

# Section Four:

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## CIP

**CITY OF NORTH MIAMI  
CAPITAL IMPROVEMENT PROGRAM SCHEDULE (FY 15/16 - 19/20)**

CATEGORY PROJECTS		Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	TOTAL PROJECT ESTIMATE
1	Building		56,960					56,960
2	Building	219,453		35,000				254,453
3	Building			12,896	1,896	1,896	1,896	18,584
4	Parks			60,000				60,000
5	Parks		100,000					100,000
6	Parks			32,000				32,000
7	Parks		55,030					55,030
8	Parks			450,000				450,000
9	Parks			120,000				120,000
10	Parks		200,000					200,000
11	Parks		65,000					65,000
12	Sewer	3,133,627	550,000	550,000	550,000	350,000	350,000	5,483,627
13	Sewer	9,003,413	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	18,503,413
14	Technology			33,100	3,255	3,418	3,589	43,362
15	Technology		22,000	9,500	9,500			41,000
16	Technology			32,500	2,500	2,500	2,500	40,000
17	Technology	60,000	42,000	42,000	42,000	30,000	30,000	246,000
18	Technology		18,500	18,500	18,500	18,500		92,500
19	Technology			32,000				32,000
20	Technology			60,000				60,000
21	Technology		49,200	49,200	49,200	16,400		164,000
22	Technology			38,500	525	550	575	40,150
23	Technology			150,000				150,000
24	Trans	960,000	100,000	30,000	950,000	300,000	300,000	2,640,000
25	Trans	836,581	387,056	100,000	100,000	100,000	100,000	1,623,637
26	Trans		300,000	300,000	100,000	100,000	100,000	900,000
27	Trans		49,000	49,000	49,000	49,000	49,000	245,000
28	Trans	562,000	50,000	50,000	50,000	50,000	50,000	812,000
29	Trans	2,863,468	239,187	250,000	250,000	250,000	250,000	4,102,655
30	Veh Repl			948,211				948,211
31	Water	4,367,586	1,737,995	12,978,295	6,000,000	6,000,000		31,083,876
32	Water	2,744,733	300,000	300,000	300,000	300,000	300,000	4,244,733
33	Water		500,000	3,000,000				3,500,000
<b>TOTAL PROJECT COSTS</b>		<b>25,250,861</b>	<b>11,770,139</b>	<b>17,282,491</b>	<b>9,976,376</b>	<b>9,072,264</b>	<b>3,056,060</b>	<b>76,408,191</b>

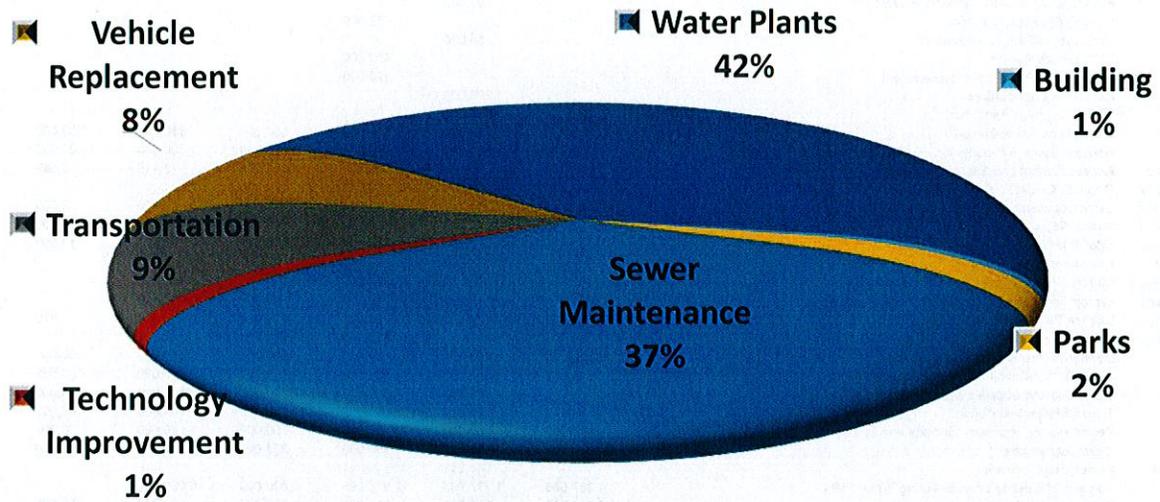
**CIP 5-YR SUMMARY SCHEDULE BY PROJECT CATEGORY**

Project Category	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	TOTAL PROJECT ESTIMATE
Building	219,453	56,960	47,896	1,896	1,896	1,896	329,997
Economic Development	-	-	-	-	-	-	-
Flood Controls	-	-	-	-	-	-	-
Parks	-	420,030	662,000	-	-	-	1,082,030
Public Safety	-	-	-	-	-	-	-
Sanitation	-	-	-	-	-	-	-
Sewer Maintenance	12,137,040	4,050,000	2,050,000	2,050,000	1,850,000	1,850,000	23,987,040
Technology Improvement	60,000	131,700	465,300	125,480	71,368	55,164	909,012
Transportation	5,222,049	1,125,243	779,000	1,499,000	849,000	849,000	10,323,292
Vehicle Replacement	-	948,211	-	-	-	-	948,211
Water Plant	7,612,319	5,037,995	13,278,295	6,300,000	6,300,000	300,000	38,828,609
<b>Totals</b>	<b>25,250,861</b>	<b>11,770,139</b>	<b>17,282,491</b>	<b>9,976,376</b>	<b>9,072,264</b>	<b>3,056,060</b>	<b>76,408,191</b>

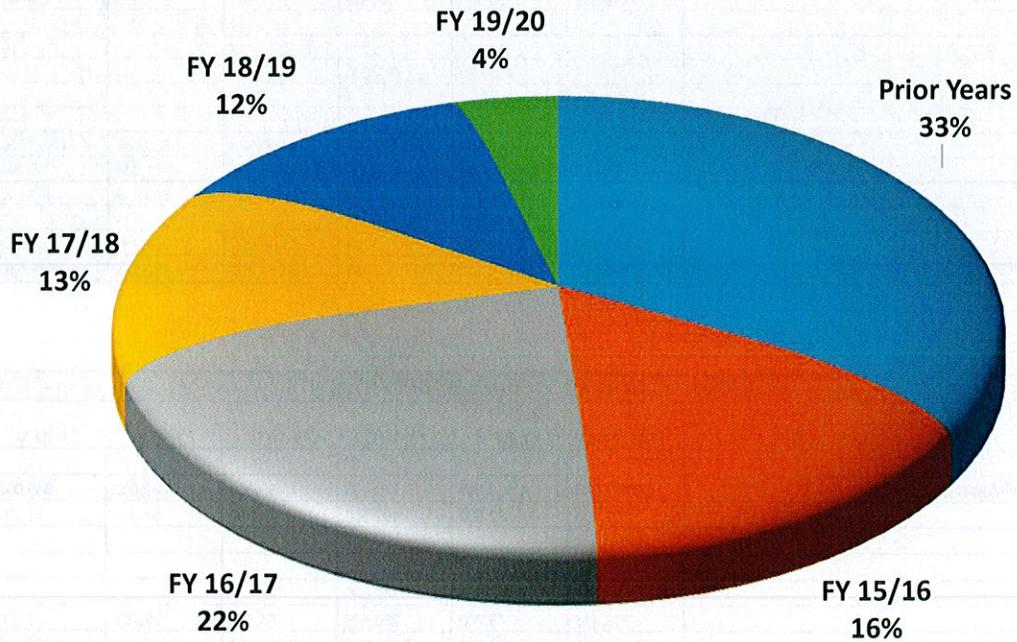
**CIP 5-YR SUMMARY SCHEDULE BY DEPARTMENTS**

