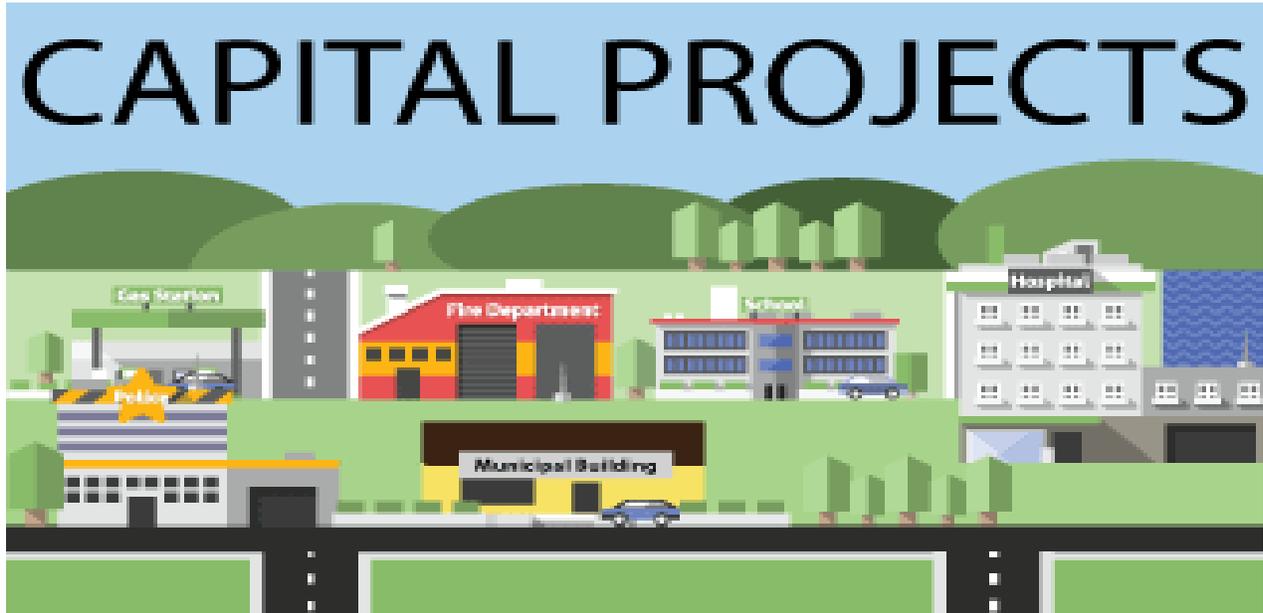


CITY OF LAKE WORTH

FY 2017 – 2021 CAPITAL IMPROVEMENT PLAN





# 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 13, 2016

**SUBJECT:** FY 2017-2021 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 2017-2021) 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 a cost of \$25,000 or more.

The Capital Improvement Plan for FY 2017-2021 totals \$68,958,338 as shown in **Table .1** and reflects the costs of capital improvement projects in excess of \$25,000 throughout the city for the next five years. Upon adoption by the Commission, the project costs of \$16,912,932 for the year FY 2017 will be part of the City's FY 2017 Annual Operating Budget.

SUMMARY OF PROJECTS BY DEPARTMENTS							
DEPARTMENTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Yr Total	% / 5 Yr Total
Community Sustainability	85,100	75,000	-	-	-	160,100	0%
Information Technology	234,929	195,000	160,000	160,000	160,000	909,929	2%
Leisure Services	303,604	63,650	-	-	-	367,254	0%
Public Services	2,365,741	1,924,980	2,365,799	1,405,000	1,080,000	9,141,520	19%
Utility Electric	3,240,157	1,631,888	3,880,888	100,000	100,000	8,952,933	27%
Utility Water & Sewer	10,683,401	15,501,735	7,791,884	7,135,470	8,314,112	49,426,602	52%
<b>Totals</b>	<b>\$16,912,932</b>	<b>\$19,392,253</b>	<b>\$14,198,571</b>	<b>\$8,800,470</b>	<b>\$9,654,112</b>	<b>\$68,958,338</b>	<b>100%</b>
<b>% / Year</b>	<b>25%</b>	<b>28%</b>	<b>21%</b>	<b>13%</b>	<b>14%</b>	<b>100%</b>	

**Table .1**



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Of the total capital improvement costs contained in the FY 2017-2021 Plan, \$2,168,207 relates to the Park of Commerce project /Phase 1 as shown in **Table .2**, under the category of Economic Development. The majority of the capital projects in the FY 2017-2021 CIP are contained in three departments, most notably in the Public Services, Electric Utility, and Water & Sewer Departments.

SUMMARY BY PROJECT CATEGORY							
PROJECT CATEGORY	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Yr Total	% / 5 Yr Total
Building Maintenance	-	-	-	-	-	-	0.53%
Building Rehabilitation	60,100	-	-	-	-	60,100	0.00%
Economic Development	2,168,207	1,654,465	2,633,284	-	-	6,455,956	7.28%
Electric Systems	1,163,700	1,455,000	3,704,000	100,000	100,000	6,522,700	26.68%
Stormwater projects	355,000	175,000	175,000	400,000	150,000	1,255,000	6.08%
Leisure Programs	303,604	63,650	-	-	-	367,254	0.08%
Sewer Maintenance	749,671	5,667,805	969,501	813,203	1,192,650	9,392,830	9.00%
Streets Maintenance	1,250,000	300,000	-	325,000	325,000	2,200,000	11.40%
Technology Improvement	234,929	195,000	160,000	160,000	160,000	909,929	2.23%
Vehicle Replacement	1,080,000	605,000	292,000	680,000	605,000	3,262,000	1.83%
Water System	9,547,721	9,276,333	6,264,786	6,322,267	7,121,462	38,532,569	34.90%
<b>Totals</b>	<b>16,912,932</b>	<b>19,392,253</b>	<b>14,198,571</b>	<b>8,800,470</b>	<b>9,654,112</b>	<b>68,958,338</b>	<b>100%</b>
<b>% Expenditures by Year</b>	<b>25%</b>	<b>28%</b>	<b>21%</b>	<b>13%</b>	<b>14%</b>	<b>100%</b>	

**Table .2**

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 under the Park of Commerce umbrella 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.



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

### **Information Technology:**

FY 2017-21 Capital Improvement Plan (CIP) total reflects consistent cost levels to improve and maintain the necessary technological infrastructural City-wide; and will focus on Network Infrastructure Replacement, Microsoft Enterprise Agreement, Computer Server Upgrades and Data Recovery-Off Site Storage and Backup. The I.T department will also continue their year round task of work station upgrades.

### **Public Service:**

The Public Services department will have the continued task of streets maintenance throughout the city that includes fixing potholes, milling, resurfacing, and paving. Their Fleet Division is also responsible for multiple vehicle replacements during the upcoming year to include replacing aging Sanitation fleet of trash truck, rear steer and automated one-armed trucks, Stormwater's mini-excavator, and Sewer's Vacuum Truck.

### **Electric Utility**

The Electric Utility department is also tasked with major contributions to the Park of Commerce project / phase 1 as shown in **Table .3** Additionally, Electric Utility will pursue multiple Transmission & Distribution projects.

### **Water and Sewer**

The Water and Sewer Department has been a stand-alone department since FY 2014, and is tasked with critical 2" watermain replacement project, construction of new wells, and rehabilitation of sewer lining and lift stations for an approximate amount of \$10,323,399 as shown in **Table .3** under the categories of Water, Sewer, and the State Revolving Fund (SRF) loan. The Water & Sewer department will also be spearheading the Park of Commerce project as the City expects approximately \$1,289,000 in grants to help fund the Park of Commerce.

### **Leisure Services**

The Leisure Services department is tasked with replacing the pool heater, refurbishing the gym floor and bleachers; and also building a new bus shelter to accommodate extended Palm Tran bus routes to the Casino, east of the intra-coastal bridge.



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SUMMARY OF PROJECTS BY FUNDING SOURCES							
FUNDING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Yr Total	% / 5 Yr Total
Available Bond Proceeds	-	1,030,000	3,280,000	-	-	4,310,000	6.3%
Beach Fund	193,054	-	-	-	-	193,054	0.3%
Building Permits	85,100	-	-	-	-	85,100	0.1%
Electric Fund	2,708,584	601,888	555,605	100,000	100,000	4,066,077	5.9%
Garage/Fleet Fund	100,000	-	-	-	-	100,000	0.1%
General Fund	110,550	138,650	-	-	-	249,200	0.4%
Golf Course Fund	-	-	-	-	-	-	0.0%
Grants (CDBG)	256,726	-	-	-	-	256,726	0.4%
Grants (Federal)	1,306,573	378,259	479,268	-	-	2,164,100	3.1%
Grants (State)	-	-	-	-	-	-	0.0%
Grants (County)	-	-	125,000	-	-	125,000	0.2%
Information Technology Fund	234,929	195,000	160,000	160,000	160,000	909,929	1.3%
Insurance Fund	-	-	-	-	-	-	0.0%
Local Sewer Fund	1,002,297	4,369,438	791,134	513,203	892,650	7,568,722	11.0%
Park of Commerce Fund	2,168,206	1,654,464	2,633,283	-	-	6,455,953	Adjusted
Regional Sewer	115,000	1,420,000	300,000	300,000	300,000	2,435,000	3.5%
Refuse Fund	545,000	530,000	292,000	680,000	605,000	2,652,000	3.8%
Road Improvement Fund	266,456	704,395	1,327,488	325,000	325,000	2,948,339	4.3%
Stormwater Fund	422,559	455,071	330,071	400,000	150,000	1,757,701	2.5%
SRF Loan - ( 2" Watermain Proj	3,215,221	3,353,333	2,218,786	1,914,267	2,575,462	13,277,069	19.3%
Water Fund	6,350,883	6,216,219	4,339,219	4,408,000	4,546,000	25,860,321	37.5%
<b>Totals</b>	<b>16,912,932</b>	<b>19,392,253</b>	<b>14,198,571</b>	<b>8,800,470</b>	<b>9,654,112</b>	<b>68,958,338</b>	<b>100%</b>

**Table .3**

**Tables .3 and .4** show the same capital expenditure cost data, however, separated into funding sources and project summary costs by divisions to better identify the funding of projects, the divisions responsible for the projects, and the scope of projects across the board.



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SUMMARY OF PROJECTS BY DIVISIONS							
DIVISIONS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Yr Total	% / 5 Yr Total
Administration - Ut Electric	399,000	325,000	324,000	-	-	1,048,000	1%
Building Permits	85,100	-	-	-	-	85,100	1%
Code Compliance	-	50,000	-	-	-	50,000	1%
Engineering	2,176,457	176,888	176,888	-	-	2,530,233	
Facilities Management	-	-	-	-	-	-	1%
Facilities (Building Rehab)	-	-	-	-	-	-	0%
Garage/Fleet	100,000	-	-	-	-	100,000	2%
Information Technology	234,929	195,000	160,000	160,000	160,000	909,929	2%
Leisure Services - Golf	-	-	-	-	-	-	0%
Leisure Services - Recreation	110,550	63,650	-	-	-	174,200	0%
Leisure Services - Beach Pool	43,054	-	-	-	-	43,054	
Leisure Services - Beach Park	150,000	-	-	-	-	150,000	0%
Local Sewer Coll & Pumping	1,002,297	4,411,290	832,986	513,203	892,650	7,652,426	7%
Planning & Preserv	-	25,000	-	-	-	25,000	
Power Generation	80,000	-	-	-	-	80,000	1%
Public Services Admin	-	-	-	-	-	-	0%
Regional Sewer Coll & Pumping	115,000	1,420,000	300,000	300,000	300,000	2,435,000	2%
Public Services Stormwater	422,559	551,439	551,439	400,000	150,000	2,075,437	6%
Public Services Refuse	545,000	530,000	292,000	680,000	605,000	2,652,000	
Streets Maintenance	1,298,182	843,541	1,522,360	325,000	325,000	4,314,083	11%
System Operations	101,000	-	-	-	-	101,000	0%
Transmission & Distribution	483,700	1,130,000	3,380,000	100,000	100,000	5,193,700	25%
Water & Sewer Admin	-	-	-	-	-	-	7%
Water Distribution	7,629,604	7,443,445	6,058,898	5,360,267	6,021,462	32,513,676	29%
Water Treatment	1,936,500	2,227,000	600,000	962,000	1,100,000	6,825,500	6%
<b>Totals</b>	<b>16,912,932</b>	<b>19,392,253</b>	<b>14,198,571</b>	<b>8,800,470</b>	<b>9,654,112</b>	<b>68,958,338</b>	<b>100%</b>

**Table .4**

**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 collaboration from the City Manager's Office, City departments, and Budget Team; and constructively reflects the critical needs of the city after many years of neglect. The CIP has been presented to the Commission for their review and input during multiple budget workshops, and is hereby submitted for adoption at the first Public Hearing on September 13, 2016.

Michael Bornstein

**CAPITAL IMPROVEMENT PLAN (FY 2017 - 2021)**  
**Summary Schedule of Projects**

Page	Departments / Divisions	Estimated Expenditures		Fiscal Year	5 Yr Total	Total Project				
#	Project Description	thru 9/30/15	FY16 Bud	2017	2018	2019	2020	2021	FY 2017-2021	Estimate
<b>PUBLIC SERVICES DEPARTMENT</b>										
<b>A</b>	<b>Road Improvement/Streets Maintenance</b>									
1	6th Ave S - Dixie Hwy to Federal Hwy - Mill & Overlay	-	210,000	-	-	-	-	-	-	210,000
1	11th Ave South Greenway project	-	267,396	-	-	-	-	-	-	267,396
1	MP0102 - Tropical Dr & Barton Rd	-	674,182	-	-	-	-	-	-	674,182
1	Park of Commerce-Phase 1A (include grant)	-	172,056	48,181	543,541	1,522,360	-	-	2,114,082	2,286,138
1	Roadway Rehab	-	-	218,274	-	-	-	-	218,274	218,274
1	2nd Ave South-Dixie to Federal	-	-	256,726	-	-	-	-	256,726	256,726
1	5th Ave South Bikeway Project	-	-	775,000	-	-	-	-	775,000	775,000
1	Downtown Improvements Project	-	-	-	250,000	-	-	-	250,000	250,000
1	MP0103 - North F Street - 5th Ave N to 10th Ave N	-	-	-	50,000	-	-	-	50,000	50,000
1	MP0608-Duke Dr, Lakeside Dr, Wellesley Dr	-	-	-	-	-	325,000	-	325,000	325,000
1	MP0104 - 15th, 16th, 17th, 18th Ave N; Terrace Dr.	-	-	-	-	-	-	325,000	325,000	325,000
	<b>Sub-Total</b>	-	<b>1,323,634</b>	<b>1,298,181</b>	<b>843,541</b>	<b>1,522,360</b>	<b>325,000</b>	<b>325,000</b>	<b>4,314,082</b>	<b>5,637,716</b>
<b>B</b>	<b>Stormwater</b>									
3	6th Avenue South-Dixie to Federal	-	115,000	-	-	-	-	-	-	115,000
3	Park of Commerce-Phase 1A (includes grant)	-	67,342	17,559	376,439	376,439	-	-	770,437	837,779
3	North K St and North M St-2nd Ave N to 9th Ave N	-	-	250,000	-	-	-	-	250,000	250,000
3	Downtown Improvements Project	-	-	25,000	125,000	-	-	-	150,000	150,000
3	North F St-11th Ave N to 13th Ave N	-	-	-	-	125,000	-	-	125,000	125,000
3	Duke Drive-Fed Highway to N Lakeside Dr	-	-	-	-	-	350,000	-	350,000	350,000
3	15th Ave N, 16th Ave N, 17th Ave N, 18th Ave N-N A St to N	-	-	-	-	-	-	100,000	100,000	100,000
3	Misc-Design/Engineering	-	-	30,000	-	-	-	-	30,000	30,000
5	Stormwater Outfall Check Valve Project	-	-	50,000	50,000	50,000	50,000	50,000	250,000	250,000
	<b>Sub-Total</b>	-	<b>182,342</b>	<b>372,559</b>	<b>551,439</b>	<b>551,439</b>	<b>400,000</b>	<b>150,000</b>	<b>2,025,437</b>	<b>2,207,779</b>
<b>C</b>	<b>Garage / Fleet</b>									
7	Public Services (Stormwater)-Mini Excavator	-	-	50,000	-	-	-	-	50,000	50,000
9	Public Services (Refuse)	-	-	545,000	530,000	292,000	680,000	605,000	2,652,000	2,652,000
11	Community Sustainability (Bldg Permit) Vehicle	-	-	25,000	-	-	-	-	25,000	25,000
13	Community Sustainability (Code) Vehicle	-	-	-	50,000	-	-	-	50,000	50,000
15	Community Sustainability (Planning/Zoning) Vehicle	-	-	-	25,000	-	-	-	25,000	25,000
17	Fleet Replacement (From Reserves)	-	-	100,000	-	-	-	-	100,000	100,000
19	Sewer Vacuum Truck (Local Sewer)	-	-	310,000	-	-	-	-	310,000	310,000
21	Sewer Vacuum Truck (Regional Sewer)	-	-	50,000	-	-	-	-	50,000	50,000
	<b>Sub-Total</b>	-	-	<b>1,080,000</b>	<b>605,000</b>	<b>292,000</b>	<b>680,000</b>	<b>605,000</b>	<b>3,262,000</b>	<b>3,262,000</b>
	<b>Public Services Total:</b>		<b>1,505,976</b>	<b>2,750,740</b>	<b>1,999,980</b>	<b>2,365,799</b>	<b>1,405,000</b>	<b>1,080,000</b>	<b>9,601,519</b>	<b>11,107,495</b>
<b>D</b>	<b>PARK OF COMMERCE</b>									
23	Park of Commerce (Combined Dept Project)	-	324,696	2,168,206	1,654,464	2,633,283	-	-	6,455,953	6,780,649
	<b>Park of Commerce Project Total:</b>	-	<b>324,696</b>	<b>2,168,206</b>	<b>1,654,464</b>	<b>2,633,283</b>	-	-	<b>6,455,953</b>	<b>6,780,649</b>

