



**FY 2017 - 2026 Capital Improvement Plan  
Fund and Project Summary**

325 - Capital Acquisition			Category: Capital Acquisition						
			FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FYs 22-26
Estimated Available Beginning Balance:			\$ 8,040,492	\$ 9,440,082	\$ 7,417,339	\$ 7,758,500	\$ 6,710,252		\$ 5,765,988
REVENUE	Estimated Fund Balance @ 09/30/16	Information Purposes							
	Transfer In - Building Fund	77,900	40,000	40,000	40,000	40,000	40,000	40,000	190,000
	Transfer In - Fleet Fund	525,800	137,000	50,000	50,000	50,000	50,000	50,000	250,000
	Transfer In - General Fund	-	-	200,000	200,000	250,000	250,000	100,000	300,000
	Transfer In - Road & Drainage District	1,170,100	450,000	750,000	750,000	700,000	700,000	700,000	3,400,000
	Transfer In - Solid Waste District	3,077,000	1,485,030	941,860	1,124,730	1,196,060	1,159,290	1,155,050	5,000,000
	Transfer In - Fire Rescue District & EMS	1,272,400	579,000	722,000	722,000	722,000	722,000	722,000	3,610,000
	Investment Income	-	15,000	24,000	24,000	24,000	24,000	24,000	100,000
Total Revenue & Balances:		6,123,200	2,706,030	10,768,352	12,350,812	10,399,399	10,703,790	9,501,302	18,615,988
CAPITAL PROJECT EXPENSES			Carryover	New Funding					
Fire									
NEW	Renovate Fire Station 81 (N)	-	100,000	-	-	-	-	-	-
PROGRAM	Fire Apparatus Replacement Program (R)	-	-	993,000	315,000	698,916	-	-	4,023,820
Road and Drainage									
NEW	Capital Equipment Replacement over \$50,000 (R)	-	1,228,270	-	-	-	-	-	-
PROGRAM	Capital Equipment Replacement over \$50,000 (R)	-	-	1,610,600	1,179,310	84,690	870,630		3,401,290
Solid Waste									
PROGRAM	Solid Waste Trucks and Equipment (R)	-	-	2,329,873	1,146,589	3,209,932	2,864,684		9,965,299
Building									
Fleet									
Police									
Sub-total - New, Existing, Replacement Assets			-	1,328,270	4,933,473	2,640,899	3,993,538	3,735,314	17,390,409
Debt Service									
Total Capital Project Expenses:			-	1,328,270	4,933,473	2,640,899	3,993,538	3,735,314	17,390,409
Estimated Ending Balance:			\$ 2,706,030	\$ 9,440,082	\$ 7,417,339	\$ 7,758,500	\$ 6,710,252	\$ 5,765,988	\$ 1,225,579

\* Departments may have capital and equipment expenditures that do not meet CIP document threshold of \$50,000.

See the detailed budget for additional information.

## FY 2017 - 2026 Capital Improvement Plan Fund and Project Summary

423 - Capacity Fees - Utility Water Systems				Category: Utility					
				FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FYs 22-26
Estimated Available Beginning Balance:			\$ 2,188,760	\$ 1,999,530	\$ 1,824,530	\$ 1,561,630	\$ 1,298,730		\$ 1,735,830
REVENUE									
	Capacity Fees		690,000	690,000	472,100	472,100	472,100		2,360,500
	Investment Income		19,000	15,000	15,000	15,000	15,000		75,000
	Grants	229,250	110,000	230,000					
	Developer Agreement		-	-	-	-	-		-
Total Revenue:		\$ 229,250	819,000	935,000	487,100	487,100	487,100		2,435,500
CAPITAL PROJECT EXPENSES		Carryover	New Funding						
New Assets									
U13WPP	Pipeline coming from the MCWTP (N)	309,475	217,690	-	-	-	-		-
U15ASR	Aquifer, Storage and Recovery - Partially Treated (N)	397,102	-	-	-	-	-		-
NEW	Aquifer, Storage and Recovery - Permanent Facilities (N)	-	220,000	460,000	-	-	-		-
NEW	Water Transmission from MCWTP to Ortiz - Phase 1 (N)	-	250,000	-	-	-	-		-
NEW	Water Transmission Oversizing (N)	-	100,000	-	-	-	-		-
PROGRAM	Water Transmission from Ortiz to MCWTP (N)	-	-	600,000	700,000	700,000	-		-
PROGRAM	Water Transmission Oversizing (N)	-	-	50,000	50,000	50,000	50,000		250,000
Improvement of Existing Assets									
U15WTP	MCWTP Reliability Project (I)	254,566	-	-	-	-	-		-
NEW	Ammonia Upgrade at Booster Pump Stations (I)	-	50,000	-	-	-	-		-
Replacement of Existing Assets									
U15WT2	Water Transmission Service Improvements (R)	-	170,540	-	-	-	-		-
Sub-total - New, Existing, Replacement Assets		961,143	1,008,230	1,110,000	750,000	750,000	50,000		250,000
Total Capital Project Expenses:			1,008,230	1,110,000	750,000	750,000	50,000		250,000
Estimated Ending Balance:		\$ 229,250	\$ 1,999,530	\$ 1,824,530	\$ 1,561,630	\$ 1,298,730	\$ 1,735,830		\$ 3,921,330