Departments	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	TOTAL PROJECT ESTIMATE
Building & Zoning							-
Community Planning & Development	5,222,049	1,125,243	779,000	1,499,000	849,000	849,000	10,323,292
Information & Technology	60,000	82,500	102,500	72,500	51,000	51,000	419,500
Library							-
MOCA							-
Parks & Recreation	-	420,030	812,000	-	-	-	1,232,030
Police Department	219,453	49,200	260,696	54,876	22,264	6,060	612,549
Public Works & Transportation	19,749,359	9,144,955	15,328,295	8,350,000	8,150,000	2,150,000	62,872,609
Vehicle Replacement	-	948,211	-	-	-	-	948,211
<b>Totals</b>	<b>25,250,861</b>	<b>11,770,139</b>	<b>17,282,491</b>	<b>9,976,376</b>	<b>9,072,264</b>	<b>3,056,060</b>	<b>76,408,191</b>

### CIP FY16 Expenditure by Project Category



### CIP Expenditure by Fiscal Year in %



# BUILDING

## IN THIS SECTION:

- City Hall Bathroom Rehabilitation
- HVAC Replacement
- Mini-Split Air Conditioning for IT Room

# FY16 Supplemental/CIP Request

Project Description:	City Hall Repairs and Improvements		
Department:	Public Works	Project #	
Division:	Facility Maintenance	Totals	\$56,960
Account Number:	001-10-452000-519-612-000	Request Type	New Request
Project Location:	City Hall	Priority Level	Critical Repairs

**Objective:**

Mandated repairs and necessary improvements to the City Hall building resulting from the 40 year recertification inspection done in 2012.

**Justification:**

Repairs were mandated from an inspection held in 2012. Improvement projects totaling \$600k include: beam repairs, security system -cameras, guards, and card readers, A&E services, AC, flooring, fumigation, MEP, windows, doors, roof which was completed. Additional funds are needed to continue with plumbing, flooring for Personnel office and office renovations. In FY16, \$56,960 will address a rehabilitation of all City Hall restrooms

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
329	City Hall Bathroom Rehab all four floors		56,960					56,960
								-
								-
								-
								-
<b>Total</b>		-	56,960	-	-	-	-	<b>56,960</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		56,960					56,960
									-
									-
									-
<b>Total</b>		100%	-	56,960	-	-	-	-	<b>56,960</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ 56,960  
**Future Years' Estimated Annual Cost:** \$ -

## FY16 Supplemental/CIP Request

Project Description:	High Volume Air Conditioner (HVAC) Controllers		
Department:	Police	Project #	
Division:	Investigative/Administrative	Totals	
Account Number:	001-08-435000-521-612-000	Request Type	Replacement
Project Location:	Police Station 700 NE 124 Street	Priority Level	Critical Repairs

**Objective:**  
 To provide funds to replace and program fifteen (15) additional HVAC Air Controllers.

**Justification:**  
 During the replacement of the Police Department's two (2) 90 ton air chillers project, twenty-five (25) air controllers were replaced and programmed. During the replacement and installation, it was subsequently discovered that the building actually had thirty-nine (39) controllers instead of twenty-five (25) as originally thought. This additional funding will ensure all remaining controllers are replaced and programmed.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	Automated Logic Controls and Thermostats	219,453		35,000				254,453
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		219,453	-	35,000	-	-	-	<b>254,453</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%	219,453		35,000				254,453
									-
									-
<b>Total</b>		100%	219,453	-	35,000	-	-	-	<b>254,453</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 35,000

## FY16 Supplemental/CIP Request

Project Description:	Mini-Split Air Conditioning System for I.T. Room		
Department:	Police	Project #	
Division:	Investigative/Administrative	Totals	\$0
Account Number:	001-08-435000-521-605-000	Request Type	New Request
Project Location:	Police Station 700 NE 124 Street	Priority Level	Quality of Life

**Objective:**

To provide funds to purchase a 1 Ton Mini-Split Air Conditioner System for the 4th Floor I.T. Server & Equipment Room.

**Justification:**

All of the servers that currently run the multitude of software programs for the Police Department are housed in the 4th floor I.T. Room. These servers run critical software systems, such as Computer Aided Dispatch, Mobile Reporting, Records Management, NCIC/FCIC, DAVID, etc. Critical equipment is also stored there, such as the building's Uninterrupted Power Supply, Access Control and Security System, Telephone and Communications Equipment, etc. This mini-split air-conditioning system would act as a back-up to the building's main air conditioner, if, for any reason, it would fail and stop cooling the building. The mini-split air-conditioning system would ensure the I.T. Room remains at its required 68 degrees, avoiding any shut-downs and failures, by maintaining servers and equipment operable.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	1 Ton Mini-Split Air Conditioner System			11,000				11,000
311	Annual Maintenance Charges			1,896	1,896	1,896	1,896	7,584
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	12,896	1,896	1,896	1,896	<b>18,584</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%			12,896	1,896	1,896	1,896	18,584
									-
									-
									-
<b>Total</b>		100%	-	-	12,896	1,896	1,896	1,896	<b>18,584</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 18,584

# PARKS

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## IN THIS SECTION:

- Hurricane Shutters
- Keystone CC & Playground
- Lighting Protection System
- N. Bayshore Park Improvements
- NM Stadium Repairs
- Pepper Park Playground Replacement
- Sasso Pool Renovations
- Tennis Court Resurfacing at San Souci

## FY16 Supplemental/CIP Request

Project Description:	Hurricane Shutters		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	\$0
Account Number:	001-12-468000-572-612-000	Request Type	New Request
Project Location:	Various Locations	Priority Level	Regulatory Requirement

**Objective:**

To add hurricane shutters at City facilities

**Justification:**

To add accordion shutters to all the Parks & Recreation facilities. This would include: Keystone, Sunkist, Breezeswept, POC, Griffing, and/or GMCC

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	Hurricane Shutters			60,000				60,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	60,000	-	-	-	<b>60,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		-	60,000				60,000
									-
									-
									-
<b>Total</b>		100%	-	-	60,000	-	-	-	<b>60,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ -
<b>Future Years' Estimated Annual Cost:</b>	\$ 60,000

## FY16 Supplemental/CIP Request

Project Description:	Keystone CC & Playground		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	\$100,000
Account Number:	001-13-480002-519-980-000	Request Type	New Request
Project Location:	Keystone CC & Playground	Priority Level	Critical Repairs

**Objective:**

Develop a more attractive Park by adding a tiki hut, paved surfaces, and bike racks. Also, replace the equipment at the Tot Lot Park.

