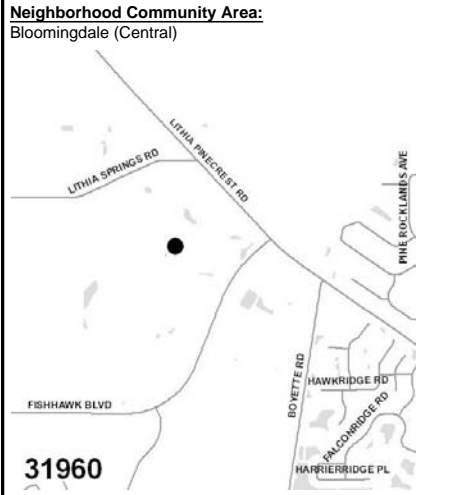


PROJECT TITLE: LITHIA AUXILIARY POWER IMPROVEMENTS
PROJECT NO: 31960
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M
PROGRAM: WATER SERVICES/POTABLE WATER

Project Description:
 Design and construction of two new 2,000 kVA 480 volt diesel generators (prime) at the Lithia Water Treatment Facility. This project will include expansion of diesel generator building, installation of two new 2,000 kVA diesel generators into building, demolition of three old 1,125 kVA generator sets, controls and pads, installation of new fuel oil storage tank, fuel lines and support structures, power cables and race ways, switch gear, motor control center section expansion and miscellaneous electrical equipment and materials.



Operating Cost Impact:
 None

Project Completion Date: Jun 2011

Expenditure Plan (in \$000's):

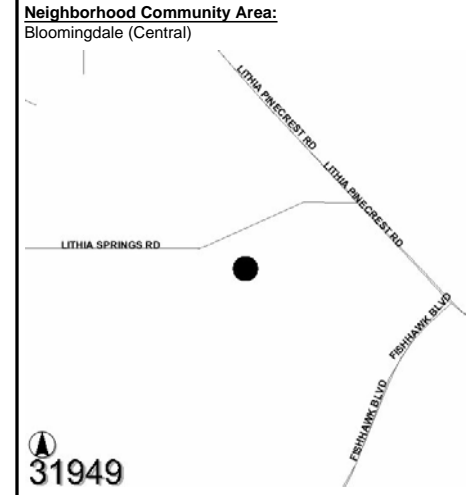
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	520	520	0	0	0	0	0	0	0
Design	728	0	728	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	3,744	0	0	3,744	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	208	208	0	0	0	0	0	0	0
Total	\$5,200	\$728	\$728	\$3,744	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	5,200	728	728	3,744	0	0	0	0	0
Total	\$5,200	\$728	\$728	\$3,744	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: LITHIA WTP ADDITIONAL PUMPING CAPACITY & GENERATOR
PROJECT NO: 31949
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: E,M
PROGRAM: WATER SERVICES/POTABLE WATER

Project Description:
 Replace two existing constant speed pumps with two new 2000 hp variable speed pumps, controls, electrical, SCADA etc. Add additional emergency diesel back-up power generators and accessories. Design and construct one 5 MG pre-stressed ground storage tank. Repair existing pressure regulating splitter valve. Scope change includes increasing the emergency generator building size for future expansion as well as the installation of an overhead crane to be able to move the generators around for repair and replacement. These items were determined to be necessary after operating during several hurricanes in FY04.



Operating Cost Impact:
 Operating Cost Impact of \$375,000 starting in FY 08

Project Completion Date: Dec 2007

Expenditure Plan (in \$000's):

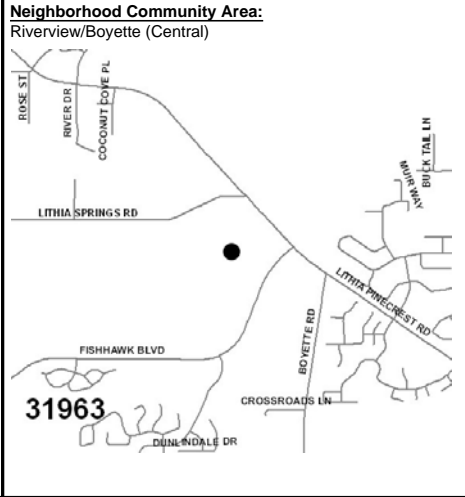
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	0	0	0	0	0	0	0	0	0
Design	1,208	1,208	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	6,970	6,970	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	197	197	0	0	0	0	0	0	0
Total	\$8,375	\$8,375	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Capacity Fees	2,166	2,166	0	0	0	0	0	0	0
Enterprise Fees	6,209	6,209	0	0	0	0	0	0	0
Total	\$8,375	\$8,375	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: LITHIA WTP HYDROGEN SULFIDE TREATMENT INTEGRATION
PROJECT NO: 31963
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F
PROGRAM: WATER SERVICES/POTABLE WATER

Project Description:
 Design and construct at the Lithia Water Treatment Plant (WTP) a piping connection from the regional water supply line to storage tank #1, a 1 MG chlorine contact tank, install above grade piping with chemical injection points and static mixers between the H2S facility and the Lithia WTP storage tanks, install feed piping, sample stations, monitoring equipment and telemetry for chemicals. Tampa Bay Water by Memorandum of Understanding (MOU) with Hillsborough County Water Resource Services is tasked to provide H2S treatment for the South Central Hillsborough Regional Well Field supply to Lithia. The MOU identified the project as being completed by October 2010.



Operating Cost Impact:
 None

Project Completion Date: Nov 2012

Expenditure Plan (in \$000's):

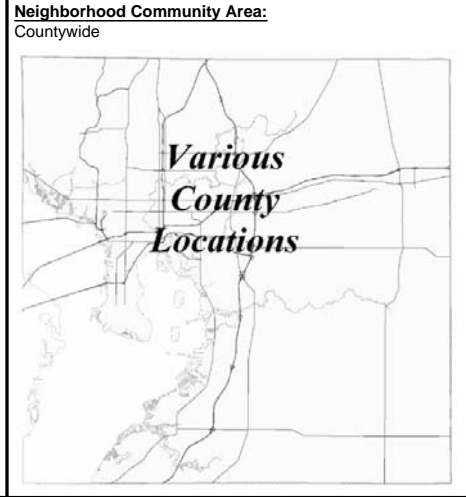
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	50	0	50	0	0	0	0	0	0
Design	900	0	900	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	2,950	0	0	2,950	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	100	0	50	50	0	0	0	0	0
Total	\$4,000	\$0	\$1,000	\$3,000	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Financing	4,000	0	1,000	3,000	0	0	0	0	0
Total	\$4,000	\$0	\$1,000	\$3,000	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: SECURITY IMPROVEMENTS AT WATER PLANTS
PROJECT NO: 31954
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: E
PROGRAM: WATER SERVICES/POTABLE WATER

Project Description:
 Implement additional security measures at the water facilities as recommended in the vulnerability assessment.



Operating Cost Impact:
 Operating cost impact of \$20,000 starting in FY 08.

Project Completion Date: Jan 2008

Expenditure Plan (in \$000's):

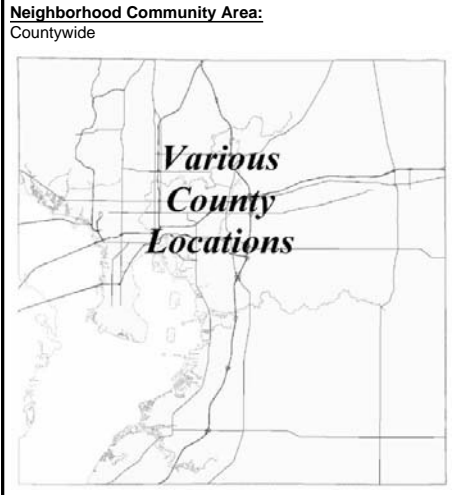
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	150	150	0	0	0	0	0	0	0
Design	503	503	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	197	197	0	0	0	0	0	0	0
Equipment	125	125	0	0	0	0	0	0	0
Administration	25	25	0	0	0	0	0	0	0
Total	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	1,000	1,000	0	0	0	0	0	0	0
Total	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: SOUTH CENTRAL WATER TRANSMISSION MAIN CONSTRUCTION
PROJECT NO: 31955
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: E **PROGRAM:** WATER SERVICES/POTABLE WATER

Project Description:
 Design and construct 22,000 ft of water transmission main (14,000 feet of 42 inch diameter and 8,000 feet of 30 inch diameter) from a new plant located near Falkenburg Road extending east along Woodbury, Fisher, Fairfield, Windhorst and connect to the existing 20 inch main on Parsons Ave.



Operating Cost Impact:
 Operating cost impact of \$7,500 in FY 08 and \$30,000 thereafter.

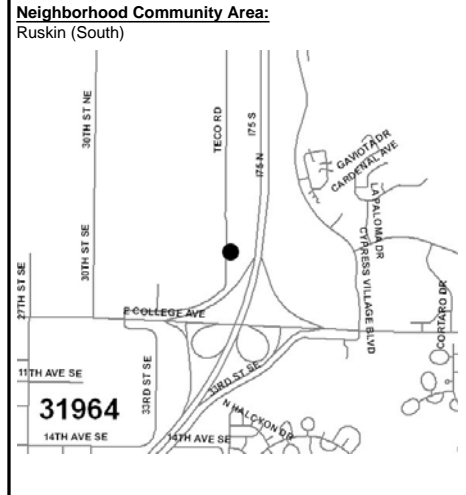
Project Completion Date: Jul 2008

Expenditure Plan (in \$000's):		Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	0	0	0	0	0	0	0	0	0	0
Design	2,590	2,590	0	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0	0
Construction	19,920	19,920	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Administration	490	490	0	0	0	0	0	0	0	0
Total	\$23,000	\$23,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):		Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Capacity Fees	22,438	22,438	0	0	0	0	0	0	0	0
Enterprise Fees	562	562	0	0	0	0	0	0	0	0
Total	\$23,000	\$23,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: SOUTH COUNTY POTABLE WATER REPUMP STATION
PROJECT NO: 31964
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F **PROGRAM:** WATER SERVICES/POTABLE WATER

Project Description:
 Design and construct a repump facility in the southern portion of the South-Central Potable Water System to assist in meeting peak demands. The repump facility will require approximately 20 MGD of firm pumping capacity, 5.0 MG of storage, and influent and effluent piping from/to the distribution system. More pumping capacity is needed to meet the ever-growing peak hour demands during the dry season in the South-Central service area. Without additional pumping capacity, this region will experience system pressures below the County's level of service in the 2010 dry season.



Operating Cost Impact:
 Operating cost is estimated to be \$184,000 a year starting in FY 11 and \$139,000 thereafter. Requires 3 new positions

Project Completion Date: Feb 2012

Expenditure Plan (in \$000's):		Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	150	0	150	0	0	0	0	0	0	0
Design	1,200	0	1,200	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0	0
Construction	5,550	0	0	5,550	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Administration	100	0	50	50	0	0	0	0	0	0
Total	\$7,000	\$0	\$1,400	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):		Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Financing	7,000	0	1,400	5,600	0	0	0	0	0	0
Total	\$7,000	\$0	\$1,400	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: UTILITY RELOCATION - MASTER PROJECT PROJECT NO: 31945
 CIE REQUIREMENT: Y
 LEVEL OF SERVICE IMPACT: M PROGRAM: WATER SERVICES/POTABLE WATER

Project Description:
 Provide funding to Public Works CIP projects that require utility relocation of water, wastewater, or reclaimed water lines. This funding will be for projects that do not individually bid their construction work.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 Operating cost impact of \$9,000 per year.

Project Completion Date: N/A

Expenditure Plan (in \$000's):									
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>
Development	0	0	0	0	0	0	0	0	0
Design	0	0	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	19,235	668	9,325	5,642	900	900	900	900	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	883	283	100	100	100	100	100	100	0
Total	\$20,118	\$951	\$9,425	\$5,742	\$1,000	\$1,000	\$1,000	\$1,000	\$0

Funding Sources (in \$000's):									
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>
Enterprise Fees	14,476	951	9,425	100	1,000	1,000	1,000	1,000	0
Financing	5,642	0	0	5,642	0	0	0	0	0
Total	\$20,118	\$951	\$9,425	\$5,742	\$1,000	\$1,000	\$1,000	\$1,000	\$0

PROJECT TITLE: WATER MAIN R&R- FARE ACCOUNT PROJECT NO: 31161
 CIE REQUIREMENT: Y
 LEVEL OF SERVICE IMPACT: M PROGRAM: WATER SERVICES/POTABLE WATER

Project Description:
 Provides funding for the estimated amount of repairs and replacements of water mains due to the age of the system. Individual projects will be identified for the 1st two years of each CIP.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

Expenditure Plan (in \$000's):										
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>	
Development	1,421	0	0	328	509	584	0	0	0	
Design	3,265	0	0	1,079	1,018	1,168	0	0	0	
Land/ROW	0	0	0	0	0	0	0	0	0	
Construction	10,134	0	0	3,283	3,163	3,688	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	
Administration	0	0	0	0	0	0	0	0	0	
Total	\$14,820	\$0	\$0	\$4,690	\$4,690	\$5,440	\$0	\$0	\$0	

Funding Sources (in \$000's):										
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>	
Enterprise Fees	14,820	0	0	4,690	4,690	5,440	0	0	0	
Total	\$14,820	\$0	\$0	\$4,690	\$4,690	\$5,440	\$0	\$0	\$0	

PROJECT TITLE: WATER TREATMENT R&R -MASTER PROJECT
PROJECT NO: 30116
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M **PROGRAM:** WATER SERVICES/POTABLE WATER

Project Description:
 Perform renewal and replacement project of approximately \$100,000-\$150,000 each at the Water Treatment facilities including Lithia, Fawn Ridge, Lake Park and the Manors of Crystal Lake.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

	Expenditure Plan (in \$000's):		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Total Est Cost	Prior Yrs Funding							
Development	539	77	77	77	77	77	77	77	0
Design	1,450	520	155	155	155	155	155	155	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	9,866	4,772	849	849	849	849	849	849	0
Equipment	177	177	0	0	0	0	0	0	0
Administration	1,410	564	141	141	141	141	141	141	0
Total	\$13,442	\$6,110	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$0

	Funding Sources (in \$000's):		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Total Est Cost	Prior Yrs Funding							
Enterprise Fees	13,442	6,110	1,222	1,222	1,222	1,222	1,222	1,222	0
Total	\$13,442	\$6,110	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$0

PROJECT TITLE: ARMAND DRIVE GRAVITY SEWER - PUMP STATION REPLACEMENT
PROJECT NO: 10641
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M **PROGRAM:** WATER SERVICES/WASTEWATER

Project Description:
 This project redirects the flow from the existing Armand Drive pump station to the 15 inch gravity transmission system on Hanley Road at West Cluster Avenue. Design and construction of six new manholes and 100 feet of gravity sewer line and the restoration of nine services will be required. Additionally, demolishing the old pump station and abandonment of 8 manholes and 2,100 feet of piping must be accomplished.

Neighborhood Community Area:
 Town N' Country (Northwest)



Operating Cost Impact:
 None

Project Completion Date: Aug 2010

	Expenditure Plan (in \$000's):		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Total Est Cost	Prior Yrs Funding							
Development	0	0	0	0	0	0	0	0	0
Design	168	168	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	576	0	576	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	56	56	0	0	0	0	0	0	0
Total	\$800	\$224	\$576	\$0	\$0	\$0	\$0	\$0	\$0

	Funding Sources (in \$000's):		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Total Est Cost	Prior Yrs Funding							
Enterprise Fees	800	224	576	0	0	0	0	0	0
Total	\$800	\$224	\$576	\$0	\$0	\$0	\$0	\$0	\$0