**CAPITAL IMPROVEMENT PLAN (FY 2017 - 2021)**  
**Summary Schedule of Projects**

Page	Departments / Divisions	Estimated Expenditures		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	5 Yr Total	Total Project
#	Project Description	thru 9/30/15	FY16 Bud	2017	2018	2019	2020	2021	FY 2017-2021	Estimate
<b>E</b>	<b>COMMUNITY SUSTAINABILITY</b>									
25	Community Sustainability Office Remodel	13,125	217,500	60,100	-	-	-	-	60,100	290,725
	<b>Community Sustainability Total:</b>	<b>13,125</b>	<b>217,500</b>	<b>60,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,100</b>	<b>290,725</b>
	<b>LEISURE SERVICES DEPARTMENT</b>									
<b>F</b>	<b>Beach</b>									
27	Pool Heaters (Pool)	-	-	43,054	-	-	-	-	43,054	43,054
29	Bus Shelter for Beach Area	-	-	150,000	-	-	-	-	150,000	150,000
	<b>Sub-Total</b>	<b>-</b>	<b>-</b>	<b>193,054</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>193,054</b>	<b>193,054</b>
<b>G</b>	<b>Recreation</b>									
31	Restroom facility for Memorial Field	-	-	-	63,650	-	-	-	63,650	63,650
33	Gym Floor & Bleachers Replacement	-	-	110,550	-	-	-	-	110,550	110,550
	<b>Sub-Total</b>	<b>-</b>	<b>-</b>	<b>110,550</b>	<b>63,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>174,200</b>	<b>174,200</b>
	<b>Leisure Services Total:</b>	<b>-</b>	<b>-</b>	<b>303,604</b>	<b>63,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>367,254</b>	<b>367,254</b>
	<b>UTILITY - ELECTRIC</b>									
<b>H</b>	<b>Electric - Engineering</b>									
35	Park of Commerce - Phase 1A (includes grant)	-	18,021	2,076,457	176,888	176,888	-	-	2,430,233	2,448,254
37	Hypoluxo 138kV Solid Disconnect Switches	-	-	35,000	-	-	-	-	35,000	35,000
39	Hypoluxo Stations Relay Upgrades	-	108,000	100,000	-	-	-	-	100,000	208,000
41	MOS 3030-3031 Replacement	-	-	66,000	-	-	-	-	66,000	66,000
43	City WiFi	-	-	249,000	325,000	324,000	-	-	898,000	898,000
	<b>Sub-Total</b>	<b>-</b>	<b>126,021</b>	<b>2,526,457</b>	<b>501,888</b>	<b>500,888</b>	<b>-</b>	<b>-</b>	<b>3,529,233</b>	<b>3,655,254</b>
<b>I</b>	<b>Electric - Power Plant Division</b>									
45	Vacuum Breakers	-	-	80,000	-	-	-	-	80,000	80,000
	<b>Sub-Total</b>	<b>-</b>	<b>-</b>	<b>80,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>80,000</b>	<b>80,000</b>
<b>J</b>	<b>Electric - Transmission &amp; Distribution</b>									
47	138kV insulator	-	-	90,000	-	-	-	-	90,000	90,000
49	145 kV In-Line Switch	-	-	265,000	-	-	-	-	265,000	265,000
51	Main Sub Oil Curcuit Breakers Replacement	-	-	28,700	-	-	-	-	28,700	28,700
53	System Maintenance	-	-	100,000	100,000	100,000	100,000	100,000	500,000	500,000
55	Capital Equipment for Long Range Plan	-	-	-	570,000	-	-	-	570,000	570,000
57	4th Ave North Sub-Station	-	-	-	100,000	1,650,000	-	-	1,750,000	1,750,000
59	18th Ave North Sub-Station	-	360,000	-	-	1,390,000	-	-	1,390,000	1,750,000
61	6th Avenue South Sub-station	-	-	-	360,000	240,000	-	-	600,000	600,000
	<b>Sub-Total</b>	<b>-</b>	<b>360,000</b>	<b>483,700</b>	<b>1,130,000</b>	<b>3,380,000</b>	<b>100,000</b>	<b>100,000</b>	<b>5,193,700</b>	<b>5,553,700</b>
<b>K</b>	<b>Electric - Administration</b>									
63	Call Center	-	-	100,000	-	-	-	-	100,000	100,000
65	Ladies' Restroom Buildout	-	-	50,000	-	-	-	-	50,000	50,000
	<b>Sub-Total</b>	<b>-</b>	<b>-</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>	<b>150,000</b>
	<b>Utility - Electric Total:</b>	<b>-</b>	<b>486,021</b>	<b>3,240,157</b>	<b>1,631,888</b>	<b>3,880,888</b>	<b>100,000</b>	<b>100,000</b>	<b>8,952,933</b>	<b>9,438,954</b>

**CAPITAL IMPROVEMENT PLAN (FY 2017 - 2021)**  
**Summary Schedule of Projects**

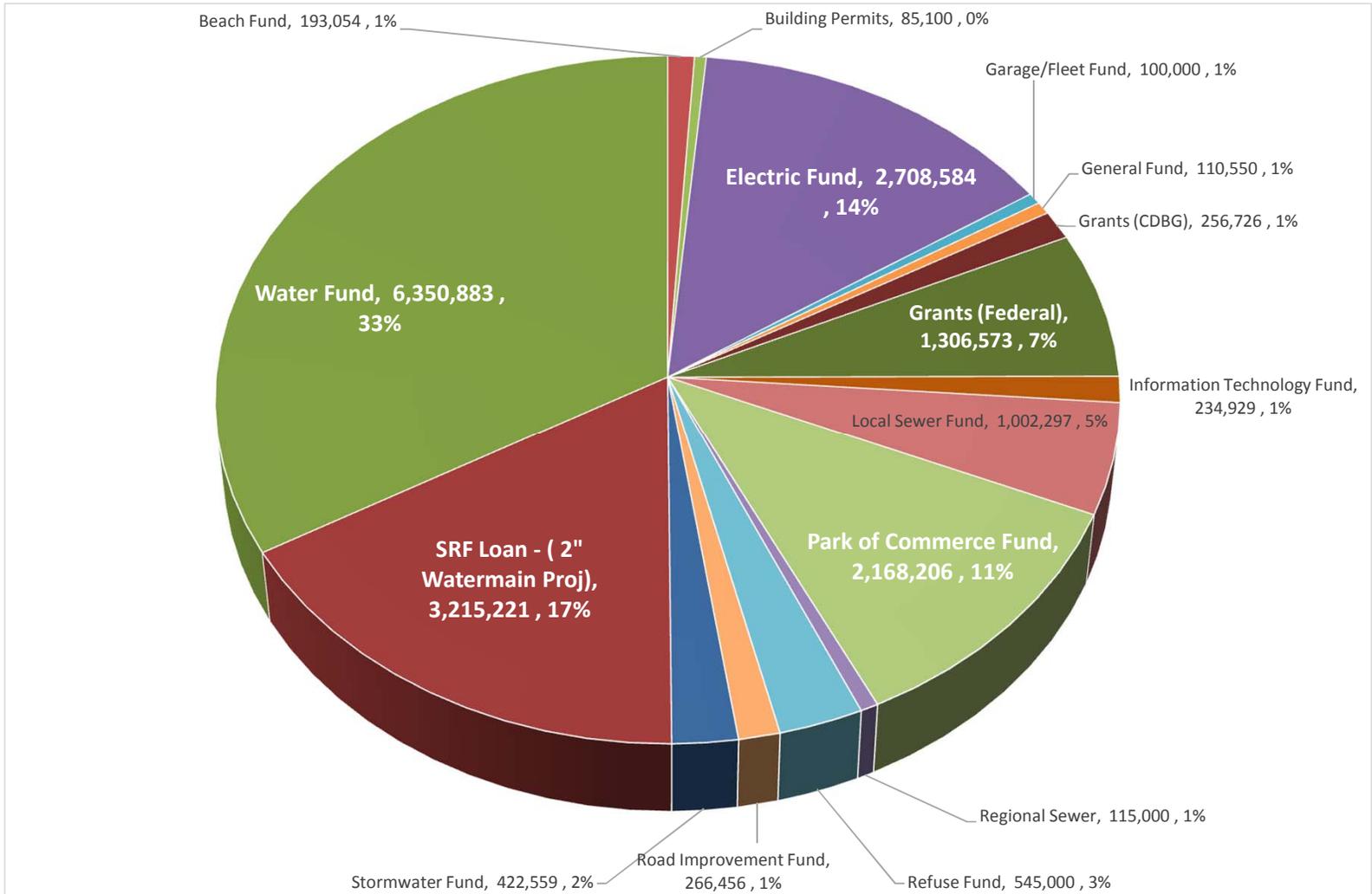
Page	Departments / Divisions	Estimated Expenditures		Fiscal Year	5 Yr Total	Total Project				
#	Project Description	thru 9/30/15	FY16 Bud	2017	2018	2019	2020	2021	FY 2017-2021	Estimate
	<b>UTILITY - WATER &amp; SEWER</b>									
<b>L</b>	<b>Water Distribution</b>									
67	Watermain Replacement (Park of Commerce)	-	40,977	18,383	394,112	394,112	-	-	806,607	847,584
67	Watermain Replacement: 11th Ave S&S F St	330,000	-	-	-	-	-	-	-	330,000
67	Watermain Replacement: Tropical Dr&Barton Rd	-	934,158	-	-	-	-	-	-	934,158
67	Watermain Replacement: O St & S Palm Way MP y	-	-	84,340	562,268	-	-	-	646,608	646,608
67	Watermain Replacement: K St & M St	-	-	2,107,696	-	-	-	-	2,107,696	2,107,696
67	Watermain Replacement: N F St	-	-	699,798	-	-	-	-	699,798	699,798
67	Watermain Replacement: Vassar & Bryn Mawr	-	-	86,822	718,830	-	-	-	805,652	805,652
67	Watermain Repl: Duke, Lakeside Dr, Wellesley Dr	-	-	121,000	1,251,810	-	-	-	1,372,810	1,372,810
67	Watermain Replacement: Elm, F St	-	-	15,000	150,000	-	-	-	165,000	165,000
67	Watermain Replacement: 15th Ave S & S N St	-	-	100,563	670,425	-	-	-	770,988	770,988
67	Watermain Repl: 15,16,17,18 Ave N; Terr Dr	-	-	-	-	1,982,601	-	-	1,982,601	1,982,601
67	Watermain Replacement: Snowden & Collier	-	-	-	-	236,185	1,574,566	-	1,810,751	1,810,751
67	Watermain Replacement: S C, D, E, F St	-	-	-	-	-	242,981	1,619,875	1,862,856	1,862,856
67	Watermain Replacement: S East Coast & S H St	-	-	-	-	-	96,720	644,800	741,520	741,520
67	Watermain Repl S B, C, F St, 3rd, 4th, 5th Ave	-	-	-	-	-	-	164,193	164,193	164,193
67	Watermain Replacement: Wright, Small, Barber Dr	-	-	-	-	-	-	146,594	146,594	146,594
69	2" Watermain Replacement	816,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	15,980,000	19,992,000
71	Watermain: Downtown Lake & Lucerne	50,000	80,000	1,200,000	-	-	-	-	1,200,000	1,330,000
	<b>Sub-Total</b>	<b>1,196,000</b>	<b>4,251,135</b>	<b>7,629,602</b>	<b>6,943,445</b>	<b>5,808,898</b>	<b>5,110,267</b>	<b>5,771,462</b>	<b>31,263,674</b>	<b>36,710,809</b>
<b>M</b>	<b>Water Treatment</b>									
73	Membrane Replacement at RO Plant	-	-	-	-	250,000	250,000	250,000	750,000	750,000
75	HS Pump #5 Replace & VDFs	-	-	-	500,000	-	-	-	500,000	500,000
77	WTP Post Chlorination System	-	-	236,500	-	-	-	-	236,500	236,500
79	Local GST, N & S Booster Station Repairs	-	200,000	240,000	100,000	100,000	100,000	100,000	640,000	840,000
81	Flash Mixer Structural Modification	-	80,000	500,000	-	-	-	-	500,000	580,000
83	Clearwell Structural Improvements	-	70,000	750,000	-	-	-	-	750,000	820,000
85	Washwater Recovery Basin	-	10,000	100,000	1,200,000	-	-	-	1,300,000	1,310,000
87	Design-Build Genetor Screen Walls	-	-	50,000	-	-	-	-	50,000	50,000
89	Well #17	-	-	60,000	662,000	-	-	-	722,000	722,000
91	Well #F-4 New Construction	-	-	-	-	-	80,000	1,000,000	1,080,000	1,080,000
93	Well #9 Generator	-	-	-	100,000	-	-	-	100,000	100,000
95	Well #18	-	-	-	-	60,000	662,000	-	722,000	722,000
97	Well #16, #17, #18 Raw WM Construction	-	-	-	120,000	-	120,000	-	240,000	240,000
99	Well #7 Rehabilitation	-	-	-	45,000	440,000	-	-	485,000	485,000
	<b>Sub-Total</b>	<b>-</b>	<b>360,000</b>	<b>1,936,500</b>	<b>2,727,000</b>	<b>850,000</b>	<b>1,212,000</b>	<b>1,350,000</b>	<b>8,075,500</b>	<b>8,435,500</b>
<b>N</b>	<b>Local Sewer Collection &amp; Pumping</b>									
101	Sewer -Park of Commerce (includes grant)	-	26,300	7,626	163,485	163,485	-	-	334,596	360,896
101	Sewer Masterplan	-	1,227,031	-	-	-	-	-	-	1,227,031
101	Sewer Masterplan: Vassar & Bryn Mawr	-	-	43,921	292,805	-	-	-	336,726	336,726
101	Sewer Masterplan: Duke, Lakeside, Wellesley	-	-	90,750	605,000	-	-	-	695,750	695,750
101	Sewer Masterplan: 15,16,17,18 Ave N, Terr Dr	-	-	-	-	219,501	-	-	219,501	219,501
101	Sewer Masterplan: Wright, Small, Barber Dr	-	-	-	-	-	-	21,300	21,300	21,300
101	Sewer Masterplan: S East Coast & S H St	-	-	-	-	-	63,203	421,350	484,553	484,553

**CAPITAL IMPROVEMENT PLAN (FY 2017 - 2021)**  
**Summary Schedule of Projects**

Page	Departments / Divisions	Estimated Expenditures		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	5 Yr Total	Total Project
#	Project Description	thru 9/30/15	FY16 Bud	2017	2018	2019	2020	2021	FY 2017-2021	Estimate
103	Global Manhole Rehabilitation Lining Project	-	100,000	150,000	150,000	150,000	150,000	150,000	750,000	850,000
105	11th Ave N Trunkline Rehab	50,000	-	-	1,400,000	-	-	-	1,400,000	1,450,000
107	3rd Ave North Sewer Lining	-	50,000	-	1,000,000	-	-	-	1,000,000	1,050,000
109	Lift Station 4 Interceptor Lining	-	-	-	500,000	-	-	-	500,000	500,000
111	Sewer Collector Main Rehab	-	-	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000
113	Lift Station #15 Electrical Panel & ATS Replace	-	-	100,000	-	-	-	-	100,000	100,000
115	Lift Stations Rehabilitation-General	-	-	100,000	100,000	100,000	100,000	100,000	500,000	500,000
	<b>Sub-Total</b>	<b>50,000</b>	<b>1,403,331</b>	<b>692,297</b>	<b>4,411,290</b>	<b>832,986</b>	<b>513,203</b>	<b>892,650</b>	<b>7,342,426</b>	<b>8,795,757</b>
<b>O</b>	<b>Regional Sewer Collection &amp; Pumping</b>									
117	Design-Build Generator Screen Wall	-	-	25,000	-	-	-	-	25,000	25,000
119	ECR Shared Forcemain Assessment	-	-	-	500,000	-	-	-	500,000	500,000
121	Replace Lift Station #12	-	-	40,000	400,000	-	-	-	440,000	440,000
123	MPS Pump Replacement 102,103,101,104	-	-	-	300,000	300,000	300,000	300,000	1,200,000	1,200,000
125	MPS Backup Pump	-	-	-	220,000	-	-	-	220,000	220,000
	<b>Sub-Total</b>	<b>-</b>	<b>-</b>	<b>65,000</b>	<b>1,420,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>2,385,000</b>	<b>2,385,000</b>
	<b>Utility - Water &amp; Sewer Total:</b>	<b>1,246,000</b>	<b>6,014,466</b>	<b>10,323,399</b>	<b>15,501,735</b>	<b>7,791,884</b>	<b>7,135,470</b>	<b>8,314,112</b>	<b>49,066,600</b>	<b>56,327,066</b>
<b>P</b>	<b>INFORMATION TECHNOLOGY</b>									
127	Microsoft Enterprise Agreement	49,929	49,929	49,929	-	-	-	-	49,929	149,787
129	Computer Workstation Upgrades	249,500	25,000	35,000	35,000	35,000	35,000	35,000	175,000	449,500
131	Computer Server Upgrades	50,000	25,000	15,000	50,000	50,000	50,000	50,000	215,000	290,000
133	Data Recovery-Off Site Storage & Backup	-	-	25,000	-	-	-	-	25,000	25,000
135	ESRI	-	35,000	35,000	35,000	-	-	-	70,000	105,000
137	Network Risk Assessment & Audit	-	-	25,000	25,000	25,000	25,000	25,000	125,000	125,000
139	Network Infrastructure Replacement	114,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	414,000
	<b>Information Technology Total:</b>	<b>463,429</b>	<b>184,929</b>	<b>234,929</b>	<b>195,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>909,929</b>	<b>1,558,287</b>
	<b>Gross Total:</b>	<b>1,722,554</b>	<b>8,733,588</b>	<b>19,081,135</b>	<b>21,046,717</b>	<b>16,831,854</b>	<b>8,800,470</b>	<b>9,654,112</b>	<b>75,414,288</b>	<b>85,870,430</b>
	Adjust P.O.C funding from Electric Fund	-	(18,021)	(2,076,457)	(176,887)	(176,887)	-	-	(2,430,231)	(2,448,252)
	Adjust P.O.C funding from Water Fund	-	(40,977)	(18,383)	(394,112)	(394,112)	-	-	(806,607)	(847,584)
	Adjust P.O.C funding from Road Imprv	-	(172,056)	(48,181)	(543,540)	(1,522,359)	-	-	(2,114,080)	(2,286,136)
	Adjust P.O.C funding from Local Sewer	-	(26,300)	(7,626)	(163,485)	(163,485)	-	-	(334,596)	(360,896)
	Adjust P.O.C funding from Stormwater Fund	-	(67,342)	(17,559)	(376,439)	(376,439)	-	-	(770,437)	(837,779)
	<b>Net Grand Total:</b>	<b>1,722,554</b>	<b>8,408,892</b>	<b>16,912,932</b>	<b>19,392,253</b>	<b>14,198,571</b>	<b>8,800,470</b>	<b>9,654,112</b>	<b>68,958,338</b>	<b>79,089,783</b>
	<b>5 Yr Total Percentage (%)</b>			<b>25%</b>	<b>28%</b>	<b>21%</b>	<b>13%</b>	<b>14%</b>	<b>100%</b>	

