

**CITY OF MARCO ISLAND**

**ORDINANCE NO. 08- 16**

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF MARCO ISLAND, FLORIDA, ADOPTING THE ANNUAL UPDATE TO THE CAPITAL IMPROVEMENTS ELEMENT AND INCORPORATING THE UPDATE INTO THE CITY'S COMPREHENSIVE PLAN BY AMENDMENT; PROVIDING FOR CONFLICTS, SEVERABILITY, INCLUSION IN THE COMPREHENSIVE PLAN AND AN EFFECTIVE DATE.**

**WHEREAS**, in 2005, the Florida Legislature passed Senate Bill 360, which required, in part, that local governments annually update the Capital Improvements Element contained in their Comprehensive Plans in order to ensure that the required level of service standard for the public facilities listed in Section 163.3180, Florida Statutes is achieved and maintained over the planning period; and

**WHEREAS**, pursuant to Section 163.3177, Florida Statutes, all local governments are required to adopt this update by December 1, 2008; and

**WHEREAS**, the City of Marco Island Planning Board, as the local planning agency for the City of Marco Island ("City"), recommended approval of the proposed amendments to the Capital Improvements Element of the City of Marco Island Comprehensive Plan ("Comprehensive Plan") on October 24, 2008, with due notice to the public, after finding the proposed update to the Capital Improvement Element of the Comprehensive Plan to be consistent with the Comprehensive Plan; and

**WHEREAS**, after having received input and participation by interested members of the public and staff, and having considered the October 24, 2008 recommendation of the City of Marco Island Planning Board and staff, the City Council found the proposed update to the Capital Improvements Element to be consistent with the Comprehensive Plan; and

**WHEREAS**, the City Council has conducted a first and second reading of the proposed ordinance at duly noticed public hearings as required by law and further finds the proposed changes to the Capital Improvements Element of the Comprehensive Plan necessary and in the best interest of the City.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MARCO ISLAND, FLORIDA:**

**SECTION 1. Recitals.**

The foregoing “WHEREAS” clauses are hereby ratified and confirmed as being true, correct and reflective of the legislative intent underlying this Ordinance and are hereby made a specific part of this Ordinance.

**SECTION 2. Amendment and Adoption.**

The amendment to the Capital Improvements Element contained in the City of Marco Island Comprehensive Plan, which is attached to this Ordinance as Exhibit “A,” is hereby adopted.

**SECTION 3. Inclusion in the Comprehensive Plan.**

It is the intention of the City Council and it is hereby ordained that the amendments to the City of Marco Island Comprehensive Plan made by this Ordinance shall become part of the City of Marco Island Comprehensive Plan, that the sections of this Ordinance may be renumbered and relettered as necessary, and that the word “Ordinance” may be changed to “Section, “Article” or other appropriate word.

**SECTION 4. Conflicts.**

All ordinances or parts of ordinances and all resolutions or parts of resolutions in conflict with the provisions of this Ordinance are hereby repealed.

**SECTION 5. Severability.**

If any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

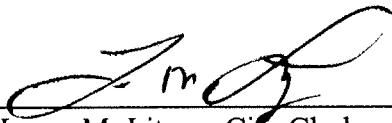
**SECTION 6. Effective Date.**

This Ordinance shall be effective immediately upon passage by the City Council on second reading, except that the effective date of these plan amendments approved by this Ordinance shall be the date a final order is issued by the Department of Community Affairs or Administration Council finding the plan amendments in compliance in accordance with Section 163.3184, Florida Statutes, whichever occurs earlier. The Department of Community Affairs notice of intent to find the plan amendments in compliance shall be deemed to be a final order if no timely petition challenging the plan amendments is filed.

ADOPTED BY THE CITY COUNCIL OF THE CITY OF MARCO ISLAND  
this 1<sup>st</sup> day of December, 2008.

Attest:

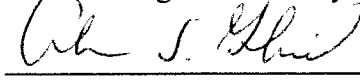
**CITY OF MARCO ISLAND, FLORIDA**

By:   
Laura M. Litzan, City Clerk

By:   
William D. Trotter, Chairman

(SEAL)

Reviewed for legal sufficiency:

By:   
Alan L. Gabriel, City Attorney

**EXHIBIT “A”**

**Table 8.1**

**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-2013  
(Transportation Facilities, Stormwater Drainage, Parks and Recreation, Schools)**

Note: None of the improvements described in the following Schedule of Capital Improvement tables are required to correct current or projected Level of Service deficiencies from 2009 through 2013.

Table 8.1(a)  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-13**  
**TRANSPORTATION FACILITIES IMPROVEMENTS/ENHANCEMENTS**

[ -----Committed Funding Sources-----] [----Projected Funding Sources----]

PROJECT	Location/Address	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTALS
Description		Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)
Bald Eagle Turn Lanes(1)	Bald Eagle Between Goldenrod & Elkcam Circle	---	---	---	\$75,000 / \$75,000 GF	\$400,000 / \$400,000 GF	\$475,000 / \$475,000 GF
Street Improvements(2)	City-wide	\$280,000 / \$200,000 RIF \$80,000 GF	\$400,000 / \$200,000 RIF \$200,000 GF	\$400,000 / \$200,000 RIF \$200,000 GF	\$300,000 / \$200,000 RIF \$100,000 GF	\$400,000 / \$200,000 RIF \$200,000 GF	\$1,780,000 / \$1,000,000 RIF \$780,000 GF
Bike Path Shoulder Widening (3)	City-wide	---	---	\$100,000 / \$100,000 GF	\$100,000 / \$100,000 GF	\$100,000 / \$100,000 GF	\$300,000 / \$300,000 GF
Marco Lake (4) Drive Sidewalk	Marco Lake Drive	\$96,000 / \$75,000 CDBG \$21,000 GF	---	---	---	---	\$96,000 / \$75,000 CDBG \$21,000 GF
Bridge Integrity Study (5)	City-wide	---	---	---	---	\$100,000 / \$100,000 GF	\$100,000 / \$100,000 GF
Bridge Repairs (City-wide) (6)	City-wide	\$1,271,600 / \$1,271,600 GF	\$545,000 / \$545,000 GF	\$350,000 / \$350,000 GF	---	---	\$2,166,600 / \$2,166,600 GF
Bridge Repairs (7) (Smokehouse Bay)	Smokehouse Bay	\$350,000 / \$200,000 CIP \$150,000 GF	\$1,500,000 / \$200,000 CIP \$1,300,000 GF	\$2,700,000 / \$200,000 CIP \$1,000,000 Grant	\$3,900,000 / \$200,000 CIP \$1,000,000 Grant	\$4,400,000 / \$200,000 CIP \$1,000,000 Grant	\$12,850,000 / \$1,000,000 CIP \$3,000,000 Grant

**Goals\*Objectives\*Policies**

**Capital Improvements**

	---	---	\$1,500,000 GF	\$2,700,000 GF	\$3,200,000 GF	\$8,850,000 GF
ANNUAL TOTALS	\$1,997,600 / \$200,000 RIF \$75,000 CDBG \$1,522,600 GF \$200,000 CIP	\$2,445,000 / \$200,000 RIF \$2,045,000 GF \$200,000 CIP	\$3,550,000 / \$200,000 RIF \$1,000,000 Grant \$2,150,000 GF \$200,000 CIP	\$4,375,000 / \$200,000 RIF \$1,000,000 Grant \$2,975,000 GF \$200,000 CIP	\$5,400,000 / \$200,000 RIF \$1,000,000 Grant \$4,000,000 GF \$200,000 CIP	\$17,767,600 / \$1,000,000 RIF \$3,000,000 Grant \$75,000 CDBG \$12,692,600 GF \$1,000,000 CIP

Notes: No projected LOS deficiencies 2009-2013  
Projects, Expenditures and Revenues per adopted FY 2008 Budget.

Abbreviations: GF - General Fund  
RIF - Road Impact Fees  
FDOT - Dept. of Transportation  
GRANT- Collier County Grant  
CDBG - Collier County Block Grant

- (1) Bald Eagle Drive turning lanes will be provided between Goldenrod Avenue and Elkcam Circle and at the intersection of N. Barfield Drive and Bald Eagle Drive.
- (2) This project involves the partial or full reconstruction of roadway intersection areas to resolve drainage problems, to replace asphalt pavement, to resolve inadequate turning radii, to remedy safety concerns, to alleviate excessive ponding of stormwater, and to construct or reconstruct paved shoulders and sidewalk improvements.
- (3) This project involves widening Barfield Drive, Winterberry Drive, San Marco Road, and portions of Bald Eagle Drive for the construction of bicycle lanes along both sides of the roadway.
- (4) Create a 6-foot sidewalk on 5<sup>th</sup> Avenue to provide adequate a convenient multimodal transportation system. Drainage will be addressed using valley gutters and improved drainage inlets between the existing pavement travel lanes, driveways and parking areas.
- (5) The following are the repairs recommended by bridge engineering consultants based on the damage and deterioration caused by Hurricane Wilma and age.
- (6) The following are the repairs recommended by bridge engineering consultants based on the damage and deterioration caused by Hurricane Wilma and age.
- (7) The Smokehouse Bay Bridges have been significantly impacted by age, deterioration, and damage caused by Hurricane Wilma. These bridges are scheduled to be totally rebuilt.

Table 8.1(b)  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-13**  
**STORMWATER DRAINAGE IMPROVEMENTS/ENHANCEMENTS**

[-----Committed Funding Sources-----] [----Projected Funding Sources----]

PROJECT	Location/Address	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTALS
Description		Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)
Drainage Improvements(1)	City-wide, per drainage basins set in the Master Drainage Study	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$3,000,000 / \$1,000,000 BCBG \$2,000,000 GF
	ANNUAL TOTALS	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$600,000 / \$200,000 BCBG \$400,000 GF	\$3,000,000 / \$1,000,000 BCBG \$2,000,000 GF

Notes: No projected LOS deficiencies 2009-2013  
 Projects, Expenditures and Revenues per adopted FY 2009 Budget.  
 BCBG – Big Cypress Basin Grants.

Abbreviations: GF - General Fund

- (1) The repair or replacement of existing storm sewers is an on-going program necessary to preserve and maintain existing storm drainage capacity. Also annual re-grading of roadside drainage swales is required to minimize nuisance ponding and to maintain adequate stormwater drainage along local streets to achieve efficient discharge into receiving waterbodies.

**Table 8.1(c)**  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-13**  
**PARKS, RECREATION AND OPEN SPACE IMPROVEMENTS/ENHANCEMENTS**

[-----Committed Funding Sources-----] [----Projected Funding Sources----]

PROJECT		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTALS
Description	Location/ Address	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)
Mackle Park Improvements (1)	1361 Andalusia Terrace	\$220,000 / \$200,000SPRG \$20,000 GF	\$7,605,000 / \$7,605,000 BOND*	---	\$150,000 / \$150,000 GF	\$150,000 / \$150,000 GF	\$8,125,000 / \$320,000 GF \$200,000 SPRG \$7,605,000 BOND*
Winterberry Park Improvements (2)	1408 San Marco Rd.	\$350,000 / \$350,000 GF	---	---	---	---	\$350,000 / \$350,000 GF
Veterans Community Park (3)	Windward Drive & West Elkcam Circle	\$275,000 / \$275,000 CIP Cash Forward	\$2,000,000 / \$2,000,000 BOND	---	---	---	\$2,275,000 / \$275,000 CIP \$2,000,000 BOND
Leigh Plummer Park Improvements (4)	758 N. Barfield Drive	---	---	\$300,000 / \$300,000 GF	---	---	\$300,000 / \$300,000 GF
Hard Court Conversion (5)	Racket Center	\$80,000 / \$40,000 RF \$40,000 GF	---	---	---	---	\$80,000 / \$40,000 RF \$40,000 GF
Roadside Border Landscaping(6)	South Collier Boulevard	\$220,000 / \$220,000 DOT	\$150,000 / \$150,000 GF	\$150,000 / \$150,000 GF	\$200,000 / \$200,000 GF	\$200,000 / \$200,000 GF	\$920,000 / \$220,000 DOT



**Goals\*Objectives\*Policies**

**Capital Improvements**

Capital Contingency	---	\$120,000 / \$120,000 GF	\$196,000 / \$196,000 GF	\$270,000 / \$270,000 GF	\$100,000 / \$100,000 GF	\$100,000 / \$100,000 GF	\$700,000 GF
Impact Fees	---	\$150,000 / \$150,000 IF	---	\$300,000 / \$300,000 IF	\$150,000 / \$150,000 IF	\$150,000 / \$150,000 IF	\$750,000 / \$750,000 IF
ANNUAL TOTALS		\$1,415,000 \$200,000SPRG \$275,000 CIP \$40,000 RF \$150,000 IF \$530,000 GF \$220,000 DOT	\$9,951,000 \$9,605,000 BOND \$346,000 GF	\$1,200,000 / \$720,000 GF \$300,000 IF	\$600,000 / \$450,000 GF \$150,000 IF	\$600,000 / \$450,000 GF \$150,000 IF	\$13,586,000 / \$2,496,000 GF \$200,000 SPRG \$275,000 CIP \$40,000 RF \$750,000 IF \$9,605,000 BOND \$220,000 DOT

Notes: No projected LOS deficiencies 2009-2013  
Projects, Expenditures and Revenues per adopted FY 2009 Budget.

Abbreviations:

- GF - General Fund
- PIF - Park Impact Fees
- DOT - Department of Transportation LAP agreement
- SPRG - State Park and Recreation Grant
- IF - Parks Impact Fees
- CIP - Capital Improvement Plan Cash Forward
- RF - Recreational Fund

\* Bond Referendum anticipated to provide significant funding for major 2010 projects.

- (1) On-going improvements to the City's flagship park pursuant to recommendations contained in the Mackle Park Master Plan.
- (2) Improvements and enhancements to playing fields.
- (3) Major improvements to be master planned.

**Goals\*Objectives\*Policies**

**Capital Improvements**

- (4) Construction of pathways and landscaping enhancements.
- (5) Funding allows for the resurfacing of hard courts one and two with a synthetic surface. To replace under ground irrigation at courts three and four.
- (6) To improve the quality of landscaping, in medians and roadside areas, on south Collier Boulevard between Winterberry Drive and Collier Court.

**Table 8.1(d)**  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-13**  
**PUBLIC SCHOOL FACILITIES**

The City of Marco Island incorporates and adopts by reference as Table 8.1 (d) the School District of Collier County's "Annual Capital Improvements Plan", FY 2009-2028 approved on April 15, 2008 and subsequently amended on May 15, 2008. Furthermore, the District Facilities Work Program FY 2009-2013 adopted by the School Board on August 21, 2008 is adopted as part of the Data and Analysis in support of Table 8.1(d).

**Table 8.2**  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-2013**  
**(Potable Water and Sanitary Sewers)**

Note: None of the improvements described in the following Schedule of Capital Improvement tables are required to correct current or projected Level of Service deficiencies from 2009 through 2013.

Table 8.2(a)  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-13**  
**POTABLE WATER FACILITIES IMPROVEMENTS/ENHANCEMENTS**

PROJECT	Location/Address	FY 2009 Expenditure / Revenue Source(s)	FY 2010 Expenditure / Revenue Source(s)	FY 2011 Expenditure / Revenue Source(s)	FY 2012 Expenditure / Revenue Source(s)	FY 2013 Expenditure / Revenue Source(s)	TOTALS Expenditure / Revenue Source(s)
SCADA System (1)	Radio Polling System	\$10,900 / \$10,900 W R&R	---	---	---	---	\$10,900 / \$10,900 W R&R
Leak Detection (2)	Pilot location TBD	\$100,000 / \$100,000 W R&R	---	---	---	---	\$100,000 / \$100,000 W R&R
Inoperative Valves (3)	System-wide	\$250,000 / \$250,000 W R&R	---	---	---	---	\$250,000 / \$250,000 W R&R
Meter Replacement Program (4)	System-wide	---	\$250,000 / \$250,000 W R&R	\$300,000 / \$300,000 W R&R	\$325,000 / \$325,000 W R&R	---	\$875,000 / \$875,000 W R&R
Renewal & Replacement (5)	System-wide	---	\$750,000 / \$750,000 W R&R	\$750,000 / \$750,000 W R&R	\$800,000 / \$800,000 W R&R	\$820,000 / \$820,000 W R&R	\$3,145,000 / \$3,145,000 W R&R
RO Plant Membrane Replacement (6)	South Plant, Lily Court and Heathwood Drive	\$320,000 / \$320,000 Cap. Reserves	\$350,000 / \$350,000 Cap. Reserves	\$350,000 / \$350,000 Cap. Reserves	\$375,000 / \$375,000 Cap. Reserves	\$395,000 / \$395,000 Cap. Reserves	\$1,835,000 / \$1,835,000 Capital Reserves
Vehicle Replacement Program (7)	---	---	\$555,000 / \$555,000 W R&R	\$570,000 / \$570,000 W R&R	---	---	\$1,125,000 / \$1,125,000 W R&R
South Plant Water	South Plant, Lily Court and				\$4,600,000 /	---	\$4,600,000 /

**Goals\*Objectives\*Policies**

**Capital Improvements**

Storage (9)	Heathwood Drive	---	---	---	---	\$4,600,000 Bond	
Unscheduled Capital Projects (10)	Contingency Funds	---	\$150,000 / \$150,000 Cap. Reserves	\$150,000 / \$150,000 Cap. Reserves	\$150,000 / \$150,000 Cap. Reserves	\$600,000 / \$600,000 Cap. Reserves	
Filter Upgrades – North Plant (11)	North Plant Elkcam Circle	\$1,598,300 / \$1,598,300 Bond	---	---	---	\$1,598,300 / \$1,598,300 Bond	
Emergency Generator – North Plant (12)	New Generator at North Plant	\$1,500,000 / \$1,500,000 Bond	---	---	---	\$1,500,000 / \$1,500,000 Bond	
	<b>ANNUAL TOTALS</b>	\$5,254,200 / \$4,573,300 Bond \$360,900 W R&R \$320,000 Reserves	\$6,055,000 / \$4,000,000 Bond \$1,555,000 W R&R \$500,000 Reserves	\$2,120,000 / \$1,620,000 WR&R \$500,000 Reserves	\$6,250,000 / \$4,600,000 Bond \$1,125,000 W R&R \$525,000 Reserves	\$1,365,000 / \$820,000 W R&R \$545,000 Reserves	\$21,114,200 / \$5,505,900 W R&R \$2,435,000 Reserves \$13,173,000 Bond

Notes: No projected LOS deficiencies 2009-2013  
 Projects, Expenditures and Revenues per adopted FY 2008 Budget.

- \* Capital Reserves
- \*\* Anticipated Future Water Bond Issues
- \*\*\* Actual and anticipated grant awards from SFWMD
- \*\*\*\* FDEP grant award

Abbreviations: GF - General Fund  
 WIF - Water Impact Fees  
 Reserves - Capital Reserves  
 Bond - Future Bond Issue  
 SFWMD - SF Water Man. District  
 W R&R - Water Repair & Restoration Fund  
 Grant - FDEP grant

- (1) To improve reliability of the SCADA System and expand capabilities of the system.
- (2) An older area of Marco Island will be selected and sound wave technology will be used to identify leaks. Once identified and determined the source and quantity of lost water, then appropriate action will be taken.

## Goals\*Objectives\*Policies

## Capital Improvements

- (3) The program will allow Marco Island Utilities to have fewer customers out of service in maintenance situations, such as water main breaks and utility relocation. The age, environment, and infrequent use of the valves have created an urgent need to begin the valve replacement program.
- (4) Water meter accuracy deteriorates with time. The normal life of a meter is 10 years. The Utility Department should replace approximately 10% per year and convert to "touch pad" devices to improve accuracy of readings.
- (5) Historically, the Utility experiences a variety of distribution and collection system repairs. These repairs are unplanned and in some cases unknown.
- (6) The Reverse Osmosis facility has 6 parallel treatment trains, each with 24 membrane tubes. As the membrane ages, the rejection level of solids decreases, allowing more dissolved solids to pass through the treatment plant. Replace one train per year with chemical cleaning of remaining trains annually.
- (7) Scheduled replacement of field vehicles.
- (8) To add an additional 1.67 million gallons per day of surface water treatment capacity.
- (9) Design and construction of a new 2-3 million gallon storage tank at the South Plant complex.
- (10) An annual budget allocation for a contingency account is proposed for each year of the Five-Year CIP.
- (11) Rehabilitation of the lime softening clarifier includes replacement of radial and effluent launders.
- (12) Design and install emergency generator at the North Water Plant. The generator will provide standby power during electrical outages to operate the plant continuously.

Table 8.2(b)  
**SCHEDULE OF CAPITAL IMPROVEMENTS 2009-13**  
**SANITARY SEWER FACILITIES IMPROVEMENTS/ENHANCEMENTS**

PROJECT	Location/Address	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTALS
Description		Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)	Expenditure / Revenue Source(s)
Renewal & Replacement (1)	System-wide	--	\$300,000 / \$300,000 W R&R	\$325,000 / \$325,000 W R&R	\$350,000 / \$350,000 W R&R	\$375,000 / \$375,000 W R&R	\$1,350,000 / \$1,350,000 W R&R
W Water Treatment Plant Improve (2)	North Plant, East Elkcam and Windward Drive	\$2,448,100 / \$2,448,100 Capital Reserve	---	---	---	---	\$2,448,100 / \$2,448,100 Capital Reserve
Deep Well Injection (3)	North Plant	\$2,448,100 / \$2,448,100 Sewer Assessments	---	---	---	---	\$2,448,100 / \$2,448,100 Sewer Assessments
Unscheduled Capital Projects(4)	Capital Projects	--	\$400,000 / \$400,000 Capital Reserve	\$400,000 / \$400,000 Capital Reserve	\$400,000 / \$400,000 Capital Reserve	\$400,000 / \$400,000 Capital Reserve	\$1,600,000 / \$1,600,000 Capital Reserve
W Water Treatment Plant Improve (5)	North Plant Elkcam Circle	\$11,771,000 / \$11,771,000 Bond	---	---	---	---	\$11,771,000 / \$11,771,000 Bond
Gravity Line Upgrades (6)	System Repairs	---	---	---	\$187,500 / \$187,500 Bond	\$2,000,000 / \$2,000,000 Bond	\$2,187,500 / \$2,187,500 Bond



**Goals\*Objectives\*Policies**

**Capital Improvements**

Re-Use 2 MG Storage Tank (7)	South Plant	--	--	--	--	\$2,000,000 / \$2,000,000 Bond	--	\$2,000,000 / \$2,000,000 Bond
W'Water Treatment Plant Expan. To 5 MGD (8)	North Plant	\$3,144,500 / \$3,144,500 Sewer Assess.	--	--	--	--	--	\$3,144,500 / \$3,144,500 Sewer Assess.
STRP Road Re-surfacing (9)	STRP Road Re-surfacing	\$1,415,400 / \$1,415,400 RBI	\$2,221,800 / \$2,221,800 RBI	\$1,149,300 / \$1,149,300 RBI	\$939,700 / \$939,700 RBI	\$939,700 / \$939,700 RBI	--	\$5,726,200 / \$5,726,200 RBI
	ANNUAL TOTALS	\$21,227,100 / \$5,592,600 Sewer Assess. \$2,448,100 Capital Reserve \$11,771,000 Bond \$1,415,400 RBI	\$2,921,800 / \$400,000 Capital Reserves \$300,000 W R&R \$2,221,800 RBI	\$1,874,300 / \$400,000 Capital Reserves \$325,000 W R&R \$1,149,300 RBI	\$3,877,200 / \$400,000 Capital Reserves \$350,000 W R&R \$2,187,500 Bond \$939,700 RBI	\$3,877,200 / \$400,000 Capital Reserves \$350,000 W R&R \$2,187,500 Bond \$939,700 RBI	\$2,775,000 / \$400,000 Capital Reserves \$375,000 W R&R \$2,000,000 Bond	\$32,675,400 / \$4,048,100 Cap. Reserve \$1,350,000 W R&R \$15,958,500 Bond \$5,592,600 Sewer Assess. \$5,726,200 RBI

## Goals\*Objectives\*Policies

## Capital Improvements

Notes: No projected LOS deficiencies 2009-2013

Abbreviations: W R&R - Wastewater Repair and  
Restoration Fund  
Sewer Assessments  
Wastewater Capital Reserve

Projects, Expenditures and Revenues per adopted FY 2009 Budget.

- (1) Historically, the Utility experiences a variety of distribution and collection system repairs. These repairs are unplanned and in some cases unknown.
- (2) To upgrade and expand the existing wastewater treatment plant to 5 million gallons per day capacity to facilitate the completion of the STEP program.
- (3) The existing deep injection well takes reject water from the RO facility as well as wastewater effluent that does not meet reuse standards. Expansion of the wastewater treatment plant will increase the amount of treated wastewater that may have to go down the injection well. The existing deep injection well is at maximum capacity and cannot accommodate these increase. A second injection well is required to expand these capacities.
- (4) To have the resources available within the CIP budget to meet unscheduled needs.
- (5) To upgrade and expand the existing wastewater treatment plant to five million gallons.
- (6) Historically, the utility experiences a variety of distribution and collection system repairs. These repairs are unplanned and in some cases unknown.
- (7) The utility is making provisions to increase the capability to deliver additional reuse water. The majority of potential new irrigation users are along South Collier Boulevard to Collier Court.
- (8) Replace and improve the wastewater treatment plant to five million gallons per day capacity.
- (9) To resurface the roads that are impacted during the installation of the Septic Tank Replacement Program.