## Capital Improvement Program

Public Works-Road &amp; Drainage

Capital Equipment Replacement over \$50,000 (R)

NEW

## PROJECT INFORMATION

PROJECT RANKING

1

STRATEGIC GOAL(S) Maintained/Upgraded/Expanded City Infrastructure

## PROJECT DESCRIPTION AND JUSTIFICATION

Replacement of equipment in accordance with the city-wide Fleet Equipment Replacement Program: CID71272 - Walking Excavator, CID71389 - Dump Truck, CID71390 - Dump Truck, CID70357 - 325 Excavator, CID70403 - Gradall Excavator will be replaced in FY 2017.



## OPERATING BUDGET IMPACT

Fuel and maintenance costs are already accounted for in the Operating Budget as this is a replacement item.

TOTAL ESTIMATED COST: \$ 1,228,270

For illustrative purposes only

## Capital Improvement Element of Comprehensive Plan

Part of Capital Improvement Element (CIE)

Level of Service (LOS) Restored

Project to go to DEO

Consistent with MPO long-range plan

Proportionate Fair Share shown

Meets CS 163.3-64

## Carryover

Cumulative Project Budget at 10/01/15	Cumulative Project Expenditures	Current YTD Encumbrances	Current Remaining Balance	Estimated Carryover at 09/30/16
\$ -	\$ -	\$ -	\$ -	\$ -

Funding Source	Prior Years	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
325-Capital Acquisition	\$ -	\$ 1,228,270	\$ -	\$ -	\$ -	\$ -	\$ 1,228,270	\$ -
<b>TOTAL FUNDING</b>		<b>\$ 1,228,270</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,228,270</b>	<b>\$ -</b>

Expenditure Type	Prior Years	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
Vehicles & Equipment	\$ -	\$ 1,228,270	\$ -	\$ -	\$ -	\$ -	\$ 1,228,270	\$ -
<b>TOTAL COST</b>		<b>\$ 1,228,270</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,228,270</b>	<b>\$ -</b>

Operating Impacts	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
Repairs & Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING IMPACTS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset



## Utilities - Water Systems

## Pipeline coming from the MCWTP (N)

U13WPP

## PROJECT INFORMATION

## PROJECT RANKING

1

**STRATEGIC GOAL(S)** Maintained/Upgraded/Expanded City Infrastructure

## PROJECT DESCRIPTION AND JUSTIFICATION

The project will add a 24" water main with 16-inch meter assembly, parallel to the existing 16" water main with 10-inch meter assembly, at the Myakkahatchee Creek Water Treatment Plant (MCWTP) on North Port Blvd. It is anticipated that this project will be completed by Winter 2016. The MCWTP is currently limited in delivering its rated capacity due to the size of the water main leaving the facility to North Port Blvd. Parallel lines from the MCWTP significantly increase system reliability and capacity for providing potable water to the distribution system. A parallel and larger pipe from the MCWTP will also decrease wear and tear on the pumps and smaller existing pipeline. In addition, the existing finished water line is an old AC line and it is very beneficial to have a back-up to this old AC line.



## OPERATING BUDGET IMPACT

Project adds a parallel finished water line and meter; thereby, increasing maintenance costs and reporting requirements through the addition of a second meter. However, it is anticipated that the parallel finished water line will reduce the strain on the high service pumps and decrease the maintenance costs of the pumps.