SUMMARY OF PROJECTS BY FUNDING SOURCES							
FUNDING SOURCES	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Yr Total	% / 5 Yr Total
Available Bond Proceeds	-	1,030,000	3,280,000	-	-	4,310,000	6.3%
Beach Fund	193,054	-	-	-	-	193,054	0.3%
Building Permits	85,100	-	-	-	-	85,100	0.1%
Electric Fund	2,708,584	601,888	555,605	100,000	100,000	4,066,077	5.9%
Garage/Fleet Fund	100,000	-	-	-	-	100,000	0.1%
General Fund	110,550	138,650	-	-	-	249,200	0.4%
Golf Course Fund	-	-	-	-	-	-	0.0%
Grants (CDBG)	256,726	-	-	-	-	256,726	0.4%
Grants (Federal)	1,306,573	378,259	479,268	-	-	2,164,100	3.1%
Grants (State)	-	-	-	-	-	-	0.0%
Grants (County)	-	-	125,000	-	-	125,000	0.2%
Information Technology Fund	234,929	195,000	160,000	160,000	160,000	909,929	1.3%
Insurance Fund	-	-	-	-	-	-	0.0%
Local Sewer Fund	1,002,297	4,369,438	791,134	513,203	892,650	7,568,722	11.0%
Park of Commerce Fund	2,168,206	1,654,464	2,633,283	-	-	6,455,953	Adjusted
Regional Sewer	115,000	1,420,000	300,000	300,000	300,000	2,435,000	3.5%
Refuse Fund	545,000	530,000	292,000	680,000	605,000	2,652,000	3.8%
Road Improvement Fund	266,456	704,395	1,327,488	325,000	325,000	2,948,339	4.3%
Stormwater Fund	422,559	455,071	330,071	400,000	150,000	1,757,701	2.5%
SRF Loan - ( 2" Watermain Proj)	3,215,221	3,353,333	2,218,786	1,914,267	2,575,462	13,277,069	19.3%
Water Fund	6,350,883	6,216,219	4,339,219	4,408,000	4,546,000	25,860,321	37.5%
<b>Totals</b>	<b>16,912,932</b>	<b>19,392,253</b>	<b>14,198,571</b>	<b>8,800,470</b>	<b>9,654,112</b>	<b>68,958,338</b>	<b>100%</b>

## FY 2017-2021 CAPITAL IMPROVEMENT PROJECTS BY FUNDING SOURCES





### Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

Project Title:	Roadway Improvements Projects	Category Criteria	Improvements
Department:	Public Services	Division:	Streets Maintenance
Project Manager:	Jamie Brown	Project Location:	City wide
Project Identification Number:	PS-XX-XXXX	Programmed:	Yes
Project Type / Duration:	(X) New    (X) Existing    ( ) 1-Year    (x) Multi-Yr	Project Priority:	1

**BUDGETED EXPENDITURE SCHEDULE**

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				50,000				50,000
Land Acquisition								-
Permits								
Construction		1,323,634	1,298,181	793,540	1,522,359	325,000	325,000	5,587,714
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		<b>1,323,634</b>	<b>1,298,181</b>	<b>843,540</b>	<b>1,522,359</b>	<b>325,000</b>	<b>325,000</b>	<b>\$ 5,637,714</b>

Project Description:								
Project Description	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
6th Ave S - Dixie Hwy to Federal Hwy - Mill & Overlay		210,000						210,000
11th Ave South Greenway project		267,396						267,396
MP0102 - Tropical Dr & Barton Rd		674,182						674,182
Park of Commerce - Phase 1A		172,056	48,181	543,540	1,522,359			2,286,136
Roadway Rehabilitation			218,274					218,274
2nd Ave South - Dixie to Federal			256,726					256,726
5th Ave South Bikeway Project			775,000					775,000
Downtown Improvements Project				250,000				250,000
North F St - 11th Ave N to 13th Ave N				50,000				50,000
MP0608 - Duke Drive, Lakeside Dr, Wellesley Dr						325,000		325,000
MP0104 - 15th, 16th, 17th, 18th Ave N; Terrace Dr.							325,000	325,000
<b>Total Expenditures</b>		<b>1,323,634</b>	<b>1,298,181</b>	<b>843,540</b>	<b>1,522,359</b>	<b>325,000</b>	<b>325,000</b>	<b>5,637,714</b>

**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 completed Public Services Stormwater Masterplan and Roadway & Sidewalk Masterplan based on service need and existing roadway Pavement Condition Index.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:			
Acct# 170-5020-519-63-15 = \$218,274	-		-
Acct# 170-5020-519-63-15 = \$256,726	-		-
Acct# 180-9710-572-63-63: 5th Ave. FDOT grant (\$775,000)	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170		310,839	218,274	300,000		325,000	325,000	1,479,113
Road Improvement Fund - 170 (POC)		172,056	48,181	404,394	1,327,487			1,952,118
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
TRUE								-
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>482,895</b>	<b>266,455</b>	<b>704,394</b>	<b>1,327,487</b>	<b>325,000</b>	<b>325,000</b>	<b>\$ 3,431,231</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants - POC -			-	139,146	194,872			334,018
Federal Grants - DOT			775,000					775,000
State Grants								-
County Grants - CDBG		840,739	256,726					1,097,465
<b>Total Grant Funding:</b>		<b>840,739</b>	<b>1,031,726</b>	<b>139,146</b>	<b>194,872</b>	<b>-</b>	<b>-</b>	<b>\$ 2,206,483</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate	
	PYs 9/30/15	FY2016 Bud						
City Funding		482,895	266,455	704,394	1,327,487	325,000	325,000	3,431,231
Grant Funding		840,739	1,031,726	139,146	194,872	-	-	2,206,483
Other Outside Funding		-	-	-	-	-	-	-
Revenue Enhancements		-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>1,323,634</b>	<b>1,298,181</b>	<b>843,540</b>	<b>1,522,359</b>	<b>325,000</b>	<b>325,000</b>	<b>5,637,714</b>

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:	-
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:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>Expense Totals (B.1 -to- B.8)</b>	<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Stormwater projects	<b>Category Criteria</b>	Mandatory/Regulation
<b>Department:</b>	Public Services	<b>Division:</b>	Stormwater Division
<b>Project Manager:</b>	Jamie Brown	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	(X) New    ( ) Existing    ( ) 1-Year    (x) Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			55,000		25,000	35,000	10,000	125,000
Land Acquisition								-
Permits								-
Construction		182,342	267,559	501,439	476,439	315,000	90,000	1,832,779
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other						-	-	-
<b>Total Expenditures</b>		<b>182,342</b>	<b>322,559</b>	<b>501,439</b>	<b>501,439</b>	<b>350,000</b>	<b>100,000</b>	<b>\$ 1,957,779</b>

Project Description:								
6th Ave South - Dixie to Federal		115,000						115,000
Park of Commerce - Phase 1A		67,342	17,559	376,439	376,439	-	-	837,779
North K St and North M St - 2nd Ave N to 9th Ave N			250,000					250,000
Downtown Improvements Project			25,000	125,000				150,000
North F Street - 11th Ave N to 13th Ave N					125,000			125,000
Duke Drive - Federal Hwy to N. Lakeside Dr.						350,000		350,000
15th Ave N, 16th Ave N, 17th Ave N, 18th Ave N - N A St to N D St							100,000	100,000
<b>Misc - Design/Engineering</b>			<b>30,000</b>					<b>30,000</b>
<b>Total Expenditures</b>		<b>182,342</b>	<b>322,559</b>	<b>501,439</b>	<b>501,439</b>	<b>350,000</b>	<b>100,000</b>	<b>1,957,779</b>

**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 completed Public Services Stormwater Masterplan and Roadway & Sidewalk Masterplan based on service need and existing roadway Pavement Condition Index.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:			
	-		-
Acct # 408-5090-538-63-15	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408		115,000	305,000	125,000		350,000	100,000	995,000
Stormwater Fund - 408-POC		67,342	17,559	280,071	280,071			645,043
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>182,342</b>	<b>322,559</b>	<b>405,071</b>	<b>280,071</b>	<b>350,000</b>	<b>100,000</b>	<b>\$ 1,640,043</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants (EDA) POC			-	96,368	96,368			192,736
State Grants								-
County Grants					125,000			125,000
<b>Total Grant Funding:</b>		<b>-</b>	<b>-</b>	<b>96,368</b>	<b>221,368</b>	<b>-</b>	<b>-</b>	<b>\$ 317,736</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	182,342	322,559	405,071	280,071	350,000	100,000	1,640,043
Grant Funding	-	-	-	96,368	221,368	-	-	317,736
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>182,342</b>	<b>322,559</b>	<b>501,439</b>	<b>501,439</b>	<b>350,000</b>	<b>100,000</b>	<b>1,957,779</b>
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	0		B.4- Fixed Costs:	0		B.8- Miscellaneous:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>		<b>Expense Totals (B.1 -to- B.8)</b>	<b>-</b>			<b>-</b>	<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Stormwater Outfall Check Valve Project	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Public Services	<b>Division:</b>	Stormwater Division
<b>Project Manager:</b>	Jamie Brown	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	2

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020
Pre-Construction (i.e. Survey)							-
Design / Plans / Engineering							-
Land Acquisition							-
Permits							-
Construction			50,000	50,000	50,000	50,000	250,000
Inspection / Testing							-
Furniture / Fixtures / Equipment							-
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		-	50,000	50,000	50,000	50,000	\$ 250,000

#### Project Description:

The City's stormwater system collects rainfall throughout the various piping and inlet networks and eventually outfalls to the intracoastal and Lake Osborne. As the tides change between highs and lows, the resulting fluctuations of the water level causes the associated piping and inlets to become full of intracoastal water, thus taking up much needed storage space in these pipes and inlets. This storage space is reserved for rainfall and when competing for space inside the piping, flooding events and choke points occur. There are 27 outfalls that tie-in to the intracoastal waterway. This project is designed to mitigate the tidal inflows of seawater into the City's stormwater system and install check valve devices at the outfalls that prevent the intrusion of seawater during tidal events. The project will be multi-year and consist of the installation of check valve devices at the intracoastal outfalls where feasible.

#### Project Need / Justification / Benefits:

The City's stormwater system collects rainfall throughout the stormwater system and outfalls this water to the intracoastal waterway and Lake Osborne. The tidal inflows and outflows causes the stormwater system to fill with seawater, thus when it rains the system is already at capacity with seawater and associated flooding occurs. The Stormwater Division has identified which outfalls are to receive the check valves and the highest priority. The work will be performed by a contractor to ensure it is performed in accordance with the latest construction standards.

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

	-	-
Acct# 408-5090-538-63-15	-	-
	-	-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408			50,000	50,000	50,000	50,000	50,000	250,000
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	50,000	50,000	50,000	50,000	50,000	<b>\$ 250,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	50,000	50,000	50,000	50,000	50,000	250,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	50,000	50,000	50,000	50,000	50,000	<b>\$ 250,000</b>
<b>This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>					<b>\$</b>	<b>-</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Stormwater Mini Excavator Purchase	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Public Services	<b>Division:</b>	Stormwater Division
<b>Project Manager:</b>	Jamie Brown	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	2

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			50,000					50,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	50,000	-	-	-	-	<b>\$ 50,000</b>

**Project Description:**

The purchase of a mini excavator will add to the Stormwater Division a critical piece of equipment that is best suited for the types of repairs and work performed by the Division. Emergency point repairs, outfall maintenance, swale construction, and other critical stormwater related work can be better and more efficiently performed with a mini excavator due to equipment size, weight, ability, safety, and maneuverability.

**Project Need / Justification / Benefits:**

The purchase of a mini excavator will add to the Stormwater Division a critical piece of equipment that is best suited for the types of repairs and work performed by the Division. Emergency point repairs, outfall maintenance, swale construction, and other critical stormwater related work can be better and more efficiently performed with a mini excavator due to equipment size, weight, ability, safety, and maneuverability.

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

Bobcat Mini excavator	50,000		-
Acct# 408-5090-538-63-15	-		-
	-		-

Project Title: (Page 2 of 2)		Stormwater Mini Excavator Purchase						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408			50,000					50,000
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	50,000	-	-	-	-	\$ 50,000
<b>#2) Grant Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	50,000	-	-	-	-	50,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	50,000	-	-	-	-	\$ 50,000
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>					-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Refuse Heavy Equipment Purchases	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Public Services	<b>Division:</b>	Refuse Division
<b>Project Manager:</b>	Jamie Brown	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			545,000	530,000	292,000	680,000	605,000	2,652,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	545,000	530,000	292,000	680,000	605,000	<b>\$ 2,652,000</b>

**Project Description:**

Updating an aging fleet to be able to provide exceptional service to the residents & commercial customers of the city. Equipment for replacing 2017 - unit # 71 Trash Truck due to age & maintenance, Unit # 52 Rear Steer due to age & maintenance, Unit # 156 Automated due to age & maintenance.

**Project Need / Justification / Benefits:**

Due to excessive maintenance on the existing trash truck, rear steer, and automated one arm, these trucks will be repalced.

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

	-	
Acct # 410-5081-534-64-30	-	
	-	

Project Title: (Page 2 of 2)		Refuse Heavy Equipment Purchases						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410			545,000	530,000	292,000	680,000	605,000	2,652,000
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	545,000	530,000	292,000	680,000	605,000	<b>\$ 2,652,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	545,000	530,000	292,000	680,000	605,000	2,652,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	545,000	530,000	292,000	680,000	605,000	<b>\$ 2,652,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Building Division Vehicle Purchase	<b>Category Criteria</b>	Mandatory/Regulation
<b>Responsible Department:</b>	Community Sustainability	<b>Division:</b>	Building Permit
<b>Project Manager:</b>	Director	<b>Project Location:</b>	1900 2nd Avenue
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)				-	-	-	-	-
Design / Plans / Engineering								-
Land Acquisition	-							-
Permits	-							-
Construction	-							-
Inspection / Testing								-
Furniture / Fixtures / Equipment			25,000					25,000
Contingency / Miscellaneous	-	-						-
Other / Indirect								-
<b>Total Expenditures</b>		-	25,000	-	-	-	-	\$ 25,000

#### **Project Description:**

The Building Division of the Community Sustainability Department requires one (1) additional vehicle for the new staff position responsible for field inspections and site visits to have access to a city vehicle.

#### **Project Need / Justification / Benefits:**

The Building Division of the Community Sustainability Department requires one (1) additional vehicle to that each of its division staff will have access to a car for field inspections and site visits.

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

One (1) City Vehicle	-		-
Acct # 103-2020-515-64-00	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures PYs 9/30/15   FY2016 Bud		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								
Building Enterprise Fund - 103			25,000					
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								
<b>Total City Funding:</b>		-	25,000					
<b>#2) Grant Funding:</b>	Estimated Expenditures PYs 9/30/15   FY2016 Bud		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures PYs 9/30/15   FY2016 Bud		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures PYs 9/30/15   FY2016 Bud		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures PYs 9/30/15   FY2016 Bud		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-		25,000	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>0</b>		<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 25,000</b>
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Code Compliance Division Vehicle Purchase	<b>Category Criteria</b>	Mandatory/Regulation
<b>Department:</b>	Community Sustainability	<b>Division:</b>	Community Code Com
<b>Project Manager:</b>	William Waters	<b>Project Location:</b>	1900 2nd Avenue
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment				50,000				50,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	50,000	-	-	-	<b>\$ 50,000</b>

**Project Description:**

The Code Compliance Division of the Community Sustainability Department requires two (2) additional vehicles for each of the staff positions responsible for field inspections and site visits to have access to a city vehicle.

**Project Need / Justification / Benefits:**

The Code Compliance Division of the Community Sustainability Department has seven (7) field officers, one (1) senior officer and one (1) manager as well as a proposed Code Compliance Liasion position. Two (2) additional vehicles are needed in order for each field officer and the manager to have access to a city vehicle for field inspections and site visits.

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

Two City Vehicles	-		-
	-		-
	-		-

Project Title: (Page 2 of 2)		Code Compliance Division Vehicle Purchase						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001				50,000	-	-	-	50,000
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	50,000	-	-	-	<b>\$ 50,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			-	50,000	-	-	-	50,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	50,000	-	-	-	<b>\$ 50,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Planning & Preservation Vehicle Purchase	<b>Category Criteria</b>	Mandatory/Regulation
<b>Responsible Department:</b>	Community Sustainability	<b>Division:</b>	Planning & Zoning
<b>Project Manager:</b>	Director	<b>Project Location:</b>	1900 2nd Avenue
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)				-	-	-	-	-
Design / Plans / Engineering								-
Land Acquisition	-							-
Permits	-							-
Construction	-	-						-
Inspection / Testing								-
Furniture / Fixtures / Equipment				25,000				25,000
Contingency / Miscellaneous	-	-						-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	25,000	-	-	-	\$ 25,000

**Project Description:**

The Planning & Preservation Division of the Community Sustainability Department requires one (1) vehicle for staff responsible for field inspections and site visits to have access to a city vehicle. At present, the division has no access to its own city vehicle.

**Project Need / Justification / Benefits:**

The Planning & Preservation Division of the Community Sustainability Department has nine (9) staff positions, many of which are responsible for field visits and site inspections. At present the division has no access to its own city vehicle. This CIP includes the funding to purchase one (1) vehicle for the express use of the division.

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

One (1) City Vehicle	25,000		-
	-		-
			-

Project Title: (Page 2 of 2)		Planning & Preservation Vehicle Purchase						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001				25,000				25,000
Building Enterprise Fund - 103								-
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								-
<b>Total City Funding:</b>		-	-	25,000	-	-	-	\$ 25,000
<b>#2) Grant Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-		-	25,000	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	25,000	-	-	-	\$ 25,000
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>						<b>Net Impact</b>
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>						\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Fleet Replacement	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Public Services	<b>Division:</b>	Garage Maintenance
<b>Project Manager:</b>	Director's Name	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			100,000					100,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	100,000	-	-	-	-	<b>\$ 100,000</b>

**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 FY2016. The estimated price per vehicle is approximately \$25,000.

**Project Need / Justification / Benefits:**

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

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

	-		-
Acct # 530-9010-549-64-30	-		-
	-		-

Project Title: (Page 2 of 2)		Fleet Replacement						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001				-	-	-	-	-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530			100,000					100,000
<b>Total City Funding:</b>		-	100,000	-	-	-	-	<b>\$ 100,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			100,000	-	-	-	-	100,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	100,000	-	-	-	-	<b>\$ 100,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-					<b>\$ -</b>



**Capital Improvement Program (CIP)  
Project Request Form**  
*(For Projects / Items Costing Over \$25,000)*

(Page 1 of 2)

<b>Project Title:</b>	Sewer Vacuum Truck	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	(X) New    ( ) Existing    (X) 1-Year    ( ) Multi-Yr	<b>Project Priority:</b>	3

**BUDGETED EXPENDITURE SCHEDULE**

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			310,000					310,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	310,000	-	-	-	-	\$ 310,000

**Project Description:**  
For Sewer Collection: Purchase of one (1) replacement vacuum truck to replace #146. Estimated cost= \$310,000

**Project Need / Justification / Benefits:**  
The Utilities Sewer Collection Department actively engages in the process of cleaning and televising the City's sanitary sewer piping and manhole system. The existing sewer vacuum truck (Equipment #146) was purchased in 2003 and has reached the end of its useful life due to excessive down time and repairs. The vacuum truck is an essential piece of equipment in ensuring the City's sewer infrastructure is clean, free from blockages, and intact.

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

	-	403-7231-535-64-40	-
	-		-
	-		-

Project Title: (Page 2 of 2)		Sewer Vacuum Truck						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			310,000					310,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			310,000	-	-	-	-	\$ 310,000
<b>#2) Grant Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	310,000	-	-	-	-	310,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			310,000	-	-	-	-	\$ 310,000
<b>This section must be completed for all applicable projects.</b> <b>Please list future revenues and expenses once project is completed and fully operational.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>					\$ -	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Crane Truck	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Regional Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	202 S Golfview Road
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020
Pre-Construction (i.e. Survey)							-
Design / Plans / Engineering							-
Land Acquisition							-
Permits							-
Construction							-
Inspection / Testing							-
Furniture / Fixtures / Equipment			50,000				50,000
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		-	50,000	-	-	-	\$ 50,000

#### Project Description:

For Regional Sewer: Purchase of one (1) replacement crane truck to replace #290. Estimated cost= \$50,000

#### Project Need / Justification / Benefits:

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

	-		-
Acct # 406-7490-535-64-40	-		-
	-		-

Project Title: (Page 2 of 2)		Crane Truck						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001				-	-	-	-	-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405			50,000					50,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	50,000	-	-	-	-	\$ 50,000
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			50,000	-	-	-	-	50,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	50,000	-	-	-	-	\$ 50,000
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Park of Commerce - Phase 1A	<b>Category Criteria</b>	Improvements
<b>Department:</b>		<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	Park of Commerce
<b>Project Identification Number:</b>	GV1421	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Design / Plans / Engineering			100,000					100,000
Construction Management				112,348	112,348			224,696
Construction - Roads		172,056		489,409	1,468,228			2,129,693
Construction - Stormwater		67,342		356,712	356,712			780,766
Construction - Water		40,977		373,459	373,459			787,895
Construction - Sewer		26,300		154,918	154,918			336,136
Construction - Electric		18,021	1,818,198	167,618	167,618			2,171,455
Construction - Telephone and Cable			250,008					250,008
<b>Total Expenditures</b>		324,696	2,168,206	1,654,464	2,633,283	-	-	<b>\$ 6,780,649</b>

\*FY16 approved project funding totalled \$8,700,000; FY16 expenditures on PO#174318 & PO#174355

#### 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. The City authorized phase 1 design in January 2014, and design was completed to 96% in May 2015.

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. Substantial new development is currently underway, making construction of infrastructure improvements vital. The City used the design documents to apply for federal EDA and state legislative grants. The City received a federal EDA grant in February 2016 in the amount up to \$1,389,100, or 25.6% of costs incurred. The State grant was not received, so the project team decided to move forward with a portion of phase I, herein referred to as phase IA.

The completion of the construction of phase 1A infrastructure improvements are vital to the redevelopment of the 393-acre industrial park. The EDA grant and City match will provide the City necessary capital to proceed with phase 1A of construction. This road is recognized as part of the regional transportation infrastructure. The City has accepted transfer of the Boutwell Road right-of-way from Palm Beach County so that improvements can be provided.

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, which are projected in future years, which the City will apply for EDA and state grants on.

#### 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.

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170		172,056	48,182	404,395	1,327,488			1,952,121
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401		18,021	1,544,884	176,888	131,605			1,871,397
Water Fund - 402		40,977	18,383	293,219	293,219			645,798
Local Sewer Fund - 403		26,300	7,626	121,633	121,633			277,192
Regional Sewer Fund - 405								-
Stormwater Fund - 408		67,342	17,559	280,071	280,071			645,043
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Budget Funding:</b>								
City Funding Grant commitment minimum \$4,037,500		324,696	1,636,634	1,276,206	2,154,016	-	-	5,391,551

Refer to acct #s 401-6034-531-6300, 170-5020-519-6315, 408-5090-538-6315, 403-7231-535-6315, 402-7034-533-6315

#2) Grant Funding-REIMBURSE	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
<b>Federal Grants (EDA 25.6% (\$1,389,100 maximum reimbursement))</b>								
Electric			531,573		45,283			576,856
Water Utilities				100,893	100,893			201,786
Sewer Collection				41,852	41,852			83,704
Stormwater				96,368	96,368			192,736
Roadway Improvements				139,146	194,872			334,018
<b>Total Grant Funding:</b>		-	531,573	378,259	479,268	-	-	\$ 1,389,100

#3) Other Outside Funding:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	324,696	1,636,634	1,276,206	2,154,016	-	-	5,391,551
Grant Funding	-	-	531,573	378,259	479,268	-	-	1,389,100
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		324,696	2,168,207	1,654,465	2,633,284	-	-	\$ 6,780,651

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:	
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>Revenue Totals (A.1 -to- A.4)</b>	<b>Expense Totals (B.1 -to- B.8)</b>	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Community Sustainability Office Remodel	<b>Category Criteria</b>	Improvements
<b>Responsible Department:</b>	Community Sustainability	<b>Division:</b>	Building Permit
<b>Project Manager:</b>	Director	<b>Project Location:</b>	1900 2nd Avenue
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)	500			-	-	-	-	500
Design / Plans / Engineering	12,625	2,500	2,100					17,225
Land Acquisition	-							-
Permits			3,000					3,000
Construction	-	165,000	15,000					180,000
Inspection / Testing								-
Furniture / Fixtures / Equipment		50,000	40,000					90,000
Contingency / Miscellaneous	-	-						-
Other / Indirect								-
<b>Total Expenditures</b>	<b>230,625</b>		<b>60,100</b>	-	-	-	-	<b>\$ 290,725</b>

**Project Description:**

Since the Department for Community Sustainability was organized in FY 2011/2012, which includes five divisions - Administration, Business Licenses, Building, Code Compliance and Planning, Zoning and Historic Preservation, the staff has grown from 18 full time employees to 27 full time employees and 3 part time employees. Space is a premium and the working conditions have become rather stressful. In addition, the majority of the Departments files are either at the City Hall basement or in unconditioned space, which is both harmful to the documents as well as inconvenient to provide access to either staff or the public. This project includes the enclosure of an approximately 1,400 sq. ft. porch area to provide additional office space. In addition, some existing office space will be converted to a large file storage room. Project also includes purchase of office system furnishings and other related components to complete the office conversion. In FY 2016, \$217,500 was authorized for this project. An additional, \$60,100 is required to complete the project including additional design work and relocation of all building files from City Hall to 1900 Second Avenue North.

**Project Need / Justification / Benefits:**

The Building Division has out grown the space allotted at 1900 Second Avenue. When the division was moved to the location, there were 2 staff members and now there are 5. In addition, the city's building files remain in the basement of city hall where access, security and environmental conditions are problematic. The proposed project will consolidate all aspects of the building division and allow for improved delivery of customer service needs and efficiency in reviewing plans as well as the addition of two additional staff members.

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

Office Buildout - 103-2020-515-62-10 = \$20,100	-		-
Furniture - 103-2020-515-64-10 = \$40,000	-		-
	-		-

Project Title: (Page 2 of 2)		Community Sustainability Office Remodel						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Expenditures Pys 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Building Enterprise Fund - 103	13,125	217,500	60,100					290,725
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								-
<b>Total City Funding:</b>		230,625	60,100	-	-	-	-	\$ 290,725
<b>#2) Grant Funding:</b>	Expenditures Pys 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Pys 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Pys 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Expenditures Pys 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	13,125	217,500	60,100	-	-	-	-	290,725
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		230,625	60,100	-	-	-	-	\$ 290,725
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Pool Heaters	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Leisure Services	<b>Division:</b>	Pool
<b>Project Manager:</b>	Juan Ruiz	<b>Project Location:</b>	Pool
<b>Project Identification Number:</b>	LS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits			1,254					1,254
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			41,800					41,800
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	43,054	-	-	-	-	<b>\$ 43,054</b>

**Project Description:**

Remove and install two new Raypac 1.12 million BTU commercial pool heaters with new gas regulators.

**Project Need / Justification / Benefits:**

The pool heaters at the Lake Worth Municipal Pool are currently inoperable and are past their serviceable life expectancy. Without the installation of new heaters the pool will no longer be able to reach a comfortable temperature during the colder months of winter. Not having the ability to heat the pool during the colder months of the year will render the pool unusable during the months of November through February. Pool rentals from college swim teams and general public use will be interrupted without operating pool heaters.

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

	-		-
Acct # 140-8071-572-64-40	-		-
	-		-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Beach Fund - 140			43,054					43,054
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			43,054	-	-	-	-	\$ 43,054

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	43,054	-	-	-	-	43,054
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			43,054	-	-	-	-	\$ 43,054

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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-				\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	LW Casino Bus Shelter	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Public Services	<b>Division:</b>	Administration
<b>Project Manager:</b>	Jamie Brown	<b>Project Location:</b>	LW Casino
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	(X) New    ( ) Existing    ( ) 1-Year    ( ) Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
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								-
<b>Total Expenditures</b>		-	150,000	-	-	-	-	<b>\$ 150,000</b>

**Project Description:**

City staff has been meeting with Palm Tran in an effort to extend the current downtown bus route to the Casino property on the east side of the Intracoastal bridge. In order to make this successful, a Palm Tran approved bus shelter must be constructed on site to house commuters at this proposed location.

**Project Need / Justification / Benefits:**

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

140-8074-575-64-40	-		-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Beach Fund - 140			150,000					150,000
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	150,000	-	-	-	-	\$ 150,000
<b>#2) Grant Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
City Funding	-	-	150,000	-	-	-	-	150,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	150,000	-	-	-	-	\$ 150,000
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	80,000.00	B.7- Equipment:	-		
A.4- Revenue #4	-		B.4- Fixed Costs:	-	B.8- Miscellaneous:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>				<b>80,000.00</b>	<b>\$ (80,000.00)</b>

### Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Restroom facility for Memorial Field	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Leisure Services	<b>Division:</b>	Recreation
<b>Project Manager:</b>	Juan Ruiz	<b>Project Location:</b>	520 Sunrise Ct.
<b>Project Identification Number:</b>	LS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	(X) New	( ) 1-Year	<b>Project Priority:</b> 5

#### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)				250				250
Design / Plans / Engineering				3,100				3,100
Land Acquisition								-
Permits				1,000				1,000
Construction				59,300				59,300
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	63,650	-	-	-	<b>\$ 63,650</b>

**Project Description:**

Construct a 350 Sq.Ft CBS structure under the current pavilion at Memorial Field. The Structure will be divided into a men's and women's section with entrances facing the north. Floors will be concrete with epoxy surface and sloped for drainage to a common drain. Walls will be stuccoed with drop ceiling tiles. The women's side will have three stalls, including an ADA stall . Counter with two sinks. Lighting will be drop in fluorescents. Men's side will consist of two stalls(Including an ADA stall) and two urinals. Also a counter and two sinks. The new facility will be located in between the current concession stand and storage room. Projected construction time is 135 days

**Project Need / Justification / Benefits:**

Current Restroom facilities are in a state of disrepair, and unable to meet current codes and ADA requirements. Current facilities cannot handle the volume of any activity that is planned there. Many potential user groups will not use the facility because of the deplorable state.

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

	-	-
	-	-
	-	-

Project Title: (Page 2 of 2)		Restroom facility for Memorial Field						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301				63,650				63,650
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	63,650	-	-	-	\$ 63,650
<b>#2) Grant Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
City Funding	-	-	-	63,650	-	-	-	63,650
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	63,650	-	-	-	\$ 63,650
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
A.1- Revenue #1	\$10,800.00		B.1- Personnel:	\$1,440.00	B.5- Utilities:	\$2,400.00		
A.2- Revenue #2	-		B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	\$225.00		
A.3- Revenue #3	-		B.3- Contract Services:	-	B.7- Equipment:	-		
A.4- Revenue #4	-		B.4- Fixed Costs:	-	B.8- Miscellaneous:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>10,800.00</b>		<b>Expense Totals (B.1 -to- B.8)</b>			<b>4,065.00</b>		<b>\$ 6,735.00</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Gym Floor & Bleacher Replacment	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Leisure Services	<b>Division:</b>	Recreation
<b>Project Manager:</b>	Juan Ruiz	<b>Project Location:</b>	1515 Wingfield St.
<b>Project Identification Number:</b>	LS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	( ) Existing ( ) 1-Year	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)			250					250
Design / Plans / Engineering			750					750
Land Acquisition								-
Permits			500					500
Construction			108,850					108,850
Inspection / Testing			200					200
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	110,550	-	-	-	-	<b>\$ 110,550</b>

**Project Description:**

Complete demolition and removal of current gym floor and bleachers. Surface preparation and wall repairs to prepare for construction. Installation of a Bio-Cushion Athletic Flooring system with Shock Pads with APA approved sheathing and #3 grade Strip Maple. Sand and seal with 3 coats of Oil modified finish. game Lines and graphics TBD. Vent cove base with rubber rampways at doorways. Goal heights adjusted. Installation of forward moving-4 row motorized Sculpture seat molded bleacher systems on the south and north wall along the sidelines of the court. Color TBD. Seat modules constructed of high strength Polyethylene one piece injection . 14 gauge galvanized steel nose beams as supporting structure. Seats to be 18" wide with a seated height of 16 1/2". Bleacher system to have ADA notch outs and aisle rails and one row seating truncations on team seating side with a built in timers table.. Humidity testing and control is included in current pricing. Manufacturers warranties on file

**Project Need / Justification / Benefits:**

Current Bleacher system is broken in many places, or unusable with two section completely gone. Systems would not meet current codes or ADA requirements. Unrepairable. Current synthetic floor system is shifting and buckling leaving folds and gaps in flooring surface posing a current safety and risk management issue. Warranties have expired, and all attempts at repair have failed.

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

001-8062-572-62-00	-		-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301			110,550					110,550
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	110,550	-	-	-	-	\$ 110,550

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	110,550	-	-	-	-	110,550
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	110,550	-	-	-	-	\$ 110,550

**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	\$8,500.00	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	\$175.00	
A.3- Revenue #3	-	B.3- Contract Services:	\$2,450.00	B.7- Equipment:	\$250.00	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>8,500.00</b>	<b>Expense Totals (B.1 -to- B.8)</b>			<b>2,875.00</b>	<b>\$ 5,625.00</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Park of Commerce-Utility Electric Portion	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	4

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)		18,021						18,021
Design / Plans / Engineering			15,000					15,000
Land Acquisition			945,000					945,000
Permits			65,000					65,000
Construction			1,051,457	176,887	176,887	-	-	1,405,231
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other								-
<b>Total Expenditures</b>		18,021	2,076,457	176,887	176,887	-	-	<b>\$ 2,448,252</b>

**Project Description:**

Convert the existing overhead feeder along the south side of of Boutwell Rd. from fourth Avenue North to 10th Avenue North Underground, and relocate the existing power poles on the south side of seventh Avenue North ten feet to the south.

**Project Need / Justification / Benefits:**

These project will enhance the aesthetics for the park of commerce.

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

Account # 401-6034-531-6300	-		-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401		18,021	1,544,884	176,888	131,605	-	-	1,871,398
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		18,021	1,544,884	176,888	131,605	-	-	\$ 1,871,398

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants-EDA			531,573	-	45,283			576,856
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	531,573	-	45,283	-	-	\$ 576,856

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding		18,021	1,544,884	176,888	131,605	-	-	1,871,398
Grant Funding	-	-	531,573	-	45,283	-	-	576,856
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		18,021	2,076,457	176,888	176,888	-	-	\$ 2,448,254

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-		-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Hypoluxo 138 kV Solid Disconnect Switches	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Utility Electric	<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			1,000					1,000
Land Acquisition								-
Permits								-
Construction			29,000					29,000
Inspection / Testing								-
Furniture / Fixtures / Equipment			5,000					5,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	35,000	-	-	-	-	<b>\$ 35,000</b>

**Project Description:**

Replace remaining three, 3-phase Hypoluxo station 138 kV Solid Disconnect Switch with new (On-hand) switches. Specifically, 7G8, 7G16, and 7G17

**Project Need / Justification / Benefits:**

The current switches are exhibiting signs of wear and are near end of serviceable life. Note that this project can only be accomplished during an island.

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

Misc. cable/conductor, bus connectors, etc.	5,000	401-6020-531-64-40	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			35,000					35,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	35,000	-	-	-	-	<b>\$ 35,000</b>

#2) Grant Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
City Funding	-	-	35,000	-	-	-	-	35,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	35,000	-	-	-	-	<b>\$ 35,000</b>

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Hypoluxo Station Relay Upgrades	<b>Category Criteria</b>	Critical Repairs
<b>Department:</b>	Utility Electric	<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	PS-XX-XXXX	<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering		8,000						8,000
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing			50,000					50,000
Furniture / Fixtures / Equipment		100,000	50,000					150,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		<b>108,000</b>	<b>100,000</b>	-	-	-	-	<b>208,000</b>

**Project Description:**

Hypoluxo Station Relay panels are requiring an upgrade due to FP&L modifications to the transmission line feed. Current electromechanical relays cannot support the new configurations. The FY16 charges were charged under capital project EL1003- System Relay Upgrades. This project will end this year FY16.

**Project Need / Justification / Benefits:**

Upgrade to microprocessor relays that will mutullay benefit Lake Worth and FP&L. Microprocessor relays have much greater capability, dependability, and reliability.

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

3 relay panels	100,000		-
Acct # 401-6020-531-64-40	-		-
	-		-

Project Title: (Page 2 of 2)		Hypoluxo Station Relay Upgrades						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401		108,000	100,000					208,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>108,000</b>	<b>100,000</b>	-	-	-	-	<b>208,000</b>
<b>#2) Grant Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	-
<b>#3) Other Outside Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	-
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	-
<b>Revenue Funding Summary:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	108,000	100,000	-	-	-	-	208,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>108,000</b>	<b>100,000</b>	-	-	-	-	<b>208,000</b>
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>						



### Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	MOS 3030-3031 Replacement	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> (v) New <input type="checkbox"/> ( ) Existing <input type="checkbox"/> ( ) 1-Year <input type="checkbox"/> ( ) Multi-Yr	<b>Project Priority:</b>	2

#### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			6,000					6,000
Material			30,000					30,000
Transportation			5,000					5,000
Construction			25,000					25,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	66,000	-	-	-	-	\$ 66,000

**Project Description:**

Replace two (2) motor operators on the 138 kV switches.

**Project Need / Justification / Benefits:**

These motors will enable us to operate the switches automatically. ( This project will be completed in 2017).

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

	-	401-6020-531-64-40	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			66,000					66,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			<b>66,000</b>	-	-	-	-	<b>\$ 66,000</b>

#2) Grant Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
City Funding	-	-	66,000	-	-	-	-	66,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			<b>66,000</b>	-	-	-	-	<b>\$ 66,000</b>

**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:	30,000.00
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>			<b>30,000.00</b>
					<b>\$(30,000.00)</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	City WiFi	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			249,000	325,000	324,000			898,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	249,000	325,000	324,000	-	-	<b>\$ 898,000</b>

**Project Description:**

Fiber construction pathways for County WiFi system. County to provide SOW.

Establish a fiber communication platform to interface to county WiFi access system. County to provide SOW.

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

	-	401-6010-531-6400	-
	-		-
	-		-

Project Title: (Page 2 of 2)		City WiFi						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			249,000	325,000	324,000	-	-	898,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	249,000	325,000	324,000	-	-	<b>\$ 898,000</b>
<b>#2) Grant Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>#3) Other Outside Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>Revenue Funding Summary:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimate
City Funding	-	-	249,000	325,000	324,000	-	-	898,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	249,000	325,000	324,000	-	-	<b>\$ 898,000</b>
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>					-	<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Vacuum Breakers	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Power Plant Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	Power Plant
<b>Project Identification Number:</b>		<b>Programmed:</b>	
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
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								-
<b>Total Expenditures</b>		-	80,000	-	-	-	-	<b>\$ 80,000</b>

**Project Description:**

Replace (3) Vacuum Breakers; purchase (1) in FY 2016 in amount of \$40,000 and (2) in FY 2017 in amount of \$80,000.

**Project Need / Justification / Benefits:**

Staff recommends the purchase due to one breaker failure and safety issues with current breakers on-site.

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

	-	401-6031-531-62-00	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			80,000					80,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	80,000	-	-	-	-	<b>\$ 80,000</b>

#2) Grant Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
City Funding	-	-	80,000	-	-	-	-	80,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	80,000	-	-	-	-	<b>\$ 80,000</b>

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	138 kV insulator	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Transmission & Distrib
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			5,000					5,000
Material			20,000					20,000
Transportation			5,000					5,000
Construction			60,000					60,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	90,000	-	-	-	-	<b>\$ 90,000</b>

**Project Description:**

Replace twenty four (24) 138 kV porcelain insulators with polymer.

**capacity to meet our demand load.**

An insulator failure will make us loose our tie line and run the system on generation which is very costly. Since the City is growing rapidly, during summer time our generators may not have enough capacity to meet our demand load. (this project will be completed in 2017).

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

	-	401-6034-531-63-00	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			90,000					90,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			90,000	-	-	-	-	<b>\$ 90,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	90,000	-	-	-	-	90,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			90,000	-	-	-	-	<b>\$ 90,000</b>

**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	20,000.00		
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-		
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				<b>20,000.00</b>	<b>\$(20,000.00)</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	145 kV In-Line Switch	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Transmission & Distrib
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input type="checkbox"/> (v) New <input type="checkbox"/> ( ) Existing <input type="checkbox"/> ( ) 1-Year <input type="checkbox"/> ( ) Multi-Yr	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			10,000					10,000
Material			60,000					60,000
Transportation			10,000					10,000
Construction			185,000					185,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	265,000	-	-	-	-	<b>\$ 265,000</b>

**Project Description:**

Set a 90 foot concrete pole and a 145 kV switch at main yard.

**Project Need / Justification / Benefits:**

The switch will enable us to open the 138 kV tie line and change all the switches at the main yard substation without the need of having an island operation. Each time the City has an island operation between 250,000 to 400,000 dollars is spent on fuel and labor. ( This project will be completed in 2017).

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

	-	401-6034-531-63-00	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			265,000					265,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	265,000	-	-	-	-	<b>\$ 265,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	265,000	-	-	-	-	265,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	265,000	-	-	-	-	<b>\$ 265,000</b>

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Main Sub Oil Circuit Breakers Replacement	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Electric	<b>Division:</b>	Transmission & Distrib
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			6,000					6,000
Land Acquisition								-
Permits								-
Construction			22,000					22,000
Inspection / Testing								-
Furniture / Fixtures / Equipment			700					700
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	28,700	-	-	-	-	<b>\$ 28,700</b>

**Project Description:**

Main Yard 26kV breakers replacement to low maintenance vacuum breakers.

**Project Need / Justification / Benefits:**

There are two remaining Oil Circuit breakers in the main yard substation. The goal is to replace with on hand breakers. The breakers are E06 (S3 Generation Breaker) and E14 (4kv House) and also to install a new E07 (Express Feed Breaker).

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

misc wiring supplies	300	401-6034-531-63-00	-
misc material	400		-
	-		-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			28,700					28,700
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			28,700	-	-	-	-	\$ 28,700

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	28,700	-	-	-	-	28,700
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			28,700	-	-	-	-	\$ 28,700

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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	System Maintenance Storm Hardening	<b>Category Criteria</b>	Cost Benefit/Savings
<b>Department:</b>	Utility Electric	<b>Division:</b>	Engineering Division
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			100,000	100,000	100,000	100,000	100,000	500,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	100,000	100,000	100,000	100,000	100,000	<b>\$ 500,000</b>

**Project Description:**

To begin our PSC (Public Service Commission) mandated storm hardening program to strengthen the electrical infrastructure. Which includes stronger poles (concrete) and re-insulation of electrical wire to better withstand storm conditions.

**Project Need / Justification / Benefits:**

To provide better reliability and faster restoration times.

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

	-	401-6034-531-63-00	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			100,000	100,000	100,000	100,000	100,000	500,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	100,000	100,000	100,000	100,000	100,000	\$ 500,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	100,000	100,000	100,000	100,000	100,000	500,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	100,000	100,000	100,000	100,000	100,000	\$ 500,000

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>			-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Capital Equipment for Long Range Plan	<b>Category Criteria</b>	Improvements
<b>Responsible Department:</b>	Utility Electric	<b>Division:</b>	Transmission & Distribut
<b>Project Manager:</b>	Director	<b>Project Location:</b>	Various
<b>Project Identification Number:</b>	UT-EL-XXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3 of 5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment				570,000				570,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>	\$	-	\$	-	\$ 570,000	\$	-	\$ 570,000

**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								
<b>#1) City Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402				570,000				570,000
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								-
<b>Total City Funding:</b>			-	570,000	-	-	-	\$ 570,000
<b>#2) Grant Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds				570,000	-			570,000
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	570,000	-	-	-	\$ 570,000
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2017	2018	2019	2020	2021	
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2017	2018	2019	2020	2021	
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	570,000	-	-	-	570,000
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	\$ -	\$ -	\$ -	\$ 570,000	\$ -	\$ -	\$ -	\$ 570,000
<p>This section must be completed for all projects.                  Please list future revenues and expenses of each project per year once fully operational.</p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>	-		-		\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

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

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate	
Pre-Construction (i.e. Survey)								-	
Design / Plans / Engineering								-	
Land Acquisition								-	
Permits								-	
Construction					680,000			680,000	
Inspection / Testing				100,000				100,000	
Furniture / Fixtures / Equipment					970,000			970,000	
Contingency / Miscellaneous								-	
Other / Indirect								-	
<b>Total Expenditures</b>	\$	-	\$	-	\$ 100,000	\$ 1,650,000	\$	-	\$ 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 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								-
<b>Total City Funding:</b>	-	-	-	-	-	-	-	\$ -

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds				100,000	1,650,000			1,750,000
Internal Financing								-
<b>Total Other Outside Funding:</b>	-	-	-	100,000	1,650,000	-	-	\$ 1,750,000

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	100,000	1,650,000	-	-	1,750,000
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	\$ -	\$ -	\$ 100,000	\$ 1,650,000	\$ -	\$ -	\$ -	\$ 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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	18th Ave North Sub-Station	<b>Category Criteria</b>	Improvements
<b>Responsible Department:</b>	Utility Electric	<b>Division:</b>	Transmission & Distribut
<b>Project Manager:</b>	Director	<b>Project Location:</b>	Various
<b>Project Identification Number:</b>	UT-EL-1207	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3 of 5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
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								-
<b>Total Expenditures</b>	<b>\$</b>	<b>360,000</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>1,750,000</b>

**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 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 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								-
<b>Total City Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds		360,000		-	1,390,000			1,750,000
Internal Financing								-
<b>Total Other Outside Funding:</b>		360,000	-	-	1,390,000	-	-	<b>\$ 1,750,000</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	360,000	-	-	1,390,000	-	-	1,750,000
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>\$</b>	<b>360,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,390,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,750,000</b>

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: -
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>		<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

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

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate						
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021				
Pre-Construction (i.e. Survey)								-				
Design / Plans / Engineering								-				
Land Acquisition								-				
Permits								-				
Construction					240,000			240,000				
Inspection / Testing								-				
Furniture / Fixtures / Equipment				360,000				360,000				
Contingency / Miscellaneous								-				
Other / Indirect								-				
<b>Total Expenditures</b>	\$	-	\$	-	\$ 360,000	\$ 240,000	\$	-	\$	-	\$	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 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								-
<b>Total City Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds				360,000	240,000			600,000
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	360,000	240,000	-	-	<b>\$ 600,000</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	360,000	240,000	-	-	600,000
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>\$</b>	<b>-</b>	<b>\$ -</b>	<b>\$ 360,000</b>	<b>\$ 240,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 600,000</b>

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:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>			<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Call Center	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Electric	<b>Division:</b>	Administration
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Y	<b>Project Priority:</b>	1

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures					Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020
Pre-Construction (i.e. Survey)							-
Design / Plans / Engineering							-
Land Acquisition							-
Permits							-
Construction							-
Inspection / Testing							-
Furniture / Fixtures / Equipment			100,000				100,000
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		-	100,000	-	-	-	\$ 100,000

**Project Description:**  
The Electric Util Administration will start a new City wide call center.

**Project Need / Justification / Benefits:**  
The call center will manage the City's inbound calls to maximize customer satifiscation and resolution.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:			
	-	401-6010-531-64-00	-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			100,000					100,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	100,000	-	-	-	-	\$ 100,000
<b>#2) Grant Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	Bud	2017	2018	2019	2020	2021	
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	Bud	2017	2018	2019	2020	2021	
City Funding	-	-	100,000	-	-	-	-	100,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	100,000	-	-	-	-	\$ 100,000
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	100,000		
A.4- Revenue #4	-		B.4- Fixed Costs:	-	B.8- Miscellaneous:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>			<b>100,000</b>		<b>\$ (100,000.000)</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Ladies's Restroom Buildout	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Electric	<b>Division:</b>	Administration
<b>Project Manager:</b>	Jack Borsch	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	No
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			50,000					50,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	50,000	-	-	-	-	<b>\$ 50,000</b>

**Project Description:**

The women's restroom will be expanded for the Utilities Administration Building Complex building.

**Project Need / Justification / Benefits:**

The building does not have a large enough restroom facility to support the number of female staff.

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

	-	401-6010-531-62-00	-
restroom equipment	50,000.00		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401			50,000					50,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	50,000	-	-	-	-	\$ 50,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	50,000	-	-	-	-	50,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	50,000	-	-	-	-	\$ 50,000

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:	50,000.00	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>			50,000.00	\$ (50,000.00)



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Water Main Replace Masterplan Projects	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Distribution
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

**SCHEDULE**

Project Elements:	Expenditure PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			407,726		236,185	339,701	310,787	1,294,399
Land Acquisition								-
Permits								-
Construction	330,000	975,135	2,825,878	3,747,445	2,376,713	1,574,566	2,264,675	14,094,412
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>	<b>1,305,135</b>		<b>3,233,604</b>	<b>3,747,445</b>	<b>2,612,898</b>	<b>1,914,267</b>	<b>2,575,462</b>	<b>\$ 15,388,811</b>

**Project Description:**

11 <sup>th</sup> Ave S & S F St	\$ 330,000							\$ 330,000
Tropical Dr & Barton Rd		\$ 934,158	started by 9/30/16					\$ 934,158
O st & S Palm way* MP yr 7			\$ 84,340	\$ 562,268				\$ 646,608
K St & M St			\$ 2,107,696					\$ 2,107,696
N F St			\$ 699,798					\$ 699,798
Vassar & Byrn Mawr			\$ 86,822	\$ 718,830				\$ 805,652
Duke, Lakeside Dr, Wellesley Dr			\$ 121,000	\$ 1,251,810				\$ 1,372,810
Elm, F St			\$ 15,000	\$ 150,000				\$ 165,000
15 <sup>th</sup> Ave S & S N St			\$ 100,563	\$ 670,425				\$ 770,988
15, 16, 17, 18 Ave N; Terr Dr					\$ 1,982,601			\$ 1,982,601
Snowden & Collier					\$ 236,185	\$ 1,574,566		\$ 1,810,751
S. C, D, E, F St						\$ 242,981	\$ 1,619,875	\$ 1,862,856
S East Coast & S H St						\$ 96,720	\$ 644,800	\$ 741,520
S. B, C, F St 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> Ave							\$ 164,193	\$ 164,193
Wright, Small, Barber Dr							\$ 146,594	\$ 146,594
Park of Commerce		\$ 40,977	18,383	394,112	394,112	-	-	\$ 847,584
<b>Legend</b>	<b>\$ 330,000</b>	<b>\$ 975,135</b>	<b>\$ 3,233,603</b>	<b>\$ 3,747,445</b>	<b>\$ 2,612,898</b>	<b>\$ 1,914,267</b>	<b>\$ 2,575,462</b>	<b>\$ 15,388,810</b>

- Construction Cost
- Engineering and Design Costs
- Includes Trench patch and mill/ resurface. Assuming no PS involvement

**Project Need / Justification / Benefits:**

These projects, which place value 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 Utilities fire protection plan and proposed sewer rehabilitation project schedule with the 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) and 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:**

	-	
Acct # 402-7034-533-63-60	-	
	-	

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402	330,000	934,158	3,215,220	3,353,333	2,218,786	1,914,267	2,575,462	14,541,226
Water Fund-402 POC		40,977	18,383	293,219	293,219			645,798
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		1,264,158	3,233,603	3,646,552	2,512,005	1,914,267	2,575,462	\$ 15,146,047

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants-EDA (POC)			-	100,893	100,893			201,786
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	100,893	100,893	-	-	\$ 201,786

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	330,000	975,135	3,233,603	3,646,552	2,512,005	1,914,267	2,575,462	15,187,024
Grant Funding	-	-	-	100,893	100,893	-	-	201,786
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	330,000	975,135	3,233,603	3,747,445	2,612,898	1,914,267	2,575,462	\$ 15,388,810

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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-			\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	2 Inch Watermain Replacement	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Distribution
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	UT-WT-1506	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering	373,200	564,560	564,560	564,560	564,560	564,560	564,560	3,760,560
Land Acquisition								-
Permits								-
Construction	442,800	2,631,440	2,631,440	2,631,440	2,631,440	2,631,440	2,631,440	16,231,440
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		<b>4,012,000</b>	<b>3,196,000</b>	<b>3,196,000</b>	<b>3,196,000</b>	<b>3,196,000</b>	<b>3,196,000</b>	<b>\$ 19,992,000</b>

**Project Description:**

This project has been contracted out to replace all of the identified 2-inch galvanized water mains primarily located in the easements and alleys behind homes, in addition to some areas where the 2 inch galvanized steel watermains are in the roadway. The project will be carried out in six years, and will replace the corroded steel lines with 4 inch PVC watermains. 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.

**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:**

	-	402-7034-533-63-15	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402	816,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	19,992,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		4,012,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	<b>\$ 19,992,000</b>

#2) Grant Funding:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	816,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	19,992,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		4,012,000	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	<b>\$ 19,992,000</b>

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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-			<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Downtown Lake & Lucerne Watermain	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Distribution
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	Lake & Lucerne, G J K L
<b>Project Identification Number:</b>	UT-MP-1602	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existin <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering	50,000							50,000
Land Acquisition								-
Permits								-
Construction		80,000	1,200,000					1,280,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		130,000	1,200,000	-	-	-	-	<b>\$ 1,330,000</b>

**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 and 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. This project will also connect two 12inch mains that serve as a water distribution system backbone in the downtown area.

**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. The project will also 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:**

			-	402-7034-533-63-60				-

Project Title: (Page 2 of 2)		Downtown Lake & Lucerne Watermain						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
	General Fund - 001							-
	Road Improvement Fund - 170							-
	Capital Projects Fund - 301							-
	Park of Commerce - 304							-
	Master Plan Fund - 305							-
	Electric Fund - 401							-
	Water Fund - 402	50,000	80,000	1,200,000	-	-	-	1,330,000
	Local Sewer Fund - 403							-
	Regional Sewer Fund - 405							-
	Stormwater Fund - 408							-
	Refuse Fund - 410							-
	Information Tech. Fund - 510							-
Garage Fund - 530							-	
<b>Total City Funding:</b>		130,000	1,200,000	-	-	-	-	\$ 1,330,000
<b>#2) Grant Funding:</b>	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
	Federal Grants							-
	State Grants							-
	County Grants							-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
	Bank Loan / Debt							-
	Bond Proceeds							-
	Internal Financing							-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
	City Funding	50,000	80,000	1,200,000	-	-	-	1,330,000
	Grant Funding	-	-	-	-	-	-	-
	Other Outside Funding	-	-	-	-	-	-	-
	Revenue Enhancements	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		130,000	1,200,000	-	-	-	-	\$ 1,330,000
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Membrane Replacement at RO Plant	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Distribution
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction					250,000	250,000	250,000	750,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	-	250,000	250,000	250,000	\$ 750,000

#### Project Description:

This project consists of the purchase and installation of replacement membrane pressure vessels for all three trains currently in use at the Reverse Osmosis Water Treatment Plant.

#### Project Need / Justification / Benefits:

The Reverse Osmosis portion of the Water Treatment Plant was put into service in 2011. This treatment process includes three membrane trains that each contain 36 pressure vessels. After five years, the efficiency of the vessels decreases, which causes the operating costs, such as electricity, to rise. The expected useful life of a pressure vessel is 5 to 10 years. Since they are now approaching the five year mark, it is prudent to budget for the upcoming replacement of the membranes. The four year investment of \$250,000 per year will grant water plant staff the flexibility to replace the first stage of membranes as early as 2019 if required. By 2022, all of the pressure vessels will be replaced, since they will have reached the end of their useful life.

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

	-	
	-	
	-	

Project Title: (Page 2 of 2)		Membrane Replacement at RO Plant								
REVENUE / FUNDING SCHEDULE										
<b>#1) City Funding:</b>	Estimated PYS 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate		
General Fund - 001									-	
Road Improvement Fund - 170									-	
Capital Projects Fund - 301									-	
Park of Commerce - 304									-	
Master Plan Fund - 305									-	
Electric Fund - 401									-	
Water Fund - 402		-	-	-	250,000	250,000	250,000		750,000	
Local Sewer Fund - 403									-	
Regional Sewer Fund - 405									-	
Stormwater Fund - 408									-	
Refuse Fund - 410									-	
Information Tech. Fund - 510									-	
Garage Fund - 530									-	
<b>Total City Funding:</b>		-	-	-	250,000	250,000	250,000		<b>\$ 750,000</b>	
<b>#2) Grant Funding:</b>	Estimated PYS 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate		
Federal Grants									-	
State Grants									-	
County Grants									-	
<b>Total Grant Funding:</b>		-	-	-	-	-	-		<b>\$ -</b>	
<b>#3) Other Outside Funding:</b>	Estimated PYS 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate		
Bank Loan / Debt									-	
Bond Proceeds									-	
Internal Financing									-	
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-		<b>\$ -</b>	
<b>#4) Revenue Enhancements:</b>	Estimated PYS 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate		
									-	
									-	
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-		<b>\$ -</b>	
<b>Revenue Funding Summary:</b>	Estimated PYS 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate		
City Funding	-	-	-	-	250,000	250,000	250,000		750,000	
Grant Funding	-	-	-	-	-	-	-		-	
Other Outside Funding	-	-	-	-	-	-	-		-	
Revenue Enhancements	-	-	-	-	-	-	-		-	
<b>Total Revenue Funding:</b>		-	-	-	250,000	250,000	250,000		<b>\$ 750,000</b>	
<b>This section must be completed for all applicable projects.</b>										
<b>Net Operational Impact:</b>										
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>					<b>Net Impact</b>		
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>				-		<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	HS Pump #5 Replacement & VFDs	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				25,000				25,000
Land Acquisition								-
Permits								-
Construction				475,000				475,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	500,000	-	-	-	<b>\$ 500,000</b>

#### Project Description:

This project is to replace the Lake Worth Water Treatment Plant High Service Pump number 5. These high service pumps transmit the product water from the Water Plant through the distribution system and to the customers. The new pump will also be installed with a Variable Frequency Drive (VFD), along with VFDs for pumps 3 and 4, and the installation will include all associated electrical and instrumentation improvements. Pumps # 3 & 4 are set to be replaced in FY 2016, and pump #5 will be replaced in FY 2017.

#### 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								
<b>#1) City Funding:</b>	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	500,000	-	-	-	-	500,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	500,000	-	-	-	-	\$ 500,000
<b>#2) Grant Funding:</b>	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	500,000	-	-	-	-	500,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	500,000	-	-	-	-	\$ 500,000
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>						<b>Net Impact</b>
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>						\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	WTP Post Chlorination System	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WT-1609	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			236,500					236,500
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	236,500	-	-	-	-	<b>\$ 236,500</b>

#### Project Description:

This project is to add an additional three-metering chlorine pump skid and one additional application point on the discharge of the east clearwell. The project also includes upgrades to the SCADA control system for automatic control of the pump skids, along with replacement of the post RO metering pump from the existing skid.

#### Project Need / Justification / Benefits:

There is currently one two-metering chlorine pump skid at the water treatment plant, so the additional skid will provide redundancy and service to the additional application point. Currently, much chlorine is lost to evaporation from the flash mixer application point. This project will allow for a shelf spare metering pump with the replacement of the existing filter backwash metering pump.

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

	-	402-7022-533-63-00	-
	-		-
	-		-

Project Title: (Page 2 of 2)		WTP Post Chlorination System						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	236,500	-	-	-	-	236,500
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	236,500	-	-	-	-	\$ 236,500
<b>#2) Grant Funding:</b>	Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	236,500	-	-	-	-	236,500
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	236,500	-	-	-	-	\$ 236,500
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>					<b>Net Impact</b>
A.1- Revenue #1	-		B.1- Personnel:	-	B.5- Utilities:		-	
A.2- Revenue #2	-		B.2- Debt Service Co	-	B.6- Materials/Supplies		-	
A.3- Revenue #3	-		B.3- Contract Service	-	B.7- Equipment:		-	
A.4- Revenue #4	-		B.4- Fixed Costs:	-	B.8- Miscellaneous:		-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>					\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Local GST, N & S Booster Station Repairs	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WT-1602	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction		200,000	240,000	100,000	100,000	100,000	100,000	840,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		200,000	240,000	100,000	100,000	100,000	100,000	<b>\$ 840,000</b>

**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. It also includes structural and safety improvements to the North and South Booster tanks based on a structural inspection conducted in 2015. The ongoing project includes tank maintenance of the 2 elevated tanks and 3 ground storage tanks including painting and general repairs.

**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:**

	-	402-7022-533-63-00	-
	-		-
	-		-

Project Title: (Page 2 of 2)		Local GST, N & S Booster Station Repairs						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		200,000	240,000	100,000	100,000	100,000	100,000	840,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		200,000	240,000	100,000	100,000	100,000	100,000	\$ 840,000
<b>#2) Grant Funding:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	200,000	240,000	100,000	100,000	100,000	100,000	840,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		200,000	240,000	100,000	100,000	100,000	100,000	\$ 840,000
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>					<b>Net Impact</b>
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>					\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Flash Mixer Structural Modifications	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WT-1601	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction		80,000	500,000					580,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		80,000	500,000	-	-	-	-	<b>\$ 580,000</b>

#### Project Description:

This project will provide important structural upgrades to the deteriorating flash mixer in the Lime softening plant. A 16 inch bypass line will be installed as part of the project, since the existing mixer will need to be bypassed to continue operations during the repair. The Flash Mix Chamber repairs will include major concrete repair, grate replacement, and lining and sealing the chamber walls. The Flash Mixer chamber 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 chamber.

#### Project Need / Justification / Benefits:

After screening out debris and testing the raw water, water treatment really begins at the flash mix chamber. Here, lime, chlorine and coagulation aid are added to the water. In the flash mixer, the water is agitated violently for a short period of time before being released into the two settling basins. The Flash Mixer is in need of critical repairs to extend its useful life, and continue operating. This process is vital to the operations of the Lime Softening plant, as there is not currently a redundant unit, or even a bypass around the current unit.

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

	-	402-7022-533-63-00	-
	-		-
	-		-

Project Title: (Page 2 of 2)		Flash Mixer Structural Modifications						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		80,000	500,000	-	-	-	-	580,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>80,000</b>	<b>500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 580,000</b>
<b>#2) Grant Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
<b>#3) Other Outside Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
<b>#4) Revenue Enhancements:</b>	Estimated		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
								-
<b>Total Revenue Enhancements:</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
<b>Revenue Funding Summary:</b>	Estimated		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
City Funding	-	80,000	500,000	-	-	-	-	580,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>80,000</b>	<b>500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 580,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>		<b>Expense Totals (B.1 -to- B.8)</b>	<b>-</b>		<b>-</b>		<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Clearwell Structural Improvements	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WT-1603	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures					Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020
Pre-Construction (i.e. Survey)							-
Design / Plans / Engineering		70,000					70,000
Land Acquisition							-
Permits							-
Construction			750,000				750,000
Inspection / Testing							-
Furniture / Fixtures / Equipment							-
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		70,000	750,000	-	-	-	<b>\$ 820,000</b>

#### Project Description:

This project will provide crucial structural repairs to the aging East Clearwell, which has a storage capacity of 1.8 million gallons of finished water, and is used in day to day operations of the water plant. The repairs will be based on the recommendations and findings of the structural engineering consultant's letter report. This project also includes repair of the southeast corner of the clearwell along with installation of a new transfer pump from the local ground storage tank.

#### Project Need / Justification / Benefits:

The Lake Worth Water Treatment Plant has two clearwells for the storage of treated water, the East clearwell and the North clearwell. While inspecting the clearwells during the 4LOG Disinfection improvement project in 2014, structural deterioration was noted in the East clearwell. A further inspection was conducted by Bridge Design, and their findings were summarized in a letter report.

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

	-	402-7022-533-63-00	-
	-		-
	-		-

Project Title: (Page 2 of 2)		Clearwell Structural Improvements							
REVENUE / FUNDING SCHEDULE									
<b>#1) City Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021		
	General Fund - 001							-	
	Road Improvement Fund - 170							-	
	Capital Projects Fund - 301							-	
	Park of Commerce - 304							-	
	Master Plan Fund - 305							-	
	Electric Fund - 401							-	
	Water Fund - 402	70,000	750,000	-	-	-	-	820,000	
	Local Sewer Fund - 403							-	
	Regional Sewer Fund - 405							-	
	Stormwater Fund - 408							-	
	Refuse Fund - 410							-	
	Information Tech. Fund - 510							-	
Garage Fund - 530							-		
<b>Total City Funding:</b>	<b>70,000</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 820,000</b>		
<b>#2) Grant Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021		
	Federal Grants							-	
	State Grants							-	
	County Grants							-	
<b>Total Grant Funding:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>		
<b>#3) Other Outside Funding:</b>	Expenditures		FY	FY	FY	FY	FY	Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021		
	Bank Loan / Debt							-	
	Bond Proceeds							-	
	Internal Financing							-	
<b>Total Other Outside Funding:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>		
<b>#4) Revenue Enhancements:</b>	Estimated		FY	FY	FY	FY	FY	Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021		
								-	
								-	
	<b>Total Revenue Enhancements:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>	
<b>Revenue Funding Summary:</b>	Estimated		FY	FY	FY	FY	FY	Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021		
	City Funding	-	70,000	750,000	-	-	-	-	820,000
	Grant Funding	-	-	-	-	-	-	-	-
	Other Outside Funding	-	-	-	-	-	-	-	-
	Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>70,000</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 820,000</b>	
<b>This section must be completed for all applicable projects.</b>									
<b>Net Operational Impact:</b>									
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>		
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:	-				
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>				<b>-</b>	<b>\$</b>	<b>-</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Wash Water Recovery Basin	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering		10,000	100,000					110,000
Land Acquisition								-
Permits								-
Construction				1,200,000				1,200,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		<b>10,000</b>	<b>100,000</b>	<b>1,200,000</b>	-	-	-	<b>1,310,000</b>

#### Project Description:

This project will include the construction of a new 300,000 gallon Washwater Recovery Basin at the Water Treatment Plant, along with transfer piping to the new basin and transfer piping from the new basin to the Flash Mixer. A new washwater pump station would also need to be constructed as part of this project.

#### Project Need / Justification / Benefits:

The lime softening portion of the water plant includes six filter basins where the treated water is filtered prior to chlorination and distribution. These filters need to be backwashed two times per week, with finished water from the North Clearwell. After the filters have been backwashed, the water is discharged to the Lime Sludge Settling Basin, and is then pumped down the Deep Injection Well. The plant uses approximately 400,000 gallons of backwash water each week, or about 20 million gallons per year. This is similar to the yearly raw water supply from one production well. This project would conserve the 20 million gallons per year by rerouting it to a newly constructed washwater recovery basin, and then sending the water to the beginning of the Lime Softening process at the Flash Mixer. It will also save on the operating costs of pumping the backwash water down the deep well.

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

	-	402-7022-533-63-00	-
	-		-
	-		-

Project Title: (Page 2 of 2)		Wash Water Recovery Basin						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		10,000	100,000	1,200,000	-	-	-	1,310,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		10,000	100,000	1,200,000	-	-	-	<b>\$ 1,310,000</b>
<b>#2) Grant Funding:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>#3) Other Outside Funding:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>#4) Revenue Enhancements:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>Revenue Funding Summary:</b>	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	10,000	100,000	1,200,000	-	-	-	1,310,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		10,000	100,000	1,200,000	-	-	-	<b>\$ 1,310,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Design-Build Generator Screen Walls	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	301 College Street
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			50,000					50,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	50,000	-	-	-	-	<b>\$ 50,000</b>

#### **Project Description:**

This project includes engineering design plans and construction of two concrete masonry screen walls; one for the lime plant generator and one for the RO plant generator. The walls will be screen walls located approximately 3-feet from the existing enclosure wall that has louvers on it, which allow the generator the required amount of airflow and venting.

#### **Project Need / Justification / Benefits:**

This project was identified as necessary for the reliability and function of the generators in the case of a hurricane or emergency storm situation. Other water plants have had generator failures from wind bringing rain through the louvers into the generator room causing the generator to shut off and the water treatment plant to shut down. This measure would provide a barricade and protection of the generators.

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

	-	402-7022-533-63-00	-
	-		-
	-		-

Project Title: (Page 2 of 2)		Design-Build Generator Screen Walls						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	50,000	-	-	-	-	50,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	50,000	-	-	-	-	<b>\$ 50,000</b>
#2) Grant Funding:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	50,000	-	-	-	-	50,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	50,000	-	-	-	-	<b>\$ 50,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>	-		-		<b>\$ -</b>



### Capital Improvement Program (CIP)

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

(Page 1 of 2)

<b>Project Title:</b>	Well #17	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	1900 2nd Ave N
<b>Project Identification Number:</b>	UT-WT-1604	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	(X) New (X ) Existing ( ) 1-Year (X) Multi-Yr	<b>Project Priority:</b>	3

**BUDGETED EXPENDITURE SCHEDULE**

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
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								-
<b>Total Expenditures</b>		-	<b>60,000</b>	<b>662,000</b>	-	-	-	<b>\$ 722,000</b>

**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:**

	-	402-7021-533-63-00	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	60,000	662,000	-	-	-	722,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	60,000	662,000	-	-	-	\$ 722,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding		-	60,000	662,000	-	-	-	722,000
Grant Funding		-	-	-	-	-	-	-
Other Outside Funding		-	-	-	-	-	-	-
Revenue Enhancements		-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	60,000	662,000	-	-	-	\$ 722,000

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>			-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Well #F-4 New Construction	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	L Worth Rd & Louis Dr
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYS 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)							-	
Design / Plans / Engineering						80,000	80,000	
Land Acquisition							-	
Permits							-	
Construction						1,000,000	1,000,000	
Inspection / Testing							-	
Furniture / Fixtures / Equipment							-	
Contingency / Miscellaneous							-	
Other / Indirect							-	
<b>Total Expenditures</b>		-	-	-	-	80,000	1,000,000	<b>\$ 1,080,000</b>

#### **Project Description:**

The design, drilling, permitting and construction of a new Floridan Aquifer production well, to include and 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. Per Water & Sewer Dept - Project pushed backed from FY 2015 to FY 2020 for Design Costs, and full construction costs will be provided in FY 2021.

#### **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:**

	-	-
	-	-
	-	-

Project Title: (Page 2 of 2)		Well #F-4 New Construction						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated PYS	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	-	-	-	80,000	1,000,000	1,080,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	-	-	80,000	1,000,000	\$ 1,080,000
<b>#2) Grant Funding:</b>	Estimated PYS	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated PYS	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated PYS	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated PYS	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	-	-	-	80,000	1,000,000	1,080,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	-	-	80,000	1,000,000	\$ 1,080,000
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>					-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Well #9 Generator	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated						Total Project Estimate
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	
Pre-Construction (i.e. Survey)							-
Design / Plans / Engineering							-
Land Acquisition							-
Permits							-
Construction				100,000			100,000
Inspection / Testing							-
Furniture / Fixtures / Equipment							-
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		-	-	100,000	-	-	\$ 100,000

#### Project Description:

This project consists of the purchase and installation of a new generator to serve Surficial Production Well #9 with an onsite permanent emergency power supply.

#### Project Need / Justification / Benefits:

During a major storm event there is a probability of a power outage that could affect the production of potable water. It is important to have backup generator power to serve both the Water Treatment Plant and the Surface Water Production Wells that supply raw water to the plant. Currently, Production Wells 7, 12 and 15 have backup generators. This would provide a raw water supply of approximately 2.5 million gallons per day during a power outage. Installing a new generator at the Well 9 site would provide an additional raw water supply of 1 million gallons per day while on emergency power. This well was recently rehabilitated and is in excellent working condition.

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

	-	
	-	
	-	

Project Title: (Page 2 of 2)		Well #9 Generator						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated PYs	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	-	100,000	-	-	-	100,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	100,000	-	-	-	\$ 100,000
<b>#2) Grant Funding:</b>	Estimated PYs	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated PYs	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated PYs	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated PYs	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	-	100,000	-	-	-	100,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	100,000	-	-	-	\$ 100,000
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>					<b>Net Impact</b>
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	\$ -	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Well #18	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	1900 2nd Ave N
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	(X) New ( ) Existing ( ) 1-Year (X) Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
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								-
<b>Total Expenditures</b>		-	-	-	60,000	662,000	-	<b>\$ 722,000</b>

**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:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	-	-	60,000	662,000	-	722,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	-	60,000	662,000	-	\$ 722,000

#2) Grant Funding:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs	FY2016 Bud						
City Funding	-	-	-	-	60,000	662,000	-	722,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	-	60,000	662,000	-	\$ 722,000

**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:	-	
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>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

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

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction				102,000		102,000		204,000
Inspection / Testing				12,000		12,000		24,000
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				6,000		6,000		12,000
Other / Indirect								-
<b>Total Expenditures</b>		-	-	120,000	-	120,000	-	<b>\$ 240,000</b>

#### Project Description:

The construction of a new 16-inch Raw Watermain to serve the proposed new potable wells: #16, #17, #18. The portion of the Raw Watermain starting at the existing 20-inch Raw Watermain located along Lake Osborne Drive and following 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 was constructed in 2014. The next phases of the project will extend the raw watermain to the proposed Wells 17 and 18. 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:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	-	120,000	-	120,000	-	240,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	120,000	-	120,000	-	\$ 240,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	-	120,000	-	120,000	-	240,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	120,000	-	120,000	-	\$ 240,000

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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-					\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Well #7 Rehabilitation	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Water Treatment
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				45,000				45,000
Land Acquisition								-
Permits								-
Construction					440,000			440,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	45,000	440,000	-	-	<b>\$ 485,000</b>

#### Project Description:

This well is XX inches in diameter drilled to XX ft deep, and cased to a depth of XX ft. 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:

This project was identified by the water treatment staff as a necessary project as the amount of water able to be pulled from this well is decreasing each year. The well is a low-producing well that was developed in 1989. As part of our SFWMD Consumptive Use Permit, this well was scheduled to be abandoned, but it was since switched to abandon well 2, because there is a generator providing back up electrical service at well 7.

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

	-		-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		-	-	45,000	440,000	-	-	485,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	45,000	440,000	-	-	<b>\$ 485,000</b>
#2) Grant Funding:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	-	45,000	440,000	-	-	485,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	45,000	440,000	-	-	<b>\$ 485,000</b>
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>						<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Sewer Main Replace Masterplan Projects	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			134,671			63,203	21,300	219,173
Land Acquisition								-
Permits								-
Construction		1,227,031	7,626	1,061,290	382,986	-	421,350	3,100,283
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		1,227,031	142,297	1,061,290	382,986	63,203	442,650	<b>\$ 3,319,457</b>

### Project Description:

Vassar & Byrn Mawr			\$43,921	\$292,805				336,726
Duke, Lakeside Dr, Wellesley Dr			\$90,750	\$605,000				695,750
15, 16, 17, 18 Ave N; Terr Dr					\$219,501			219,501
Wright, Small, Barber Dr						\$21,300		21,300
S East Coast & S H St						\$63,203	\$421,350	484,553
Park of Commerce		\$26,300	\$7,626	\$163,485	163,485	\$-	\$-	360,896
<b>Legend</b>		<b>\$ 1,253,331</b>	<b>\$ 142,297</b>	<b>\$ 1,061,290</b>	<b>\$ 382,986</b>	<b>\$ 63,203</b>	<b>\$ 442,650</b>	<b>\$ 3,345,757</b>

Construction Cost

Engineering and Design Costs

Includes Trench patch and mill/ resurface. Assuming no PS involvement

### Project Need / Justification / Benefits:

These projects, which place value 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 Utilities fire protection plan and proposed sewer rehabilitation project schedule with the 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) and 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:

	-	403-7231-535-63-15	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403		1,227,031	134,671	897,805	219,501	63,203	442,650	2,984,861
Local Sewer Fund - 403-POC		26,300	7,626	121,633	121,633			277,192
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>1,253,331</b>	<b>142,297</b>	<b>1,019,438</b>	<b>341,134</b>	<b>63,203</b>	<b>442,650</b>	<b>\$ 3,262,053</b>

#2) Grant Funding:	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants (EDA) POC			-	41,852	41,852			83,704
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	<b>41,852</b>	<b>41,852</b>	-	-	<b>\$ 83,704</b>

#3) Other Outside Funding:	Estimated PYs 9/30/15	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated PYs	Expenditures FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	1,253,331	142,297	1,019,438	341,134	63,203	442,650	3,262,053
Grant Funding	-	-	-	41,852	41,852	-	-	83,704
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>1,253,331</b>	<b>142,297</b>	<b>1,061,290</b>	<b>382,986</b>	<b>63,203</b>	<b>442,650</b>	<b>\$ 3,345,757</b>

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: -
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-	<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Global Manhole Rehab Lining	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Exist <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction		100,000	150,000	150,000	150,000	150,000	150,000	850,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		<b>100,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>\$ 850,000</b>

**Project Description:**

The annual rehabilitation of the interior of the sanitary sewer manholes is through the application of 100% Calcium Aluminate to prolong the lifespan of the manhole.

**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:**

	-	403-7231-535-63-15	-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated PYS	FY2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403		100,000	150,000	150,000	150,000	150,000	150,000	850,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>100,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>\$ 850,000</b>
<b>#2) Grant Funding:</b>	Estimated PYS	FY2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>#3) Other Outside Funding:</b>	Estimated PYS	FY2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>#4) Revenue Enhancements:</b>	Estimated PYS	FY2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
<b>Revenue Funding Summary:</b>	Estimated PYS	FY2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Project Estimate
City Funding	-	100,000	150,000	150,000	150,000	150,000	150,000	850,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>100,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>\$ 850,000</b>
This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>					<b>Net Impact</b>
A.1- Revenue #1	-		B.1- Personnel:	-	B.5- Utilities:	-		
A.2- Revenue #2	-		B.2- Debt Service Cos	-	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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	11th Avenue North Trunkline Rehab	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	11th Ave North
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction	50,000			1,400,000				1,450,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		50,000	-	1,400,000	-	-	-	<b>\$ 1,450,000</b>

**Project Description:**

This work will involve replacing a badly deteriorated 10-inch to 12-inch vitrified clay trunk sewer line along 11th Avenue North that has created innumerable sewer backups in the area. The portion of the line from A street to the FEC right of way will be a complete tear up project. The portion of the line from the FEC railroad to Golfview Road will be rehabilitated using 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 replacement & rehabilitation shall be approximately 4,900 ft.

**Project Need / Justification / Benefits:**

The 11th Ave N sanitary sewer between N A St and Golfview Road is in a substantially deteriorated condition and had a break in the line within 10-feet of the FEC railroad in late 2015. An emergency repair was completed but the line still needs to be fully replaced under the railroad track. This has resulted in subsidence of the street surface in several locations, and several backups in the area. The proposed pipe repair is to slip line 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, and increases the operating costs for the utility department. This extra volume of water can also possibly overload the sewage collection system pipes causing backups or spills of raw sewage. This project 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:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001					-	-	-	-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403	50,000			1,400,000				1,450,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		50,000	-	1,400,000	-	-	-	\$ 1,450,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			-	1,400,000	-	-	-	1,400,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	1,400,000	-	-	-	\$ 1,400,000

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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	3rd Avenue North Sewer Lining	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	(X) New    ( ) Existing    ( ) 1-Year    (X) Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020
Pre-Construction (i.e. Survey)		10,000					10,000
Design / Plans / Engineering		40,000					40,000
Land Acquisition							-
Permits							-
Construction				1,000,000			1,000,000
Inspection / Testing							-
Furniture / Fixtures / Equipment							-
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		<b>50,000</b>	-	<b>1,000,000</b>	-	-	<b>\$ 1,050,000</b>

#### 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 slip line 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:

	-	403-7231-535-63-15	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001					-	-	-	-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402		50,000		1,000,000				1,050,000
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		50,000	-	1,000,000	-	-	-	<b>\$ 1,050,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			-	1,000,000	-	-	-	1,050,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		50,000	-	1,000,000	-	-	-	<b>\$ 1,050,000</b>

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:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-		<b>\$ -</b>



**Capital Improvement Program (CIP)  
Project Request Form**  
*(For Projects / Items Costing Over \$25,000)*

(Page 1 of 2)

<b>Project Title:</b>	Lift Station 4 Interceptor Lining	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

**BUDGETED EXPENDITURE SCHEDULE**

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			-	25,000				25,000
Land Acquisition			-					-
Permits								-
Construction			-	475,000				475,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	500,000	-	-	-	<b>500,000</b>

**Project Description:**

This project is for the rehabilitation of the 36 inch RCP gravity sewer trunkline located in the Golf Course that discharges to Lift Station #4. A cured-in-place liner will be installed, which is essentially a new pipe, restoring normal wastewater flow and correcting infiltration problems in this section of pipeline, pending the results of televistation of this line. Some sections of pipe may need to be replaced. The total length of the pipe shall be approximately 1,300 ft.

**Project Need / Justification / Benefits:**

Lift Station #4 is the lift station with the second highest flow rate in the City, after the Master Pump Station. There is a 36 inch reinforced concrete gravity sewer line that spans the north end of the golf course to the lift station. Currently, the pipeline receives flow from the 10th Ave N trunkline, and has a tremendous amount of inflow and infiltration due to the high groundwater table. Lining this trunkline will significantly reduce the flows to Lift Station #4. This will result decreased operating costs associated with pumping and treatment of this water. It will also restore the structural integrity of the pipeline. The project is scheduled for construction after the replacement of Lift Station #4, which is occurring in FY 2016.

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

	-		-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			-	500,000				500,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	500,000	-	-	-	<b>500,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>-</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>-</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>-</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	-	500,000	-	-	-	500,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	500,000	-	-	-	<b>500,000</b>
This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>					<b>Net Impact</b>
A.1- Revenue #1	-		B.1- Personnel:		0	B.5- Utilities:	-	
A.2- Revenue #2	-		B.2- Debt Service Costs:		0	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-		B.3- Contract Services:		0	B.7- Equipment:	-	
A.4- Revenue #4	-		B.4- Fixed Costs:		0	B.8- Miscellaneous:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>-</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Sewer Collector Main Rehab	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
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								-
<b>Total Expenditures</b>		-	200,000	200,000	200,000	200,000	200,000	<b>\$ 1,000,000</b>

**Project Description:**

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

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

	-		-
	-	403-7231-535-63-15	-
	-		-

Project Title: (Page 2 of 2)		Sewer Collector Main Rehab						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			200,000	200,000	200,000	200,000	200,000	1,000,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	200,000	200,000	200,000	200,000	200,000	<b>\$ 1,000,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			200,000	200,000	200,000	200,000	200,000	1,000,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	200,000	200,000	200,000	200,000	200,000	<b>\$ 1,000,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>	-		-		<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Lift Station #15 Electrical Panel & ATS Replace	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City wide
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			20,000					20,000
Land Acquisition								-
Permits								-
Construction			80,000					80,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	100,000	-	-	-	-	100,000

**Project Description:**

This project has been identified by sewer collection staff as replacement of the existing electrical panel, controls, and RTU. With the relocation of the old generator from LS 4 to LS 15, an Automatic Transfer Switch is proposed that will switch power from electrical to generator automatically rather than manually.

**Project Need / Justification / Benefits:**

This project is necessary because the hydrogen sulfide gases that develop from the sewer gases in the wetwell have caused corrosion and deterioration of the wiring and into the control panel. It is necessary to replace this control panel because this station is a repump station and other lift stations upstream depend on it. The Automatic Transfer Switch is necessary in the event that the power needs to be switched from electric to generator in a fast manner without sending an employee out to have to switch it and have unnecessary downtime of the station out of service.

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

	-	403-7231-535-63-15	-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			100,000					100,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>	-		100,000	-	-	-	-	100,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>	-		-	-	-	-	-	-

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>	-		-	-	-	-	-	-

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>	-		-	-	-	-	-	-

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	100,000	-	-	-	-	100,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	-		100,000	-	-	-	-	100,000

**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:	0	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	0	B.6- Materials/Supplies	-
A.3- Revenue #3	-	B.3- Contract Services:	0	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	0	B.8- Miscellaneous:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>			-



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Lift Stations Rehabilitation-General	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Local Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			100,000	100,000	100,000	100,000	100,000	500,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	100,000	100,000	100,000	100,000	100,000	\$ 500,000

**Project Description:**

This project has been identified by lift station maintenance staff as some of the city's 77+ lift stations tend to have issues and need repair.

**Project Need / Justification / Benefits:**

The City maintains some lift stations that were constructed in the 1960s and 1970s. In order to keep all the stations operational, ongoing maintenance is necessary. Also, several of the private pump stations in the City have been abandoned and turned over to the City in poor condition.

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

	-		-
	-	403-7231-535-63-15	-
	-		-

Project Title: (Page 2 of 2)		Lift Stations Rehabilitation-General						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			100,000	100,000	100,000	100,000	100,000	500,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	100,000	100,000	100,000	100,000	100,000	<b>\$ 500,000</b>
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			100,000	100,000	100,000	100,000	100,000	500,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	100,000	100,000	100,000	100,000	100,000	<b>\$ 500,000</b>
<b>This section must be completed for all applicable projects.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				-	<b>\$ -</b>	



**Capital Improvement Program (CIP)  
Project Request Form**  
*(For Projects / Items Costing Over \$25,000)*

(Page 1 of 2)

<b>Project Title:</b>	Design-Build Generator Screen Wall				<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities				<b>Division:</b>	Regional Sewer
<b>Project Manager:</b>	Brian Shields				<b>Project Location:</b>	202 S Golfview Rd
<b>Project Identification Number:</b>	UT-WTXXXX				<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Existing	<input type="checkbox"/> 1-Year	<input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

**BUDGETED EXPENDITURE SCHEDULE**

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			25,000					25,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	25,000	-	-	-	-	25,000

**Project Description:**

This project includes engineering design plans and construction of a concrete masonry screen wall for the Master Lift Station generator. The wall will be a screen wall located approximately 3-feet from the existing generator enclosure wall that has louvers on it, which allow the generator the required amount of airflow and venting.

**Project Need / Justification / Benefits:**

This project was identified as necessary for the reliability and function of the generator in the case of a hurricane or emergency storm situation. Other water plants have had generator failures from wind bringing rain through the louvers into the generator room causing the generator to shut off and the water treatment plant to shut down. This measure would provide a barricade and protection of the generator at the Master Lift Station, as this is a vital component of the wastewater system in Lake Worth. The MLS and wastewater system can only be out of service for potentially 6 hours, so if power was lost and the generator was shut down, the damage would be sewer overflows all over the City.

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

		406-7490-535-62-20	

Project Title: (Page 2 of 2)		Design-Build Generator Screen Wall						
REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 406			25,000					25,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	25,000	-	-	-	-	25,000
#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	-
#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	-
#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	-
Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding	-	-	25,000	-	-	-	-	25,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	25,000	-	-	-	-	25,000
<b>This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.</b>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
A.1- Revenue #1	-	B.1- Personnel:	0	B.5- Utilities:	-			
A.2- Revenue #2	-	B.2- Debt Service Costs:	0	B.6- Materials/Supplies:	-			
A.3- Revenue #3	-	B.3- Contract Services:	0	B.7- Equipment:	-			
A.4- Revenue #4	-	B.4- Fixed Costs:	0	B.8- Miscellaneous:	-			
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>						\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	ECR Shared Forcemain Assessment	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Regional Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate	
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020
Pre-Construction (i.e. Survey)							-
Design / Plans / Engineering							-
Land Acquisition							-
Permits							-
Construction				500,000			500,000
Inspection / Testing							-
Furniture / Fixtures / Equipment							-
Contingency / Miscellaneous							-
Other / Indirect							-
<b>Total Expenditures</b>		-	-	500,000	-	-	<b>\$ 500,000</b>

**Project Description:**

This project has been identified by sewer collection staff as a necessary investigation to assess the condition of the 36-inch forcemain from the MLS to the limits of the regional partners where it becomes Palm Beach County's main on Florida Mango Road. This assessment will include television of the 23,000 feet of 36-inch main, review of conditions observed, potential coupon testing, pipe wall thickness testing, among other measures.

**Project Need / Justification / Benefits:**

This project is necessary to check the condition of the main as hydrogen sulfide is a gas in sewer mains that can eat away at pipe and has potential for pipe breaks and leaks. The last condition assessment of this forcemain was completed in 2007, which was 10 years ago.

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

	-	-
	-	-
	-	-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001					-	-	-	-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 406				500,000				500,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			-	500,000	-	-	-	<b>\$ 500,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			-	500,000	-	-	-	500,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			-	500,000	-	-	-	<b>\$ 500,000</b>

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>				<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Replace Lift Station #12	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Regional Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	202 S Golfview Rd
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
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								-
<b>Total Expenditures</b>		-	40,000	400,000	-	-	-	<b>\$ 440,000</b>

**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, valves, 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:**

406-7490-535-62-20	-		-
	-		-
	-		-

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001				-	-	-	-	-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 406			40,000	400,000				440,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	40,000	400,000	-	-	-	\$ 440,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			40,000	400,000	-	-	-	440,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	40,000	400,000	-	-	-	\$ 440,000

**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:	-	
<b>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	-		-	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	MPS Pump Replacement 102, 103, 101, 104	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utility Water & Sewer	<b>Division:</b>	Regional Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	202 S Golfview Rd
<b>Project Identification Number:</b>		<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures					Total Project Estimate		
	PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019		FY 2020	FY 2021
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction				300,000	300,000	300,000	300,000	1,200,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	300,000	300,000	300,000	300,000	<b>\$ 1,200,000</b>

**Project Description:**

This project has been identified by sewer collection and lift station staff as a necessary plan in order to keep the Master Lift Station in operation and phase the necessary pump replacement of the four pumps over several years, as has been done in the past.

**Project Need / Justification / Benefits:**

This project is necessary as a replacement effort as each of the pumps is 10 years old and critical to the Master Lift Station that was built and completed construction in 2007. These 405 hp EMU pumps have a lead time of 1 year, so need to be ordered well in advance. The pumps pump all of the sewer collection flow from Lake Worth and the sub-regional customers from the Master Lift Station at 202 S Golfview Road to the ECRWRF. Pump 101 is currently being repaired in FY 2016 and had a lead time on parts of 6-8 months.

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

	-	
	-	
	-	

**REVENUE / FUNDING SCHEDULE**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 406				300,000	300,000	300,000	300,000	1,200,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>		-	-	300,000	300,000	300,000	300,000	\$ 1,200,000

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
	PYs 9/30/15	FY2016 Bud						
City Funding			-	300,000	300,000	300,000	300,000	1,200,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	-	300,000	300,000	300,000	300,000	\$ 1,200,000

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:	-
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>Revenue Totals (A.1 -to- A.4)</b>	-	<b>Expense Totals (B.1 -to- B.8)</b>	\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	MPS Backup Pump	<b>Category Criteria</b>	Improvements
<b>Department:</b>	Utilities	<b>Division:</b>	Regional Sewer
<b>Project Manager:</b>	Brian Shields	<b>Project Location:</b>	202 S Golfview Rd
<b>Project Identification Number:</b>	UT-WTXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	3

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction				220,000				220,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	-	220,000	-	-	-	<b>\$ 220,000</b>

**Project Description:**

This project has been identified by sewer collection and lift station staff as a necessary plan in order to keep the Master Lift Station in operation at all times. This project includes a back-up pump that will be mounted on a modified slab outside of the master pump station building onsite.

**Project Need / Justification / Benefits:**

This project is necessary as a backup in the case of power loss at the station and generator failure. The existing pumps in the master lift station are operated on electrical power, but can also be operated on generator stand-by power. In the event of failure of both of these options, the proposed pump will serve to keep the station in operation, as it is a critical station not only to Lake Worth, but to the 6 sub-regional customers that send flow through this station.

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

	-	-
	-	-
	-	-

Project Title: (Page 2 of 2)		MPS Backup Pump						
REVENUE / FUNDING SCHEDULE								
<b>#1) City Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
General Fund - 001								-
Road Improvement Fund - 170								-
Capital Projects Fund - 301								-
Park of Commerce - 304								-
Master Plan Fund - 305								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 406			-	220,000	-	-	-	220,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
<b>Total City Funding:</b>			-	220,000	-	-	-	\$ 220,000
<b>#2) Grant Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	\$ -
<b>#3) Other Outside Funding:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	\$ -
<b>#4) Revenue Enhancements:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	\$ -
<b>Revenue Funding Summary:</b>	Estimated Expenditures PYs 9/30/15	FY2016 Bud	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Project Estimate
City Funding	-	-	-	220,000	-	-	-	220,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>			-	220,000	-	-	-	\$ 220,000
<p><b>This section must be completed for all applicable projects.</b>  <b>Please list future revenues and expenses once project is completed and fully operational.</b></p>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>			<b>B. Expenses Incurred:</b>				<b>Net Impact</b>	
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:	-		
<b>Revenue Totals (A.1 -to- A.4)</b>	-		<b>Expense Totals (B.1 -to- B.8)</b>	-		-		\$ -



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Microsoft Enterprise Agreement	<b>Category Criteria</b>	<b>Cost Benefit/Savings</b>
<b>Responsible Department:</b>	Information Technology	<b>Division:</b>	Information Technology
<b>Project Manager:</b>	Director	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	IT1402	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	4

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect	49,929	49,929	49,929					149,787
<b>Total Expenditures</b>	<b>99,858</b>		<b>\$ 49,929</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 149,787</b>

**Project Description:**

The Microsoft enterprise license agreement three year contract was approved by commission on 10/21/2014, item 9E. Funding required for the 3rd year of the contract.

**Project Need / Justification / Benefits:**

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

	-	-
Acct # 510-1520-519-6415	-	-
	-	-

**Revenue / Funding Schedule**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 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	49,929	49,929	49,929	-	-	-	-	149,787
Garage Fund - 530								-
<b>Total City Funding:</b>	<b>99,858</b>		<b>49,929</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 149,787</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
<b>Total Other Outside Funding:</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
City Funding	49,929	49,929	49,929	-	-	-	-	149,787
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>99,858</b>		<b>\$ 49,929</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 149,787</b>

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:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>Expense Totals (B.1 -to- B.8)</b>		<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Computer Workstation Upgrades	<b>Category Criteria</b>	Quality of Life
<b>Responsible Department:</b>	Information Technology	<b>Division:</b>	Facilities
<b>Project Manager:</b>	Director	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	IT1501	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud						Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	249,500	25,000	35,000	35,000	35,000	35,000	35,000	449,500
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>	<b>274,500</b>		<b>\$ 35,000</b>	<b>\$ 449,500</b>				

**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 320 computer workstations.

By allocating \$25,000 a year, the City will be able to replace 30 computers or one-tenth of the computers every year.

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:**

Computer workstations or Laptops	25,000		-
Acct # 510-1520-519-64-15	-		-
	-		-

**Revenue / Funding Schedule**

#1) City Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
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	249,500	25,000	35,000	35,000	35,000	35,000	35,000	449,500
Garage Fund - 530								-
<b>Total City Funding:</b>	<b>274,500</b>		<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>\$ 449,500</b>
#2) Grant Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
City Funding	224,500	50,000	35,000	35,000	35,000	35,000	35,000	449,500
Grant Funding								-
Other Outside Funding								-
Revenue Enhancements								-
<b>Total Revenue Funding:</b>	<b>274,500</b>		<b>\$ 35,000</b>	<b>\$ 449,500</b>				

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:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>			<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Computer Server Upgrades	<b>Category Criteria</b>	Improvements
<b>Responsible Department:</b>	Information Technology	<b>Division:</b>	Information Technology
<b>Project Manager:</b>	Director	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	IT-1303	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	2

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	50,000	25,000	15,000	50,000	50,000	50,000	50,000	290,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>	<b>75,000</b>		<b>\$ 15,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 290,000</b>

**Project Description:**

The approval of this project will ensure the City's computer servers are replaced on a five-year rotation. Purchase one SAN & two physical servers which are end of life. In addition, microsoft windows server software must be upgraded.

**Project Need / Justification / Benefits:**

The City currently utilizes approximately 102 physical and virtual 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, the City will be able to replace 1 SAN and 2 physical servers. 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	-		-
Acct # 510-1520-519-6415	-		-
	-		-

**Revenue / Funding Schedule**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 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	50,000	25,000	15,000	50,000	50,000	50,000	50,000	290,000
Garage Fund - 530								-
<b>Total City Funding:</b>	<b>75,000</b>		<b>15,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>\$ 290,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
City Funding	50,000	25,000	15,000	50,000	50,000	50,000	50,000	290,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>75,000</b>		<b>\$ 15,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 290,000</b>

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:
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>	<b>-</b>	<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Data Recovery - Off Site Storage & Backup	<b>Category Criteria</b>	Improvements
<b>Responsible Department:</b>	Information Technology	<b>Division:</b>	Information Technology
<b>Project Manager:</b>	Director	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	IS-ITXXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	(X) New    ( ) Existing    ( ) 1-Year    ( ) Multi-Yr	<b>Project Priority:</b>	5

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			25,000					25,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>			\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

**Project Description:**

The approval of this project will ensure the City has a disaster recovery plan for all City data stored currently in house. The funding amount for this CIP will decrease each year as the City transitions from a traditional PC to "Thin Client" computers. Thin Client computers do not have processing power, all processing is done on a central server.

**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:**

Acct # 510-1520-519-64-15	-			-
	-			-

Project Title: (Page 2 of 2)		Data Recovery - Off Site Storage & Backup						
Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
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	-	-	25,000	-	-	-	-	25,000
Garage Fund - 530								-
<b>Total City Funding:</b>			<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 25,000</b>
#2) Grant Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
#3) Other Outside Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
<b>Total Other Outside Funding:</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
#4) Revenue Enhancements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
								-
								-
<b>Total Revenue Enhancements:</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>
Revenue Funding Summary:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
City Funding	-		25,000	-	-	-	-	25,000
Grant Funding								-
Other Outside Funding								-
Revenue Enhancements								-
<b>Total Revenue Funding:</b>			<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25,000</b>
<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>								
<b>Net Operational Impact:</b>								
<b>A. Revenues Generated:</b>		<b>B. Expenses Incurred:</b>					<b>Net Impact</b>	
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:		-	
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>-</b>	<b>Expense Totals (B.1 -to- B.8)</b>					<b>\$ -</b>	



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	ESRI	<b>Category Criteria</b>	<b>Cost Benefit/Savings</b>
<b>Responsible Department:</b>	Information Technology	<b>Division:</b>	Information Technology
<b>Project Manager:</b>	Director	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	IT1601	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	4

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect		35,000	35,000	35,000				105,000
<b>Total Expenditures</b>		35,000	\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ 105,000

**Project Description:**

The GIS ESRI enterprise license agreement three year contract was approved by commission on 1/19/2016, item 9B. Funding required for the 2nd year of the contract.

**Project Need / Justification / Benefits:**

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

Acct # 510-1520-519-6415	-	-
	-	-
	-	-

**Revenue / Funding Schedule**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 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	35,000	35,000	-	-	-	105,000
Garage Fund - 530								-
<b>Total City Funding:</b>		<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 105,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
								-
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
City Funding	-	35,000	35,000	35,000	-	-	-	105,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		<b>35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 105,000</b>

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:	-
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>Expense Totals (B.1 -to- B.8)</b>		<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

<b>Project Title:</b>	Network Risk Assessment & Audit	<b>Category Criteria</b>	Quality of Life
<b>Responsible Department:</b>	Information Technology	<b>Division:</b>	Administration
<b>Project Manager:</b>	Director	<b>Project Location:</b>	City Wide
<b>Project Identification Number:</b>	IT-XX-XXXX	<b>Programmed:</b>	Yes
<b>Project Type / Duration:</b>	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	<b>Project Priority:</b>	4

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			25,000	25,000	25,000	25,000	25,000	125,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>		-	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

**Project Description:**

The Network Risk Assessment & Audit project will allow us to evaluate the City's IT network and help us identify any vulnerabilities we have externally or internally.

**Project Need / Justification / Benefits:**

The Network Risk Assessment & Audit is necessary for the sole purpose of evaluating and identifying security holes we may have internally and externally. This will allow the IT department to proactively address any security concerns arising from the findings. The City's network will be surveyed and scanned for vulnerabilities. In addition, penetration testing and a network audit will be performed.

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

	-	-
Acct # 510-1520-519-6415	-	-

	-		-
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Project Title: (Page 2 of 2) **Network Risk Assessment & Audit**

**Revenue / Funding Schedule**

#1) City Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
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	-	-	25,000	25,000	25,000	25,000	25,000	125,000
Garage Fund - 530								-
<b>Total City Funding:</b>		-	25,000	25,000	25,000	25,000	25,000	<b>\$ 125,000</b>

#2) Grant Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>		-	-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
								-
								-
<b>Total Revenue Enhancements:</b>		-	-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
City Funding	-	-	25,000	25,000	25,000	25,000	25,000	125,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>		-	<b>\$ 25,000</b>	<b>\$ 125,000</b>				

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:	
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>Expense Totals (B.1 -to- B.8)</b>		<b>\$ -</b>



## Capital Improvement Program (CIP) Project Request Form

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

(Page 1 of 2)

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

### BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	FY2017 - FY2021
	PYs 9/30/15	FY2016 Bud	2017	2018	2019	2020	2021	Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	114,000	50,000	50,000	50,000	50,000	50,000	50,000	414,000
Contingency / Miscellaneous								-
Other / Indirect								-
<b>Total Expenditures</b>	<b>164,000</b>		<b>\$ 50,000</b>	<b>\$ 414,000</b>				

**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 56 network routers and switches.

This project will enable the Information Technology Department to replace switches or routers that are end of life. During FY 2017, the core fiber switch will need to be replaced at an estimated cost of \$30,000; and the remaining \$20,000 will be used to replace, enclose and secure 1/3 of our 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:**

	-	-
Acct# 510-1520-519-6415	-	-
	-	-

**Revenue / Funding Schedule**

#1) City Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 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	50,000	50,000	50,000	50,000	50,000	50,000	414,000
Garage Fund - 530								-
<b>Total City Funding:</b>	<b>164,000</b>		<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>\$ 414,000</b>

#2) Grant Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Federal Grants								-
State Grants								-
County Grants								-
<b>Total Grant Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#3) Other Outside Funding:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
<b>Total Other Outside Funding:</b>			-	-	-	-	-	<b>\$ -</b>

#4) Revenue Enhancements:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
								-
<b>Total Revenue Enhancements:</b>			-	-	-	-	-	<b>\$ -</b>

Revenue Funding Summary:	Estimated Expenditures		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY2017 - FY2021 Estimated Total
	PYs 9/30/15	FY2016 Bud						
City Funding	114,000	50,000	50,000	50,000	50,000	50,000	50,000	414,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
<b>Total Revenue Funding:</b>	<b>164,000</b>		<b>\$ 50,000</b>	<b>\$ 414,000</b>				

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:	
<b>Revenue Totals (A.1 -to- A.4)</b>	<b>Expense Totals (B.1 -to- B.8)</b>		<b>\$ -</b>