**Justification:**

In order to make the playgrounds more attractive for children upgrading the existing tot lot and guard gates are essential. In addition to the tot lot more additions will include synthetic turf, swings, a tiki hut and paved roads. These inclusions not only add to the physical beauty of the park but they are also safety implantations as well. Upgrading the Community Center is also a priority and additions will include bathroom fixtures, storage upgrade, refrigerator installation and improvements to kitchen/work/clean-up area. More upgrades will include bike racks and lockers.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
980	Keystone CC & Playground		100,000					100,000
								-
								-
								-
								-
<b>Total</b>		-	100,000	-	-	-	-	<b>100,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		100,000	-				100,000
									-
									-
									-
<b>Total</b>		100%	-	100,000	-	-	-	-	<b>100,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

FY16 Operating Cost:	\$ -
FY16 Capital Cost:	\$ 100,000
Future Years' Estimated Annual Cost:	\$ -

## FY16 Supplemental/CIP Request

Project Description:	Lightning Protection System		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	
Account Number:	001-12-468000-572-612-000	Request Type	New Request
Project Location:	Various Locations	Priority Level	Regulatory Requirement

**Objective:**

To install a lightning protection system at Sasso Pool or Joe Celestin Center.

**Justification:**

It is a requirement when operating an aquatics facility to have a lightning protection system. Currently, the City doesn't have a lightning protection system in place. This system would sound off and alert staff when lightning is in a 10-15 mile radius. It's the City's responsibility to keep its residents safe. The cost of a new system would be \$32,000

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	Lightning Protection System for Sasso Pool			16,000				16,000
612	Lightning Protection System for Joe Celestine Center			16,000				16,000
								-
								-
								-
								-
								-
<b>Total</b>		-	-	32,000	-	-	-	<b>32,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		-	32,000				32,000
									-
									-
									-
<b>Total</b>		100%	-	-	32,000	-	-	-	<b>32,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 32,000

## FY16 Supplemental/CIP Request

Project Description:	N. Bayshore Park Improvements		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	\$55,030
Account Number:	001-12-468000-572-612-000	Request Type	Replacement
Project Location:	N. Bayshore Park	Priority Level	Improvement

**Objective:**

To add a front fence and shading and to make parking improvement and dog park improvements

**Justification:**

Residents have complained about the lack of parking. These additions will improve parking and ultimately improve the facility to accommodate residents request and to update outdated equipment. Also, adding shading to the facility attracts more people and offers a place for cooling off. Additional pet wate stations will also be included in N. Bayshore Park Improvements

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	N. Bayshore Park		55,030					55,030
								-
								-
								-
<b>Total</b>		-	55,030	-	-	-	-	<b>55,030</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		55,030	-				55,030
									-
									-
<b>Total</b>		100%	-	55,030	-	-	-	-	<b>55,030</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 55,030
<b>Future Years' Estimated Annual Cost:</b>	\$ -

## FY16 Supplemental/CIP Request

Project Description:	NM Stadium Repairs Bleachers	
Department:	Parks and Recreation	Project #
Division:	Parks Operations	Totals
Account Number:	001-12-468000-572-***-000	Request Type
Project Location:	NM Stadium	Priority Level
		New Request
		Improvement

**Objective:**

To replace/repair the North Miami Stadium Bleachers, fencing, and beams.

**Justification:**

In order to make the stadium safer for the community, removing or replacing environmentally unsafe stadium equipment/bleachers is necessary. The new equipment would be constructed with state of the art stadium equipment making the stadium environment safer for the community. These additions will extend the life expectancy of the stadium for an additional 7 to 10 years.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 20/21	Total Estimate
612	North Miami Stadium Bleachers			450,000				450,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	450,000	-	-	-	<b>450,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 20/21	Total Estimate
Gen Fund	001	100%			450,000				450,000
									-
									-
									-
<b>Total</b>		100%	-	-	450,000	-	-	-	<b>450,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 450,000

## FY16 Supplemental/CIP Request

Project Description:	Playground Replacement		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	\$0
Account Number:	001-12-468000-572-612-000	Request Type	New Request
Project Location:	Pepper Park Playground	Priority Level	Improvement

**Objective:**

To replace the playground equipment at Pepper Park.

**Justification:**

In order to make the playgrounds safer for children, this request would allow us to remove and replace environmentally unsafe creosote playground equipment. The new equipment will be modern, safer for kids, and have a life expectancy of 5 to 7 years.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	Playground Equipment with Shade Cover			120,000				120,000
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	120,000	-	-	-	<b>120,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%			120,000				120,000
									-
									-
<b>Total</b>		<b>100%</b>	-	-	120,000	-	-	-	<b>120,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ -

## FY16 Supplemental/CIP Request

Project Description:	Sasso Pool Renovations		
Department:	Parks & Recreation	Project #	
Division:	Aquatics	Totals	\$200,000
Account Number:	001-12-463000-572-331-000	Request Type	New Request
Project Location:	Sasso Pool	Priority Level	Critical Repairs

**Objective:**

Capital improvements / Defective equipment at the pool.

**Justification:**

Thomas Sasso Pool has been in use for over 30 years with no major renovations. The facility is in poor condition to due age and modern renovation is needed. To improve the beauty and safety of the facility the filtration system must be upgraded. Other improvements consist of the deck surrounding the pool as well as water pumps.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
331	Sasso Pool Revonations		200,000					200,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	200,000	-	-	-	-	<b>200,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		200,000					200,000
									-
									-
									-
<b>Total</b>		100%	-	200,000	-	-	-	-	<b>200,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 200,000
<b>Future Years' Estimated Annual Cost:</b>	\$ -

## FY16 Supplemental/CIP Request

Project Description:	Court Resurfacing		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	\$60,000
Account Number:	001-12-468000-572-612-000	Request Type	Replacement
Project Location:	Penny Sugarman Tennis Center	Priority Level	Improvement

**Objective:**

To resurface courts at City facilities

**Justification:**

To repair the damaged areas of the tennis courts, resurfacing, painting, and striping at Penny Sugarman Tennis Center

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
612	Tennis Court Resurfacing		65,000					65,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	65,000	-	-	-	-	<b>65,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		65,000	-				65,000
									-
									-
									-
<b>Total</b>		100%	-	65,000	-	-	-	-	<b>65,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 65,000
<b>Future Years' Estimated Annual Cost:</b>	\$ -

# SEWER

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## IN THIS SECTION:

- Lift Stations Rehabilitation
- Sanitary Sewer Rehabilitation – Gravity Improvement

## FY16 Supplemental/CIP Request

Project Description: Lift Stations Rehabilitation			
Department:	Public Works	Project #	
Division:	Utility Equipment Maintenance	Totals	\$550,000
Account Number:	420-10-644000-536-608-000	Request Type	New Request
Project Location:	Various Lift Stations	Priority Level	Critical Repairs

**Objective:**

This level provides funds to implement a revitalization and maintenance schedule for the City's 45 lift stations.

**Justification:**

The City's Sanitary Lift Stations are outdated and in poor condition. The risks of leakage and contamination is a large concern, as well as the cost of remediation and clean-up. The City needs to protect our facilities and the surrounding residents in the areas of the Lift Stations. A 20-year revitalizing and maintenance schedule has been developed to proactively address these and other possible risks.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
608	Mechanical	40,000						40,000
608	Electrical	65,000						65,000
608	Telemetry	200,000	100,000	100,000	100,000	50,000	50,000	600,000
608	Pumps	130,000	250,000	250,000	250,000	100,000	100,000	1,080,000
608	Structures	430,000						430,000
608	Various	2,268,627	200,000	200,000	200,000	200,000	200,000	3,268,627
								-
								-
<b>Total</b>		<b>3,133,627</b>	<b>550,000</b>	<b>550,000</b>	<b>550,000</b>	<b>350,000</b>	<b>350,000</b>	<b>5,483,627</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
W & S	420	100%	3,133,627	550,000	550,000	550,000	350,000	350,000	5,483,627
									-
									-
									-
<b>Total</b>		<b>100%</b>	<b>3,133,627</b>	<b>550,000</b>	<b>550,000</b>	<b>550,000</b>	<b>350,000</b>	<b>350,000</b>	<b>5,483,627</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 550,000
<b>Future Years' Estimated Annual Cost:</b>	\$ 1,800,000

## FY16 Supplemental/CIP Request

Project Description: <u>Sanitary Sewer Rehabilitation - Gravity Improvement</u>			
Department:	<u>Public Works - Water &amp; Sewer</u>	Project #	
Division:	<u>Sewer Collection &amp; Disposal</u>	Totals	<u>\$3,500,000</u>
Account Number:	<u>420-10-650000-536-641-000</u>	Request Type	<u>New Request</u>
Project Location:	<u>Various Locations</u>	Priority Level	<u>Regulatory Requirement</u>

**Objective:**

This level provides funds to implement a 20-year rehabilitation and maintenance schedule for the City's Sanitary Sewer System. Also, taking corrective action will satisfy requirements from the Peak Flow Management Study.

**Justification:**

The City's Sanitary Sewer System is approximately 50 years old. Due to the age and condition of the pipes, excess groundwater infiltration is responsible for sewer backups and excessive sewage treatment charges. Implementing a 20 year rehabilitation and maintenance schedule will address these issues and reduce the sewage treatment cost. Consultants performed a Peak Flow Management Study as required by DERM. The recommendations and corrective actions suggested in the study must be addressed in order to be in compliance with regulatory agencies. Majority of the funding (\$2,000,000) will come from the Miami-Dade County General Obligation Building Grant (GOB) Partial funding in the amount of \$1,500,000 is resulting from a recent rate study.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
641	Gravity Sewer Improve.	1,600,000	500,000	500,000	500,000	500,000	500,000	4,100,000
641	SS Force Main Improve.	2,478,000						2,478,000
641	Repl. 10", 12" & 168" S Main	3,650,000						3,650,000
641	Sewer Line & Manhole Rehab	825,413	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,825,413
652	Quayside & I Station	200,000						200,000
608	Design SS1, SS2 & SS3 LS	250,000	2,000,000					2,250,000
704	Interest Expense							-
705	Principal Payment							-
<b>Total</b>		<b>9,003,413</b>	<b>3,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>18,503,413</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Names	420	100%	9,003,413	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	18,503,413
									-
									-
									-
<b>Total</b>		<b>100%</b>	<b>9,003,413</b>	<b>3,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>18,503,413</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 3,500,000
<b>Future Years' Estimated Annual Cost:</b>	\$ 6,000,000

# TECHNOLOGY

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## IN THIS SECTION:

- Access Control and Security System
- Clearrisk Certificates
- Communications Units Consoles Upgrade
- Laptop Replacements
- Large Document Scanners
- License Plate Readers
- Security Camera System and Internet Access
- Switch Replacement City Hall
- Tyler Transparency Portal
- Use-of-Force and Firearms Training Systems

## FY16 Supplemental/CIP Request

Project Description:	Access Control and Security System		
Department:	Police	Project #	
Division:	Investigative/Administrative	Totals	\$0
Account Number:	001-08-435000-521-605-000	Request Type	Replacement
Project Location:	Police Station 700 NE 124 Street	Priority Level	Critical Repairs

**Objective:**

To provide funds to replace the Police Station's antiquated Access Control and Security System.

**Justification:**

The Police Department's current access control and security system is the original system installed back in 1997 when the building was originally built and occupied. This system, which is now 18 years old, will no longer be supported after June 2016, since software upgrades and replacement parts will not be available. A new system is vital to maintain a secure and safe environment for employees, working at the police station and citizens visiting.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
605	Access Control & Security System			30,000				30,000
311	Annual Maintenance Charges			3,100	3,255	3,418	3,589	13,362
								-
								-
								-
								-
								-
<b>Total</b>		-	-	33,100	3,255	3,418	3,589	<b>43,362</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%			33,100	3,255	3,418	3,589	43,362
									-
									-
<b>Total</b>		100%	-	-	33,100	3,255	3,418	3,589	<b>43,362</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 43,362

## FY 16 Supplemental/CIP Request

Project Description:	Clearrisk Certificates		
Department:	City Manager	Project #	
Division:	Risk Management	Totals	\$22,000
Account Number:	510-02-675001-519-602-000	Request Type	New Request
Project Location:	City Hall	Priority Level	

**Objective:**

Purchase insurance certificates software to ensure continuous compliance with insurance requirements.

**Justification:**

This software is very much needed and will benefit the city on a whole by tracking insurance submission and compliance with contracts, events, permits and other matters requiring certificates of insurance. It will provide notification to clients on deficiencies or non-compliance with contract requirements and generate letters follow up to ensure compliance is met. Currently, no software exists.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
602	Clearrisk Certificates		2,500					2,500
602	Maintenance		3,000	3,000	3,000			9,000
602	Risk Management Software Replacement		16,500	6,500	6,500			29,500
								-
								-
								-
								-
<b>Total</b>		-	22,000	9,500	9,500	-	-	<b>41,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	510	100%	-	22,000	9,500	9,500			41,000
									-
									-
									-
<b>Total</b>		0%	-	22,000	9,500	9,500	-	-	<b>41,000</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	<b>\$ 3,000</b>
<b>FY16 Capital Cost:</b>	<b>\$ 22,000</b>
<b>Future Years' Estimated Annual Cost:</b>	<b>\$ 19,000</b>

## FY16 Supplemental/CIP Request

Project Description:	Communications Unit Consoles Upgrade		
Department:	Police		Project #
Division:	Investigative/Administrative		Totals
Account Number:	001-08-427000-521-605-000	Request Type	Replacement
Project Location:		Priority Level	Improvement

**Objective:**

To provide funds to upgrade the consoles in the Communications Unit.

**Justification:**

The Communication Unit's Consoles are in need of upgrade. The existing consoles are the originals installed when the current Police Department building was occupied in 1997. The upgrade of the consoles will provide new innovation for better form, function, health and performance. The upgraded consoles would also provide least stressful working postures for any size worker. An upgrade will provide organization, increase productivity by defining individual work area and providing vertical work space, reducing circulation and traffic flow to increase performance.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
605	Consoles			60,000				60,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	60,000	-	-	-	<b>60,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%			60,000				60,000
									-
									-
									-
<b>Total</b>		100%	-	-	60,000	-	-	-	<b>60,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 60,000

## FY16 Supplemental/CIP Request

Project Description:	Laptop Replacements for Mobile Field Operation		
Department:	Police	Project #	
Division:	Administration	Totals	\$49,200
Account Number:	001-08-435000-521-602-000	Request Type	Replacement
Project Location:	Various	Priority Level	Critical Repairs

**Objective:**

Replace one-hundred and five (105) outdated laptops used by police personnel for Mobile field reporting.

**Justification:**

The police department currently has 113 laptops used by police personnel for mobile reporting, criminal history checks, case management, etc. Of the 113 laptops, 105 were purchased back in FY 2010 and need to be replaced. These laptops need constant maintenance and repairs, and have four (4) year old technology (CORE 2 DUO/ 2GB Memory). Besides the constant repairs and outdated technology, the Department recently upgraded its CAD/Mobile/RMS software to MSP 10.1. The replacement laptops with their updated technology (I-5/ 4GB) would allow department personnel to fully and optimally take advantage of all of the new upgraded modules, functionalities, etc. of the recent upgrade.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
602	Laptops & Car Adapters		49,200	49,200	49,200	16,400		164,000
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	49,200	49,200	49,200	16,400	-	<b>164,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		49,200	49,200	49,200	16,400		
									-
									-
									-
<b>Total</b>		100%	-	49,200	49,200	49,200	16,400	-	<b>164,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ 49,200  
**Future Years' Estimated Annual Cost:** \$ 114,800

## FY16 Supplemental/CIP Request

Project Description:	License Plate Readers (Automatic Number Plate Recognition)		
Department:	Police	Project #	
Division:	Field Operations	Totals	\$0
Account Number:	001-08-425000-521-605-000	Request Type	New Request
Project Location:		Priority Level	Quality of Life

**Objective:**

To provide funds to purchase two (2) license plate readers (Automatic Number Plate Recognition Equipment & Software) for the Police Department.

**Justification:**

The Police Department is in need of two (2) license plate readers (or Automatic Number Plate Recognition Systems) in order to enhance and assist the Police Department in its proactive efforts to reduce and prevent crime and increase traffic safety. These license plate readers will allow officers to scan multiple license plates while they routinely patrol the City's roadways, alleys, parking lots, etc. With this enhanced technology the scanned license plates are checked automatically in NCIC/FCIC alerting the officer of wanted or missing persons; stolen vehicles and tags; persons driving with suspended or revoked driver licenses; etc. This real time information allows the officer to quickly locate and trace the suspect vehicle and interdict safely.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
605	Two (2) Tag Readers			38,000				38,000
311	Software Maintenance Agreement			500	525	550		1,575
								-
								-
								-
								-
								-
<b>Total</b>		-	-	38,500	525	550	575	<b>40,150</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%			38,500	525	550	575	40,150
									-
									-
									-
<b>Total</b>		100%	-	-	38,500	525	550	575	<b>40,150</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 40,150

## FY16 Supplemental/CIP Request

Project Description:	Large Document Scanners		
Department:	Information Technology	Project #	
Division:	Administration	Totals	\$0
Account Number:	001-07-420000-519-602-000	Request Type	New Request
Project Location:	City Hall	Priority Level	Improvement

**Objective:**  
 To reduce the amount of files and paper stored. Digitize big plans and large documents reducing the amount of storage and paper needed.

**Justification:**  
 City currently spends well over \$50,000 on a yearly basis scanning large documents utilizing outside companies. Having higher capacity and large format scanners will allow the City to save by being able to scan documents in-house utilizing in-house resources such as contract staff, part-time seasonal staff and other staff during slow periods. Scanning the files in-house would reduce the costs of outsourcing files for scanning and provide the City a faster turn-around time for getting the documents back in digital format.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
602	Large Scanner			30,000				30,000
331	Forms Maintenance			2,500	2,500	2,500	2,500	10,000
								-
								-
								-
								-
								-
<b>Total</b>		-	-	32,500	2,500	2,500	2,500	<b>40,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		-	32,500	2,500	2,500	2,500	40,000
									-
									-
<b>Total</b>		100%	-	-	32,500	2,500	2,500	2,500	<b>40,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ 40,000

## FY16 Supplemental/CIP Request

Project Description:	Security Camera System and Internet Access		
Department:	Parks and Recreation	Project #	
Division:	Parks Operations	Totals	\$150,000
Account Number:	001-12-460000-572-329-000	Request Type	New Request
Project Location:	Various Locations	Priority Level	Regulatory Requirement

**Objective:**

To install camera system and internet access at all parks and recreation facilities.

**Justification:**

It's the City's responsibility to keep its residents and staff members safe. The installation of cameras at facilities will fulfill that need for our workplace and community. Also, the installation of Wi-Fi access at all facilities brings our City up to industry standards. The cost of a new system would be \$150,000

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
	Security Camera System & Internet Access			150,000				150,000
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	150,000	-	-	-	<b>150,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		-	150,000				150,000
									-
									-
									-
<b>Total</b>		100%	-		150,000	-	-	-	<b>150,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ -  
**Future Years' Estimated Annual Cost:** \$ -

## FY16 Supplemental/CIP Request

Project Description:	Switch Replacement City Hall	Project #	
Department:	Information Technology	Totals	\$42,000
Division:	Network & Programming	Request Ty	Additional Funds
Account Number:	001-07-421001-519-602-000	Priority Le	Critical Repairs
Project Location:	City Hall		

**Objective:**

Replace old switches (which are not under warranty) before they fail and cause severe interruptions to City operations.

**Justification:**

Current switches are over 5 years old. There is a need to replace them with newer switches before they fail. Currently the City has over 13 switches (not including 7 switches at Police Department). The plan is to replace a minimum of 3 switches each year starting with the older switches over a 5 year period. Year 1 = 3 switches, Year 2 = 4 switches, Year 3 = 3 switches, Year 4 = 4 switches, Year 5 = 6 switches.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
602	Switch Equipment	60,000	42,000	42,000	42,000	30,000	30,000	246,000
								-
								-
								-
								-
								-
								-
<b>Total</b>		60,000	42,000	42,000	42,000	30,000	30,000	<b>246,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%	60,000	42,000	42,000	42,000	30,000	30,000	246,000
									-
									-
<b>Total</b>		100%	60,000	42,000	42,000	42,000	30,000	30,000	<b>246,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 42,000
<b>Future Years' Estimated Annual Cost:</b>	\$ 144,000

## FY16 Supplemental/CIP Request

Project Description:	Tyler Transparency Portal		
Department:	Information Technology	Project #	
Division:	Network & Programming	Totals	\$18,500
Account Number:	001-07-421002-519-313-000	Request	New Request
Project Location:	City Hall	Priority I	Improvement

**Objective:**

Provide public with read access portal to view how their tax dollars are being spent.

**Justification:**

Citizen Transparency provides unparalleled data access and analysis tools to help public sector entities "implement principles of transparency, participation and collaboration" as set forth by the 2009 Open Government Directive 1. Local governments are increasingly expected to provide high value information to help citizens understand how their tax dollars are being used, build trust and engage the public in the civic process. But municipalities are struggling to find efficient ways to meet these demands. Citizens often have to navigate segmented and out-of-date information and the backlog of FOIA request continues to grow.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
313	TYLER TRANSPARENCY		18,500	18,500	18,500	18,500	18,500	92,500
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	18,500	18,500	18,500	18,500	18,500	<b>92,500</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%		18,500	18,500	18,500	18,500	18,500	92,500
									-
									-
<b>Total</b>		100%	-	18,500	18,500	18,500	18,500	18,500	<b>92,500</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ 18,500  
**Future Years' Estimated Annual Cost:** \$ -

## FY16 Supplemental/CIP Request

Project Description:	Use-of-Force and Firearms Training System		
Department:	Police	Project #	
Division:	Field Operations	Totals	\$32,000
Account Number:	001-08-425000-521-605-000	Request Type	New Request
Project Location:		Priority Level	Quality of Life

**Objective:**

To provide funds for the purchase of a Use-of-Force and Firearms Training System.

**Justification:**

The Florida Department of Law Enforcement (FDLE) mandates strict guidelines for law enforcement officers to receive scenario-based firearms training; less-lethal force options available within the agency and agency policies; and use-of-force training. Use-of-Force and Firearms Training Systems are a comprehensive solution that is designed to allow the Police Department's instructors the ability to easily meet training requirements established by FDLE. The benefits of this enhanced technology are immeasurable as far as saving lives through the extensive training that is achieved with respect to quick, decisive decision making skills and marksmanship. Judgmental, real-life use of force scenarios can be practiced repeatedly by trainees under the careful watch and tutoring of the department's firearm instructors. By using this latest technology, the Police Department would be able to train its officers on use-of-force to the highest degree possible.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
605	Use-of-Force and Firearms Training System			32,000				32,000
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	-	32,000		-	-	<b>32,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	100%			32,000				32,000
									-
									-
<b>Total</b>		100%	-	-	32,000	-	-	-	<b>32,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

<b>FY16 Operating Cost:</b>	\$	-
<b>FY16 Capital Cost:</b>	\$	-
<b>Future Years' Estimated Annual Cost:</b>	\$	32,000

# TRANSPORTATION

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## IN THIS SECTION:

- Downtown Revitalization/Beautification
- Repair/Improve Roadway Medians and Curbs
- Sidewalk Installation and Repairs Near Roadwork
- Street Resurfacing
- Transit Calming
- Transit Shelter Installation

## FY16 Supplemental/CIP Request

Project Description:	Downtown Revitalization/Beautification		
Department:	Public Works	Project #	
Division:	Transportation	Totals	\$100,000
Account Number:	185-09-551000-541-618-000	Request Type	Additional Funds
Project Location:	NE 125th Street	Priority Level	Critical Repairs

**Objective:**

Revitalize major commercial corridors with trees, street furniture, and accent lighting.

**Justification:**

The Downtown Corridor master Plan and other studies make the strong case that the City needs to invest in its major commercial corridors to create a signature environment to capture the attention of through traffic and potential investors. As it is a large project, it would have to be phased in over several years. Some of this funding is earmarked as matching funds for grants.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
618	R.O.W. improv	960,000	100,000		950,000	270,000	270,000	2,550,000
611	Design			30,000		30,000	30,000	90,000
								-
								-
								-
<b>Total</b>		960,000	100,000	30,000	950,000	300,000	300,000	<b>2,640,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
1/2-Cent	185	100%	100,000	100,000	30,000	222,000	300,000	300,000	1,052,000
Grants			860,000			728,000	-		1,588,000
									-
									-
<b>Total</b>		100%	960,000	100,000	30,000	950,000	300,000	300,000	<b>2,640,000</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 100,000
<b>Future Years' Estimated Annual Cost:</b>	\$ 1,580,000

## FY16 Supplemental/CIP Request

Project Description:	Repair/Improve Roadway Medians and Curbs		
Department:	Public Works	Project #	
Division:	Transportation - Gas Tax	Totals	\$50,000
Account Number:	370-09-620000-541-618-000	Request Type	Additional Funds
Project Location:	Citywide	Priority Level	Critical Repairs

**Objective:**

To improve medians and curbs along roadways that have been damaged over time, or where they are needed for traffic calming and neighborhood enhancement.

**Justification:**

Medians and other horizontal traffic deflectors, such as traffic circles, serve an important function of calming traffic by narrowing lane widths. However they can suffer damage from cars and trucks as they impact them. These funds are made available to repair damaged curbs/medians as well as to install new ones.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
618	Roadway Improvements	562,000	50,000	50,000	50,000	50,000	50,000	812,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		562,000	50,000	50,000	50,000	50,000	50,000	<b>812,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gas Tax	370	100%	562,000	50,000	50,000	50,000	50,000	50,000	812,000
									-
									-
									-
<b>Total</b>		100%	562,000	50,000	50,000	50,000	50,000	50,000	<b>812,000</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ 50,000  
**Future Years' Estimated Annual Cost:** \$ 200,000

## FY16 Supplemental/CIP Request

Project Description: Sidewalk Installation and Repairs near Roadwork			
Department:	Public Works	Project #	
Division:	Transportation Surtax	Totals	\$387,056
Account Number:	185-09-551000-541-334-000	Request Type	Additional Funds
Project Location:	Citywide	Priority Level	Quality of Life

**Objective:**

To repair sidewalks, install street furniture, and handicap ramps throughout City to improve accessibility.

**Justification:**

This request provides funds to continue the maintenance of existing sidewalks throughout the City. Sidewalks are damaged by tree roots or other elemental factors. Request from residents for repairs are received on a daily basis and must be addressed in order to maintain a safe, handicap accessible sidewalk system to encourage walking, bicycling and transit.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
334	Install/Repair Sidewalks	836,581	100,000	100,000	100,000	100,000	100,000	1,336,581
334	Install/Repair Sidewalks		250,000					250,000
334	Street Furniture		37,056					37,056
								-
								-
								-
								-
<b>Total</b>		836,581	387,056	100,000	100,000	100,000	100,000	<b>1,623,637</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
1/2-Cent	185	26%	836,581	100,000	100,000	100,000	100,000	100,000	1,336,581
Gen Fund	001	65%		250,000					250,000
Gen Fund	001	10%		37,056					37,056
									-
<b>Total</b>		100%	836,581	387,056	100,000	100,000	100,000	100,000	<b>1,623,637</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 387,056
<b>Future Years' Estimated Annual Cost:</b>	\$ 400,000

## FY16 Supplemental/CIP Request

Project Description <b>Street Resurfacing</b>			
Department:	<u>Public Works</u>	Project #	
Division:	<u>Transportation - Gas Tax &amp; 1/2 Cent Tax</u>	Totals	<u>\$239,187</u>
Account Number:	<u>370-09-620000-541-618-000</u>	Request Type	<u>Replacement</u>
Project Location:	<u>Citywide</u>	Priority Level	<u>Quality of Life</u>

**Objective:**

Resurface streets, including milling where required, within City limits. Areas where work will be performed are determined by priority, based on the severity of damage.

**Justification:**

The majority of the paved streets have been resurfaced by the Streets Division in the past. Due to regular traffic use, weather conditions, etc., many of the roads are now in need of resurfacing. A private contractor will be hired to resurface existing streets as determined by priority. In some instances, milling may be required in order to maintain existing street elevations; this is necessary to prevent stormwater runoff onto private properties and rights-of-ways.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
618	Roadway Improvements	2,863,468	239,187	250,000	250,000	250,000	250,000	4,102,655
								-
								-
								-
								-
								-
<b>Total</b>		2,863,468	239,187	250,000	250,000	250,000	250,000	<b>4,102,655</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
1/2-Cent	185	0%	1,556,734						1,556,734
Gas Tax	370	100%	1,306,734	239,187	250,000	250,000	250,000	250,000	2,545,921
									-
									-
<b>Total</b>		100%	2,863,468	239,187	250,000	250,000	250,000	250,000	<b>4,102,655</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded		
<input type="checkbox"/>	Not Funded	<b>FY16 Operating Cost:</b>	\$ -
<input type="checkbox"/>	Partially Funded	<b>FY16 Capital Cost:</b>	\$ 239,187
<input type="checkbox"/>	Pending	<b>Future Years' Estimated Annual Cost:</b>	\$ 1,000,000

## FY16 Supplemental/CIP Request

Project Description:	Traffic Calming Supplies & Installation	
Department:	Public Works	Project #
Division:	1/2 Cent Transportation Surtax	Totals
Account Number:	185-09-551000-541-312-000	Request Type
Project Location:	Citywide	Priority Level
		Critical Repairs
		\$300,000
		pe Additional Funds

**Objective:**

To install traffic calming devices where necessary.

**Justification:**

Install traffic calming devices to make neighborhood streets safer for drivers, bicyclists and pedestrians based on resident requests and studies.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
312	Traffic Calming Device		300,000	300,000	100,000	100,000	100,000	900,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		-	300,000	300,000	100,000	100,000	100,000	<b>900,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
1/2-Cent	185	100%		300,000	300,000	100,000	100,000	100,000	900,000
									-
									-
									-
<b>Total</b>		100%	-	300,000	300,000	100,000	100,000	100,000	<b>900,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ 300,000  
**Future Years' Estimated Annual Cost:** \$ 600,000

## FY16 Supplemental/CIP Request

Project Description:	Transit Shelter Installation		
Department:	Public Works	Project #	
Division:	Transportation Surtax	Totals	\$49,000
Account Number:	185-09-550002-541-605-000	Request Type	New Request
Project Location:	Citywide	Priority Level	Critical Repairs

**Objective:**  
Install new shelters and maintain existing shelters throughout the City

**Justification:**  
Transit shelters provide protection from the elements when waiting for a MDT Transit bus or NOMI Express bus. This encourages the use of transit.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
311	Survey & Design		5,000	5,000	5,000	5,000	5,000	25,000
608	Materials (2 shelters)		44,000	44,000	44,000	44,000	44,000	220,000
								-
								-
								-
								-
								-
<b>Total</b>		-	49,000	49,000	49,000	49,000	49,000	<b>245,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
1/2-Cent	185	100%		5,000	5,000	5,000	5,000	5,000	25,000
				44,000	44,000	44,000	44,000	44,000	220,000
									-
									-
<b>Total</b>		100%	-	49,000	49,000	49,000	49,000	49,000	<b>245,000</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 49,000
<b>Future Years' Estimated Annual Cost:</b>	\$ 196,000

# Vehicle Replacement

## IN THIS SECTION:

- Vehicle Replacement

Item	Description	Year	Estimate	Actual	Balance
101	Replacement Vehicles	2015	110,000	110,000	-
102	Replacement VRS/Vehicles	2015	300,000	300,000	-
103	Replacement Police and Code	2015	400,000	400,000	-
Total			810,000	810,000	-

Item	Description	Year	Estimate	Actual	Balance
101	Replacement Vehicles	2015	110,000	110,000	-
102	Replacement VRS/Vehicles	2015	300,000	300,000	-
103	Replacement Police and Code	2015	400,000	400,000	-
Total			810,000	810,000	-

## FY16 Supplemental/CIP Request

Project Description:	Vehicle Replacement		
Department:	City-Wide	Project #	
Division:	Various	Totals	\$948,211
Account Number:	520-10-670000-590-601-000 (various)	Request Type	New Request
Project Location:	City-Wide	Priority Level	

**Objective:**

Replace vehicles that have been in service for more than 10 years.

**Justification:**

Vehicles being replaced have been in service for more than 10 years and have exceeded their useful life. New vehicles will be used for delivery of public services and law enforcement.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
601	Replace Police and Code Vehicles		488,211					488,211
601	Replace W.S Vehicles		350,000					350,000
601	Stormwater Vehicles		110,000					110,000
								-
								-
								-
<b>Total</b>			948,211	-	-	-	-	<b>948,211</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
Gen Fund	001	51%		488,211	-				488,211
Names	420	37%		350,000					350,000
Storm Wtr	490	12%		110,000					110,000
									-
<b>Total</b>		100%		948,211	-	-	-	-	<b>948,211</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

<b>FY16 Operating Cost:</b>	\$ -
<b>FY16 Capital Cost:</b>	\$ 948,211
<b>Future Years' Estimated Annual Cost:</b>	\$ -

# WATER

## IN THIS SECTION:

- Upgrade of Existing Lime Softening Water Plant
- Water Line Replacement
- Water Main Improvement Project

## FY16 Supplemental/CIP Request

Project Description: <u>Upgrade of Existing Lime Softening Water Plant</u>			
Department:	<u>Public Works - Water &amp; Sewer</u>	Project #	
Division:	<u>Water Plant</u>	Totals	<u>\$1,737,995</u>
Account Number:	<u>420-10-646000-536-638-000</u>	Request Type	<u>New Request</u>
Project Location:	<u>Water Plant</u>	Priority Level	<u>Improvement</u>

**Objective:**

To rehabilitate the existing Lime Softening Water Treatment Plant so that it operates more efficiently and complies with industry standards.

**Justification:**

A Water Plant Feasibility Study was conducted to review the feasibility of upgrading the existing Lime Softening Treatment Plant, constructing a reverse osmosis (RO) Treatment Plant adjacent to the existing plant, and blending the water from different aquifers. The findings included a phased time schedule. The first phase of the Plant expansion is as follows: 1. Engineering and Design. 2. Biscayne Well Rehab and Piping. 3. Residuals handling. 4. New Building 5. Lime plant process upgrades. 6 .(2) Ground storage tank. 7. Repump facilities. 8. Transmission piping. In FY11 an OER Owner Engineer was selected to oversee the Water Plant Upgrades.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
699	Design	2,407,203						2,407,203
624	Purchase Property	699,527						699,527
699	Upgrades	1,235,856	1,737,995	12,978,295	6,000,000	6,000,000		27,952,146
704	Interest Expense							-
705	Principal Payment							-
699	Bond Admin. & Fees							-
699	Property Demolition	25,000						25,000
								-
<b>Total</b>		<b>4,367,586</b>	<b>1,737,995</b>	<b>12,978,295</b>	<b>6,000,000</b>	<b>6,000,000</b>	<b>-</b>	<b>31,083,876</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
W & S	420	100%	4,367,586	1,737,995	12,978,295	6,000,000	6,000,000		31,083,876
									-
									-
<b>Total</b>		<b>100%</b>	<b>4,367,586</b>	<b>1,737,995</b>	<b>12,978,295</b>	<b>6,000,000</b>	<b>6,000,000</b>	<b>-</b>	<b>31,083,876</b>

**Budget Office Use Only**

Funded	
Not Funded	
Partially Funded	
Pending	

<b>FY16 Operating Cost:</b>	\$	-
<b>FY16 Capital Cost:</b>	\$	1,737,995
<b>Future Years' Estimated Annual Cost:</b>	\$	24,978,295

## FY16 Supplemental/CIP Request

Project Description: <u>Water Line Replacement</u>			
Department:	<u>Public Works</u>	Project #	
Division:	<u>Water Distribution</u>	Totals	<u>\$300,000</u>
Account Number:	<u>420-10-649003-536-638-000</u>	Request Type	<u>New Request</u>
Project Location:	<u>Water Plant</u>	Priority Level	<u>Critical Repairs</u>

**Objective:**

To fund a 30-year replacement schedule to replace water lines throughout the City of North Miami.

**Justification:**

The City annually budgets to repair, replace and maintain water meters, mains and service lines; test water meters and repair or replace defective units; install backflow prevention devices and certify proper function upon installation. Due to an increasing number of repairs and defective units, a 30-year schedule will be implemented to replace water lines throughout the City. Current funding for service lines will remain in place for emergency repairs. This will be supplement funding for annual line replacement.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
636	4,000 LF of lrg dia. pipe	2,489,608	250,000	250,000	250,000	250,000	250,000	3,739,608
638	29,600 ft of small dia. pipe	255,125	50,000	50,000	50,000	50,000	50,000	505,125
								-
								-
								-
								-
<b>Total</b>		2,744,733	300,000	300,000	300,000	300,000	300,000	<b>4,244,733</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
W & S	420	100%	2,744,733	300,000	300,000	300,000	300,000	300,000	4,244,733
									-
									-
									-
<b>Total</b>		100%	2,744,733	300,000	300,000	300,000	300,000	300,000	<b>4,244,733</b>

**Budget Office Use Only**

	Funded
	Not Funded
	Partially Funded
	Pending

FY16 Operating Cost:	\$ -
FY16 Capital Cost:	\$ 300,000
Future Years' Estimated Annual Cost:	\$ 1,200,000

## FY16 Supplemental/CIP Request

Project Description:	Water Main Improvement Projects		
Department:	Public Works		Project #
Division:	Water Distribution	Totals	\$3,000,000
Account Number:	430-10-657000-536-636-000	Request T	New Request
Project Location:	Various	Priority L	Critical Repairs

**Objective:**

Water Main Improvements through-out the City which is identified in the system wide Hydraulic Model

**Justification:**

Water Main improvements as recommend by City consultant not for compliance with regulatory agencies. Water Main improvements will improve the city waster age, fire flow demands and system pressure. These upgrades will ensure system pressures are maintained, fire protection is provided and water quality required are meet under the Safe Drinking Water Program. Projects will be funded by Water & Sewer and Fire Flows Funds.

**Project Estimates:**

Object Code	Description	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
636	Water Main Improvement	500,000	3,000,000					3,500,000
								-
								-
								-
								-
								-
								-
								-
<b>Total</b>		500,000	3,000,000	-	-	-	-	<b>3,500,000</b>

Funding Source	Fund #	% Funding	Prior Years	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total Estimate
W & S	420	80%	500,000	2,500,000	-				3,000,000
W & S	420 (fire)	20%		500,000					500,000
									-
									-
<b>Total</b>		100%	500,000	3,000,000	-	-	-	-	<b>3,500,000</b>

**Budget Office Use Only**

<input type="checkbox"/>	Funded
<input type="checkbox"/>	Not Funded
<input type="checkbox"/>	Partially Funded
<input type="checkbox"/>	Pending

**FY16 Operating Cost:** \$ -  
**FY16 Capital Cost:** \$ 3,000,000  
**Future Years' Estimated Annual Cost:** \$ -