**TOTAL ESTIMATED COST: \$ 567,690**

## Capital Improvement Element of Comprehensive Plan

Part of Capital Improvement Element (CIE)	Yes	Level of Service (LOS) Restored	Yes
Project to go to DEO	Yes	Consistent with MPO long-range plan	
Proportionate Fair Share shown		Meets FS 163.3164	Yes

## Carryover

Cumulative Project Budget at 10/01/15	Cumulative Project Expenditures	Current YTD Encumbrances	Current Remaining Balance	Estimated Carryover at 09/30/16
\$ 350,000	\$ (40,525)	\$ (815)	\$ 308,660	\$ 309,475

  

Funding Source	Prior Years	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
423-Water Capacity Fees	\$ 350,000	\$ 217,690	\$ -	\$ -	\$ -	\$ -	\$ 217,690	\$ -
<b>TOTAL FUNDING</b>	<b>\$ 350,000</b>	<b>\$ 217,690</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 217,690</b>	<b>\$ -</b>

  

Expenditure Type	Prior Years	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
Planning & Design	\$ 44,740	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	305,260	217,690	-	-	-	-	217,690	-
<b>TOTAL COST</b>	<b>\$ 350,000</b>	<b>\$ 217,690</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 217,690</b>	<b>\$ -</b>

  

Operating Impacts	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
Repairs & Maintenance	\$ 315	\$ 331	\$ 347	\$ 365	\$ 383	\$ 1,741	\$ 10,188
<b>TOTAL OPERATING IMPACTS</b>	<b>\$ 315</b>	<b>\$ 331</b>	<b>\$ 347</b>	<b>\$ 365</b>	<b>\$ 383</b>	<b>\$ 1,741</b>	<b>\$ 10,188</b>

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset



## Utilities - Water

## Water Transmission Service Improvements (R)

U15WT2

## PROJECT INFORMATION

## PROJECT RANKING

1

**STRATEGIC GOAL(S)** Financially Responsible City Providing Quality Municipal Services

## PROJECT DESCRIPTION AND JUSTIFICATION

To improve the potable water distribution system reliability, fire flow, water quality and pressure to the residents of the city as well as reduce the amount of flushing necessary to maintain water quality. This project consists of design and construction of 16-inch water lines from the new 24-inch line at the WTP to the north and south along North Port Blvd. This project is critical to realizing the benefits of the new 24-inch finished water line from the WTP. The project accomplishes the following: 1) removes a segment of old AC pipe and two AC/steel pipe adaptors; 2) removes a segment of old steel pipe at the bridge crossing; 3) eliminates existing constriction in pipe heading south from the WTP; and, 4) increases volume of flow to north of WTP.

## OPERATING BUDGET IMPACT

Replacing existing AC and steel pipe will reduce maintenance costs. Addition of new pipe inherently increases maintenance costs over time. Because of reduction in maintenance costs for old steel and AC pipes being replaced, the increase in operation cost for new lines is not anticipated for many years.



**TOTAL ESTIMATED COST: \$ 563,740**

## Capital Improvement Element of Comprehensive Plan

Part of Capital Improvement Element (CIE)	Yes	Level of Service (LOS) Restored	Yes
Project to go to DEO	Yes	Consistent with MPO long-range plan	
Proportionate Fair Share shown		Meets FS 163.3164	Yes

## Carryover

Cumulative Project Budget at 10/01/14	Cumulative Project Expenditures	Current YTD Encumbrances	Current Remaining Balance	Estimated Carryover at 09/30/15
\$ 393,200	\$ (46,842)	\$ (25,671)	\$ 320,687	\$ 346,358

Funding Source	Prior Years	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
306-Surtax III	\$ 393,200							
423-Water Capacity Fees	-	170,540					170,540	
<b>TOTAL FUNDING</b>	<b>\$ 393,200</b>	<b>\$ 170,540</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 170,540</b>	<b>\$ -</b>

Expenditure Type	Prior Years	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
Planning & Design	\$ 72,555							
Construction	320,685	170,540					170,540	
<b>TOTAL COST</b>	<b>\$ 393,200</b>	<b>\$ 170,540</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 170,540</b>	<b>\$ -</b>

Operating Impacts	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5 Yr Total	FY 22-26
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING IMPACTS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset