



Charlotte County 2014 – 2019 CIP



Agenda

- Overview of CIP Process
- Transportation Projects
- Utilities Projects
- Proposed Ad Valorem Projects



Overview of CIP Process



Purpose of CIP

- Strategically identify capital investment needed over time
- Balances projects with available funding sources
- Aligns with Concurrency
- Proactive and preventative in nature
- CIP covers a 6 year period with FY14 and FY15 comprising the Capital Budget
- Includes carry-forwards from previous years for projects in process



Project Prioritization

- Public health and safety
- Concurrency - County Level of Service standards
- Mandated by law, court order or mediation
- Maintain County investment in existing facilities and infrastructure



Transportation Capital Projects



Revenue Sources

Transportation Capital Projects



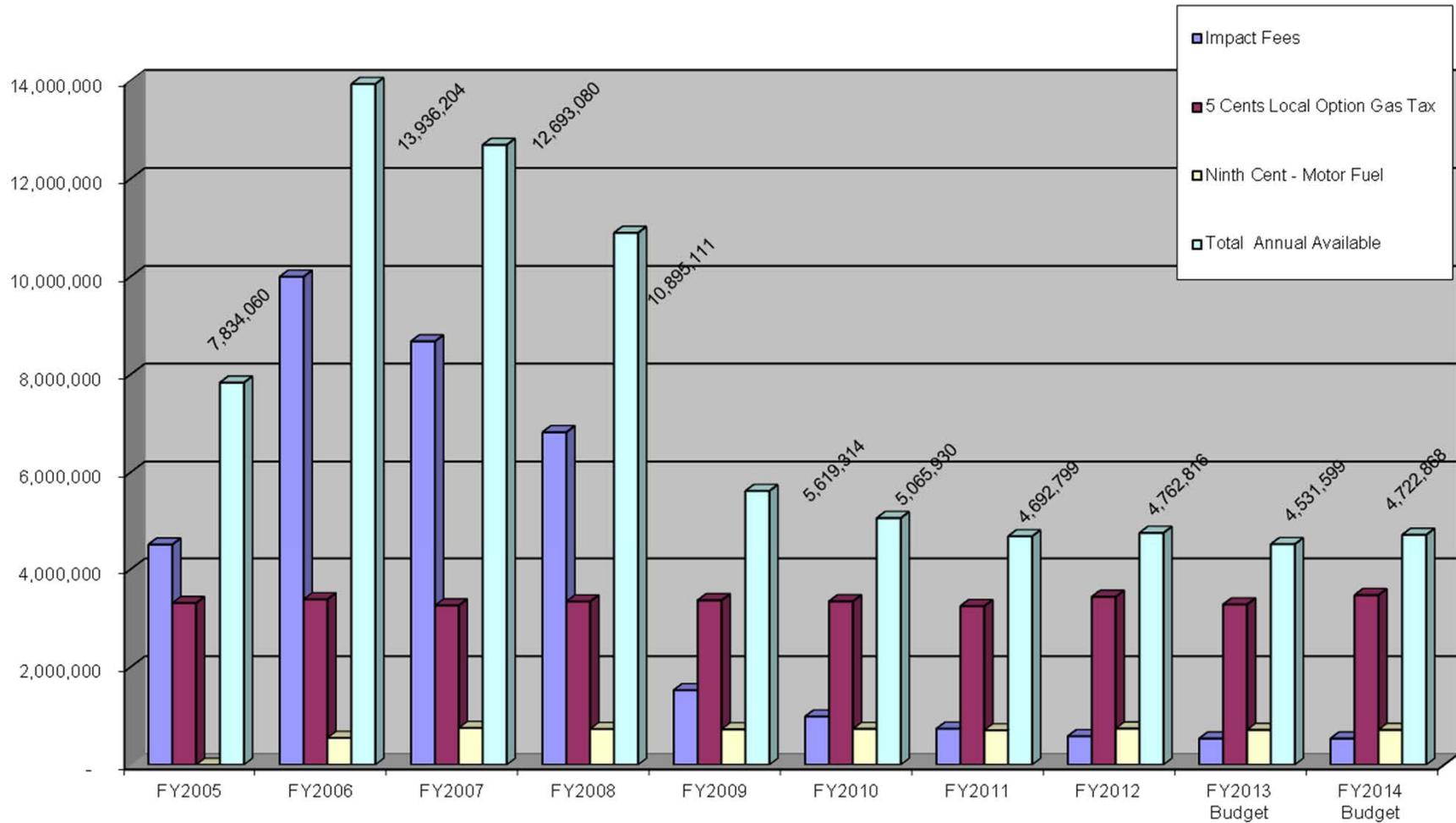
Gas Tax Revenues

		<u>FY11/12 Actuals</u>	<u>FY12/13 Budget</u>	<u>FY13/14 Forecast</u>	<u>Variance</u>
Constitutional Tax	2 Cents	\$ 1,978,415	\$ 2,019,767	\$ 1,998,199	\$ (21,568)
County Fuel Tax	1 Cent	856,704	881,654	865,271	(16,383)
First Local Option	6 Cents	4,608,546	4,572,746	4,654,631	81,885
Second Local Option	5 Cents	3,437,673	3,280,951	3,472,050	191,099
Ninth Cent	1 Cent	925,779	898,943	935,037	36,094
		<u>\$ 11,807,117</u>	<u>\$ 11,654,061</u>	<u>\$ 11,925,188</u>	<u>\$ 271,127</u>

5 cent – local option has to be used for new construction or capacity increasing road projects



Road Construction Annual Revenue





	Carry Forward	FY 14 New	Proposed Roads CIP
	Amounts	Revenues	Total FY14 Funding
Gas Tax	30,822	4,186	35,008
Road Impact Fees	8,375	872	9,247
Sales Tax 2002	4,822		4,822
Sales Tax 2009	62,564	17,929	80,493
Grants	9,276	200	9,476
Developer Contribution	-	-	-
Other	270	197	467
External Borrowing	8,500	-	8,500
Charlotte County Utilities		5,301	5,301
TOTAL FUNDING	124,629	28,685	153,314



Capital Transportation Projects (Summary)

	6 Year Total (Funded)	Future (Unfunded)
Projects Previously Approved and in Progress	164,412,000	78,453,000
New Projects for FY13/14	1,230,000	-
Future Unfunded Projects (15 projects)	-	287,565,000
	<u>165,642,000</u>	<u>366,018,000</u>



Capital Transportation Projects

(Projects Previously Approved and in Progress)

CAPITAL TRANSPORTATION PROJECTS - ROADS (Proposed FY14 CIP)		Estimated % Completed as of 8/01/13	6 Year Total (Funded)	Future (Unfunded)
Burnt Store Road Ph 1 (US 41-Notre Dame)	Construction	100%	2,030,000	595,000
Burnt Store Road Ph 3 (Zemel Rd to Lee County line)*	Design	100%	24,168,000	-
CR771(Gasparilla Rd)/SR776 to Rotonda Blvd East*	Design	90%	31,527,000	
CR775/Placida Rd-RBW-Cape Haze Drive	Design(path)	30%	8,787,000	17,381,000
Desoto Canal Bridge Replacement - Harborview Rd	Design	100%	1,667,000	
Edgewater Corridor Ph 1 (Design/ROW- new Alignment)	Design	100%	2,144,000	30,610,000
Edgewater Corridor Ph 2 (Harbor to Midway)*	Design	100%	29,184,000	
Kings Hwy Sandhill - Desoto County Line	ROW	N/A	250,000	3,974,000
Midway Blvd - Birchcrest to Kings*	Design	90%	30,007,000	
Piper Rd North ROW purchase only	N/A	N/A	20,000	
Rampart Blv Widening	Complete	100%	344,000	25,893,000
Roadside Landscaping	Various Proj	N/A	519,000	
Sandhill Blvd Widening - Kings Hwy to Capricorn	Study	75%	7,360,000	
Sidewalks 2009 SalesTax Extension (Phase 1 Sidewalks)	Construction	100%	3,990,000	
Sidewalks 2009 SalesTax Extension (Phase 2 Sidewalks)	Construction	60%		
Sidewalks 2009 SalesTax Extension (Phase 3 Sidewalks)	Construction	25%		
Tom Adams Bridge	Design	60%	5,553,000	
Winchester South*	Design	100%	16,862,000	
*Includes utility costs			<u>164,412,000</u>	<u>78,453,000</u>

Future is not a complete list; excludes projects with no funding in the 6-year window.



Capital Transportation Projects

	% Completed	6 Year Total (Funded)	Future (Unfunded)
New Projects for FY14			
ADA Sidewalk Renovations		750,000	-
Orlando Blvd. Improvements		140,000	-
School Flashing Beacon Technology Upgrade		140,000	-
Signal Timing Analysis and Implementation (FDOT grant)		<u>200,000</u>	-
		\$1,230,000	



Capital Transportation Projects

(Future Unfunded Projects)

Unfunded Project Name		6 Year Total Funded	Future (Unfunded)
Burnt Store Rd Ph 2 (Notre Dame-Zemel)		-	53,510,000
Cochran Blvd.-Pellam to Lakeview		-	1,305,000
Collingswood Corridor –Edgewater to US 41		-	48,600,000
CR775/(Placida Rd) Ph2–Cape Haze to Boca Grande		-	19,660,000
Edgewater Ph3-Midway to Collingswood		-	12,750,000
Edgewater Ph4-Collingswood to SR776		-	20,595,000
Harborview Ph2-Melbourne to I-75		-	43,543,000
Luther Rd Extension		-	9,900,000
Olean Blvd-US 41 to Harbor		-	9,913,000
Piper Rd North		-	22,184,000
Rio Villa Bridge Replacement		-	1,800,000
Toledo Blade/Cochran –SR776 to Pellam		-	19,480,00
Toledo Blade-Widen from US 41 to SR776		-	2,625,000
Tuckers Grade Extension		-	15,700,000
Washington Loop Bridge Replacement		-	<u>6,000,000</u>
Total Unfunded		-	287,565,000



CHARLOTTE COUNTY UTILITY CAPITAL PROJECTS



Revenue Sources for CCU Capital Projects – FY14 & FY15

FY14

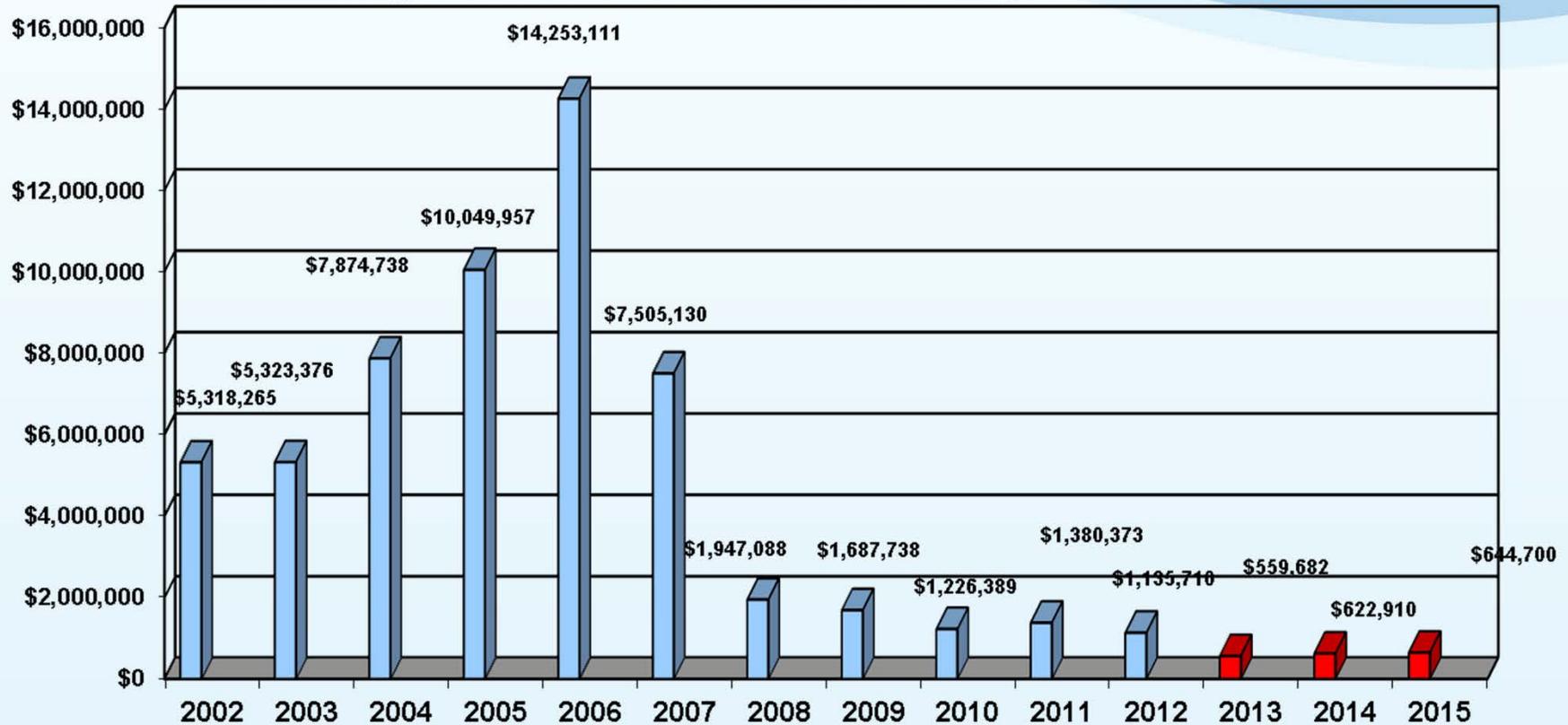
- Budgeted Renewal and Replacement Fund minimum transfer is equal to 5% of Gross Revenues as required by Bonds – \$6,000,000
- Estimated Collection of Water Connection Fees - \$315,060 and Wastewater Connection Fees - \$307,850

FY15

- Budgeted Renewal and Replacement Fund minimum transfer is equal to 5% of Gross Revenues as required by Bonds - \$6,000,000
- Estimated Collection of Water Connection Fees - \$320,400 and Wastewater Connection Fees - \$324,300



Utility Water and Wastewater Connection Fee Collections



Actual Collections FY2002 – 2012 and Projected Collections FY2013 - FY2015
Connection Fees were decreased April 1, 2012



FY14 CIP Funding Sources (in thousands)

	Carry Forward Amounts	FY 14 New Revenues	Proposed Utilities CIP Total FY14 Funding
Wastewater Conn. Fee	5,451	(1,838)	3,613
Water Conn. Fee	1,897	(997)	900
R & R Funds	11,398	4,867	16,265
O & M Funds	68	1,250	1,318
Grants	50	236	286
TOTAL FUNDING	18,864	3,518	22,382



Infrastructure Projects



Infrastructure Projects

Project	FY14 Carryover	FY14 New	Total FY14	Total FY15
Babcock Water Supply				1,000,000
Burnt Store Wellfield	-	200,000	200,000	100,000
Hillsborough/Chancellor Portable WM Improvement	-	250,000	250,000	250,000
Major Water Transmission Lines	1,753,000	(1,300,000)	453,000	-
Meter Fixed Base System	-	650,000	650,000	650,000
New Water Distribution Line Extension Piping	103,000	170,000	273,000	200,000
Water Distribution Pipe Replacement	220,000	130,000	350,000	170,000
Burnt Store Water Reclamation Facility Upgrades	40,000	-	40,000	-
East Port Expansion Water Reclamation Facility	12,675,000	-	12,675,000	1,210,000
Master Lift Stations	-	-	-	170,000
Reclaimed Water Expansion Phase 2	100,000	-	100,000	-
Reclaim Water Expansion Phase 3	-	472,000	472,000	4,716,000
Reclaimed Water lines	417,000	134,000	551,000	-
Repair, Replace, Reline Wastewater Collection Sys	147,000	210,000	357,000	210,000
Wastewater Collections Infrastructure	214,000	140,000	354,000	170,000
Wastewater Force Mains	894,000	200,000	1,094,000	50,000
Wastewater Force Mains Replacement	1,168,000	230,000	1,398,000	838,000
Wastewater Lift Stations Replacement/Restoration	690,000	(90,000)	600,000	330,000
West Port Water Reclamation Facility	357,000	500,000	857,000	-
CCU Business Services Customer Billing and Database	-	1,250,000	1,250,000	-
Utility Installations for US 41 Widening Project (non-CCU funding)	68,000	230,000	298,000	-
Water & Sewer Waterway Crossings	18,000	120,000	138,000	120,000
Water Transmission/Wastewater Collection Reimbursement	-	22,000	22,000	21,000
Total	18,864,000	3,518,000	22,382,000	10,205,000



New Infrastructure Projects

	FY14	FY15	Future
New Projects for FY14			
Burnt Store Well Field	200,000	100,000	1,680,000
Hillsborough/Chancellor Portable Water Main Improvement	250,000	250,000	2,700,000
Master Lift Stations	-	170,000	12,300,000
Reclaimed Water Expansion - Phase 3 (50% SWFWMD Grant funding)	472,000	4,716,000	4,246,000
Reclaimed Water Main 12" East Port WRF to Harborview Road	-	-	222,000
Reclaimed Water Service Connections (Grant and Developer contribution)	-	-	800,000
Rotonda Water Reclamation Facility Phase II Expansion	-	-	4,000,000
West Port WRF Monitoring Well Rehab/Replacement	-	-	481,000
CCU Business Services Customer Billing and Data Base	1,250,000.00	-	1,200,000
	2,172,000.00	5,236,000.00	27,629,000
			23



SOLID WASTE CAPITAL PROJECTS



New Solid Waste Capital Projects

- Commercial Landscape Debris Facility – Facility will shred/grind vegetative wastes into wood chips and will service the commercial landscaping businesses on a fee based system – \$1.133 million in FY14.



- Landfill Access Paving – Repaving of Zemel Road Landfill Access Road - \$250,000 in FY15



Capital Equipment



Transportation Equipment

	FY14	FY15
Drum Roller	\$ 100,000	
Road Grader (new)	140,000	
Large Front End Loader	180,000	\$ 175,000
Small Front End Loader	125,000	
Paving Machine	112,000	
Asphalt Patching Truck	120,000	
Truck – Paint Striper	160,000	
Bulldozer		125,000
Large Track Excavator		475,000
Culvert Cleaner		300,000
Grapple Truck		108,000
Flail Mower		175,000
Ten Wheel Dump Trucks (4 each year)	480,000	480,000
<i>*All replacements per 10 year replacement schedule</i>	<u>\$ 1,417,000</u>	<u>\$1,838,000</u>



Utilities

Backhoes (2) - Replacement
Dump Truck - Replacement

FY14

\$228,000

\$130,000





Solid Waste

	FY14	FY15
Articulating Dump Truck - Replacement	473,000	
Truck Tractor (New)	150,000	
Dozer - Replacement		600,000
	<hr/>	<hr/>
	\$623,000	\$600,000





Capital Projects Fund

FY14 & FY15 Budget



Capital Project Millage

- One of the County-wide Ad Valorem funds
- Millage rate = 1.2654
- FY14 Projected revenue = \$14,515,668
- Revenues are used for
 - Construction / rehab of facilities
 - Computer infrastructure
 - Community Services projects



Ad Valorem Capital Projects Fund Revenues





Proposed Ad Valorem Projects

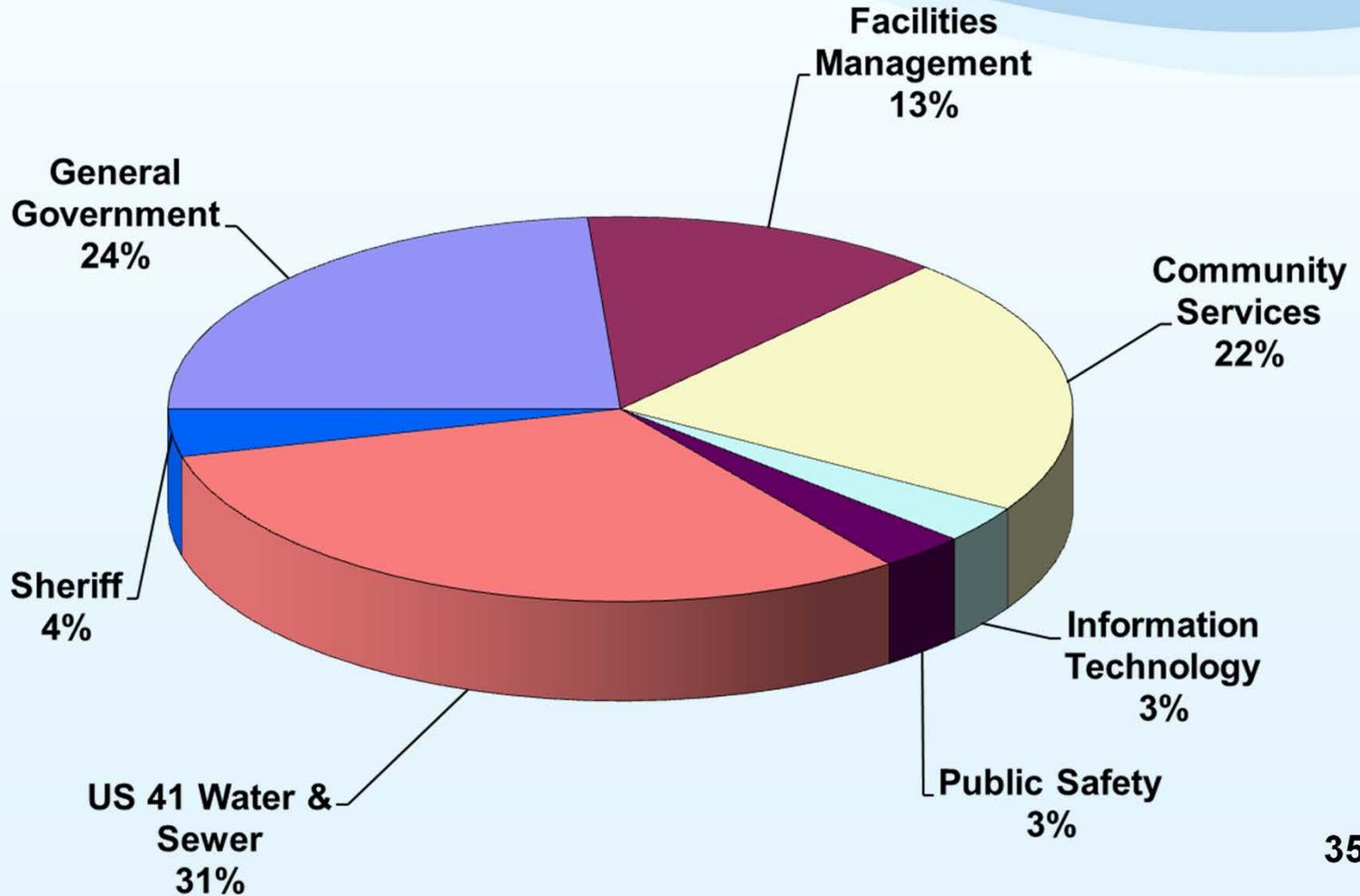


FY14 & FY15 Proposed Summary (Ad Valorem Only)

	FY14	FY15
General Government	\$6,091,000	\$6,926,000
Facilities Const. & Maint.	3,014,000	1,895,000
Information Technology	613,000	526,000
Public Safety	974,000	551,000
Community Services	9,091,000	2,402,000
US 41 Water and Sewer	7,600,000	220,000
Sheriff	<u>707,000</u>	<u>8,225,000</u>
Total Allocations	\$28,066,000	\$20,745,000



Percentage by Department

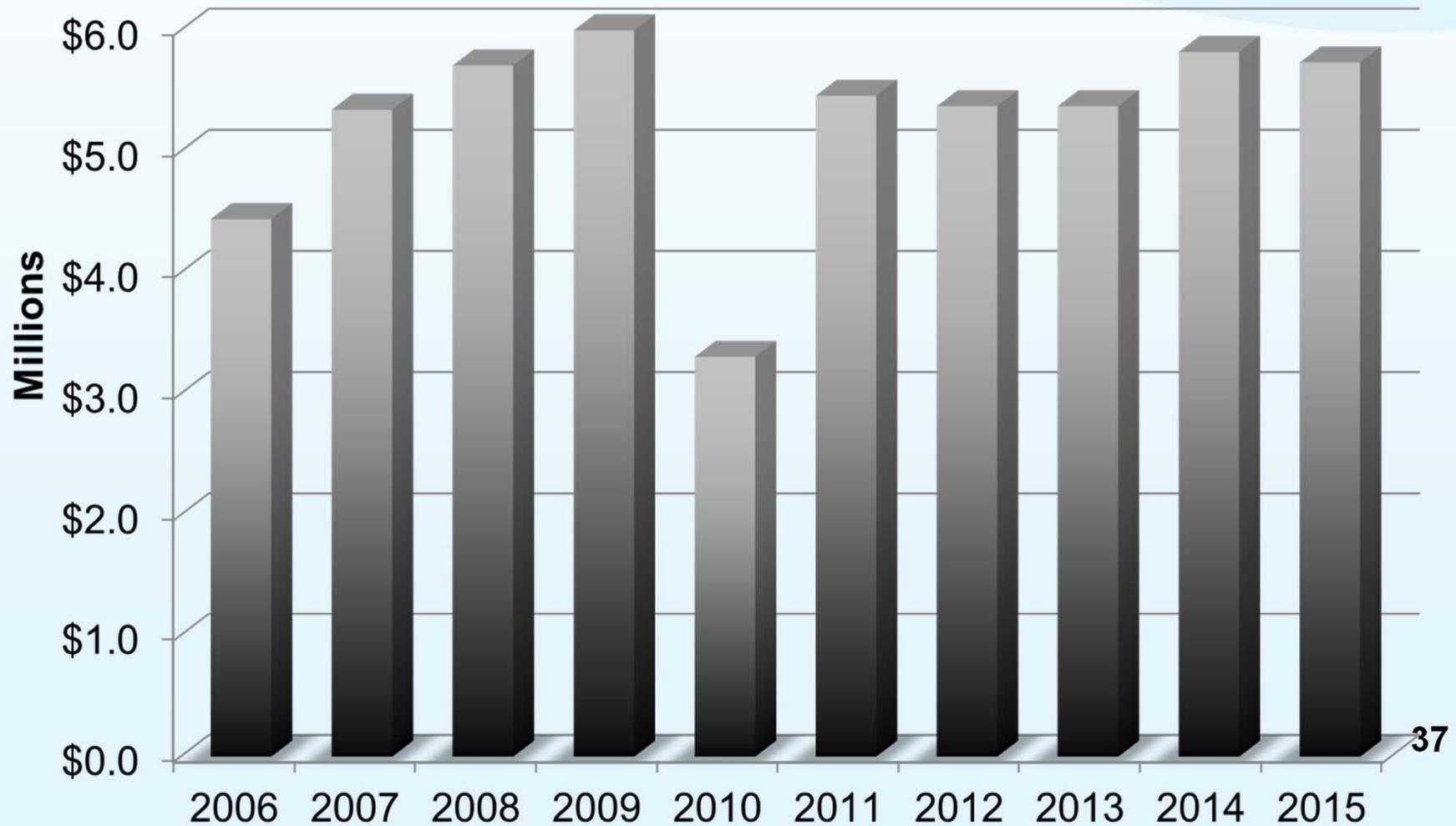




General Government



General Government CIP





General Government

FY14 – FY15 Allocations

	FY 14	FY 15
GDC Land Reimbursement	250,000	250,000
Murdock Village (Debt Service)	5,088,000	4,988,000
Conservation Charlotte (Debt Service)	-0-	452,000
Charlotte Harbor CRA (Non - Ad Valorem)	40,000	1,687,000
FEMA Vertical Benchmark Imp.	444,000	444,000
Total Allocations	\$5,922,000	\$7,821,000

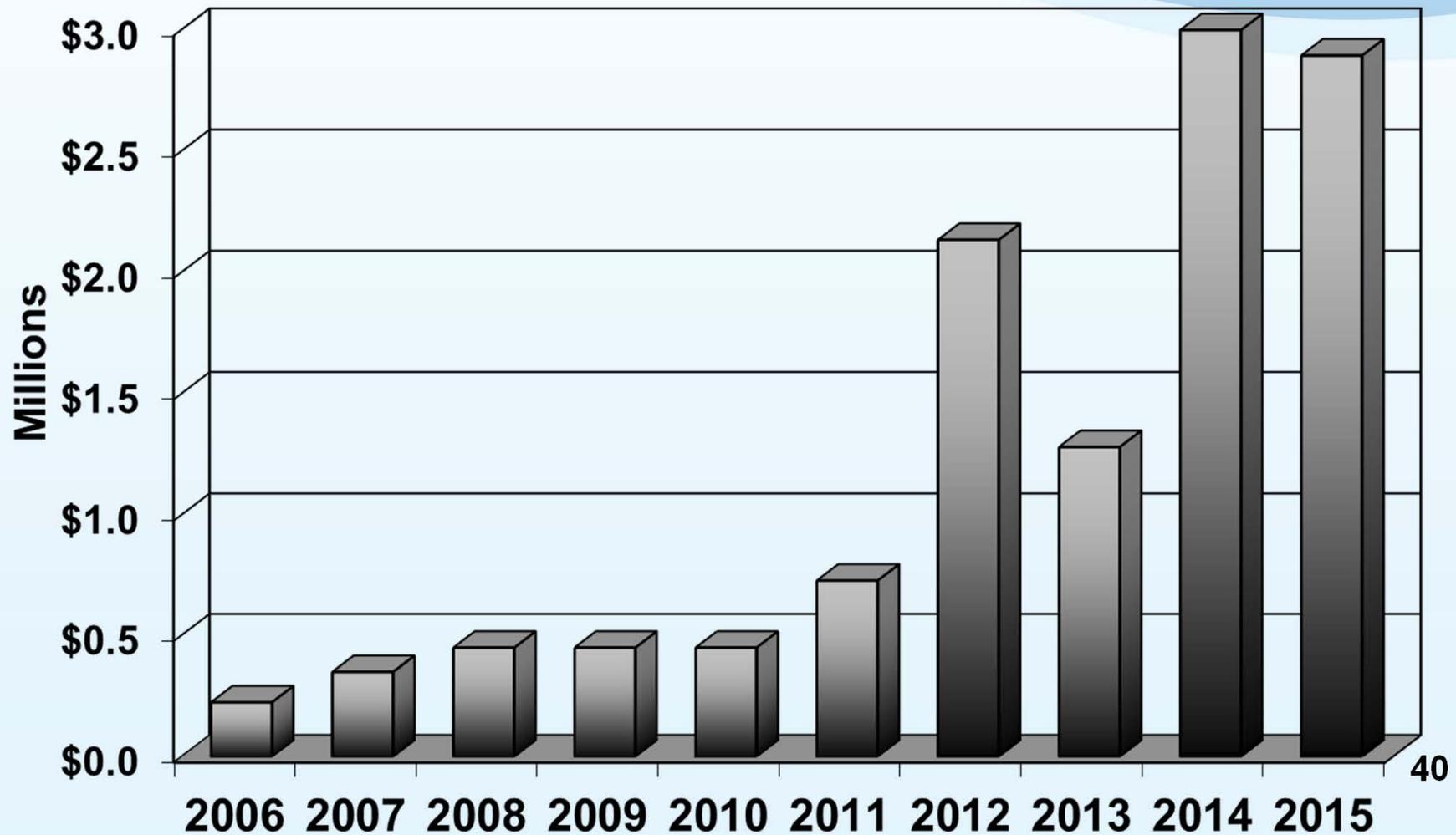


Charlotte Harbor CRA

- Budget: FY14 \$40,000 Gateway
- Budget: FY15 \$1,612,000 Gateway
 \$ 75,000 Watershed Management Plan
- Previously approved in 5 Year CIP
- Contingent on confirmation of FDOT grant

Implements a component of the Gateway Project previously approved in the CIP included landscape and hardscape and pedestrian connections to the waterway.

Facilities Construction & Maintenance





Facilities Construction & Maintenance

FY14 – FY15 Allocations

	FY 14	FY 15
Energy Initiatives	\$380,000	\$150,000
Various Facility Improvements	718,000	427,000
ADA Renovations	250,000	170,000
Family Services Improvements	162,000	-0-
Safety and Security Improvements	200,000	130,000
West County Annex	62,000	-0-
Murdock Administration Campus	212,000	363,000
Event Center Improvements	88,000	250,000
Justice Center Improvements	400,000	405,000
Fleet Maintenance Building	542,000	-0-
Total Allocations	\$3,014,000	\$1,895,000



Energy Initiatives



Energy Savings Initiatives

- dedicated CIP budget since FY 2009
- 3% average annual county-wide energy savings
- energy savings resulting from implementation of specific measures
 - 12% in FY 2011
 - 20% in FY 2012
- approximate cumulative energy savings – \$XXX

Bar chart?

- primary resources for energy savings recommendations
 - “Energy Efficiency, Conservation and Operational Cost Reduction Measures,” June, 2010
 - “Energy Efficiency and Conservation Strategy,” March, 2011



Energy Savings Measures

- basic ongoing retrofit program
 - replacing inefficient lighting, interior and exterior
 - installing timers and occupancy sensors
 - adding window tinting and upgrading building insulation





Energy Savings Measures

- targeted-use energy efficiency applications
 - solar/LED outdoor area and driveway lighting
 - solar hot water and photovoltaic systems
 - green sports lighting retrofits





Systems-level Energy Initiatives

- county-wide energy usage monitoring and analysis – EnergyCap
- selected systems-level sub-metering
- HVAC controls, policies and operational strategies
- employee awareness and education efforts

- energy performance savings contract – Siemens Industry, Inc.
 1. county-wide analysis of energy and water consuming devices and systems
 2. investment-grade audit
 3. selection of facility improvement measures
 4. financing options
 5. implementation of energy conservation measures
 6. annual measurement and verification of savings



Energy Performance Savings Contract

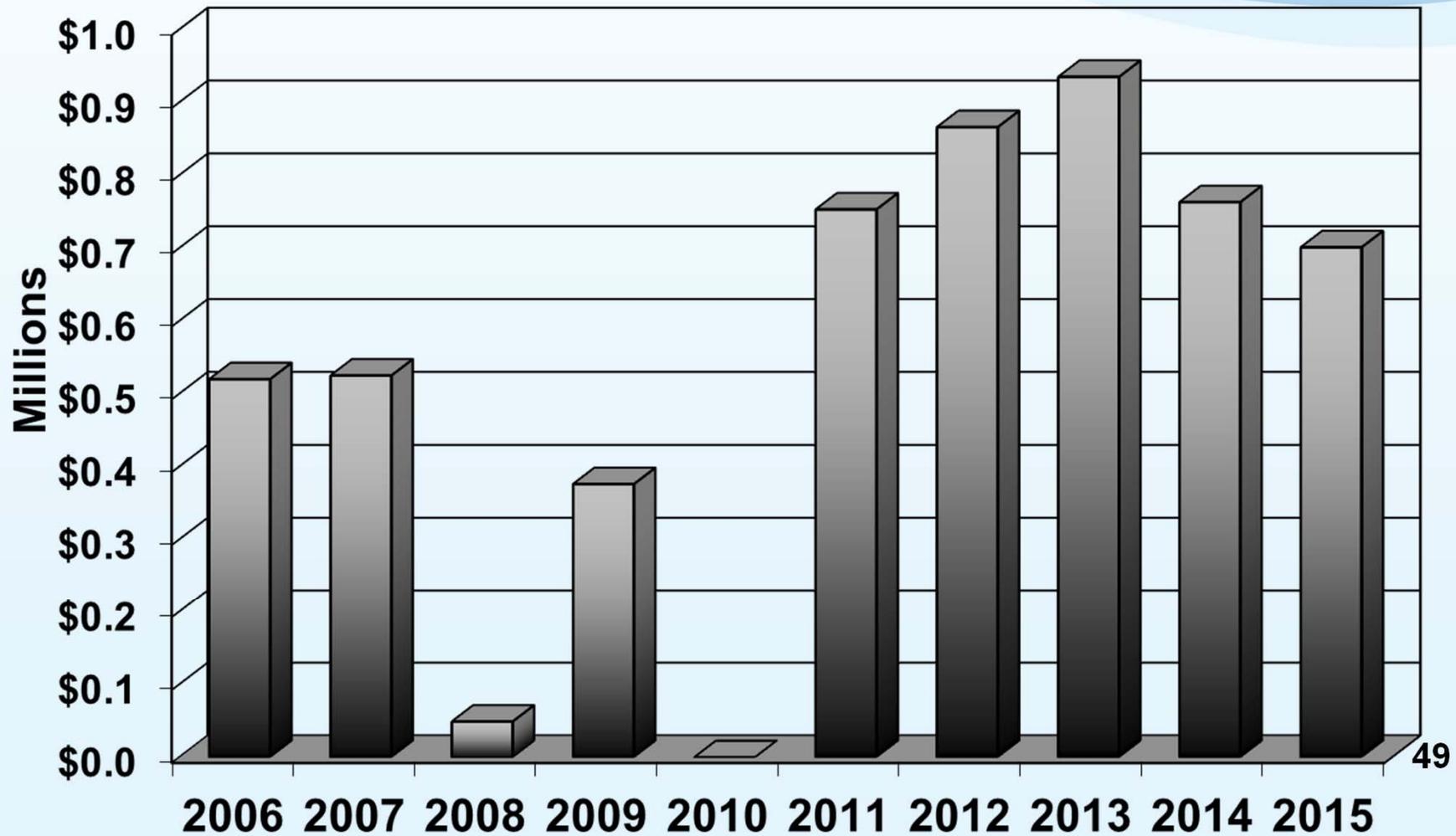
- supplements effective proactive efforts to date
- recommended facility improvement measures represent best combination of energy savings, project cost and county needs
 - lighting retrofits
 - HVAC controls upgrades
 - HVAC equipment replacement
 - pool mechanical equipment upgrades
 - building weatherization
 - water fixture retrofits
- estimated project cost, \$3.57 million
- annual program savings, \$260,000
- simple payback term, 13-14 years



Information Technology



Information Technology CIP





Information Technology

FY14 – FY15 Allocations

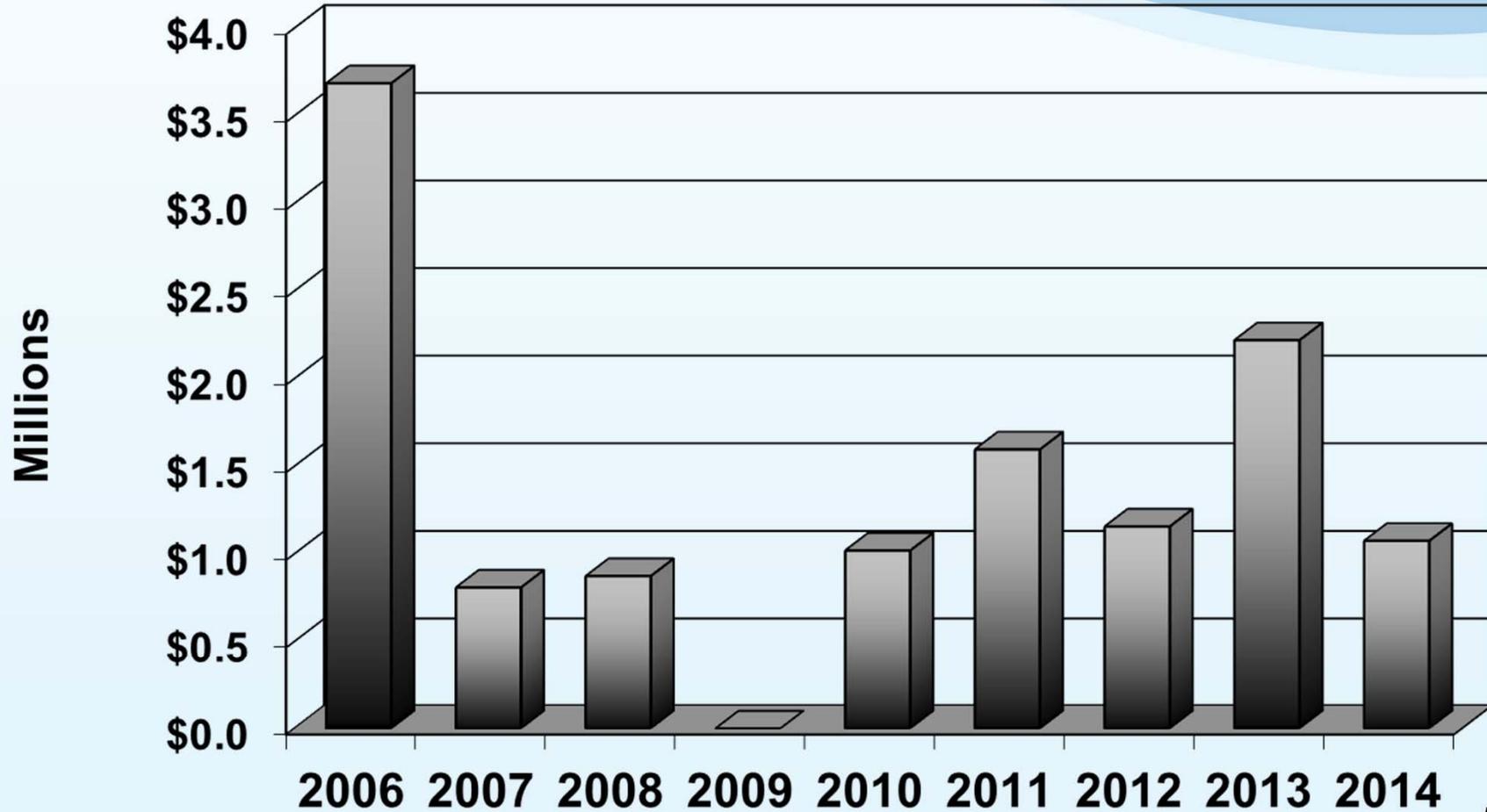
	FY 14	FY 15
Infrastructure Renewal & Replacement	\$432,000	\$370,000
Workstation Renewal & Replacement	331,000	331,000
Total Allocations	\$763,000	\$701,000



Public Safety



EMS / Fire Rescue CIP





Public Safety

FY14 – FY15 Allocations

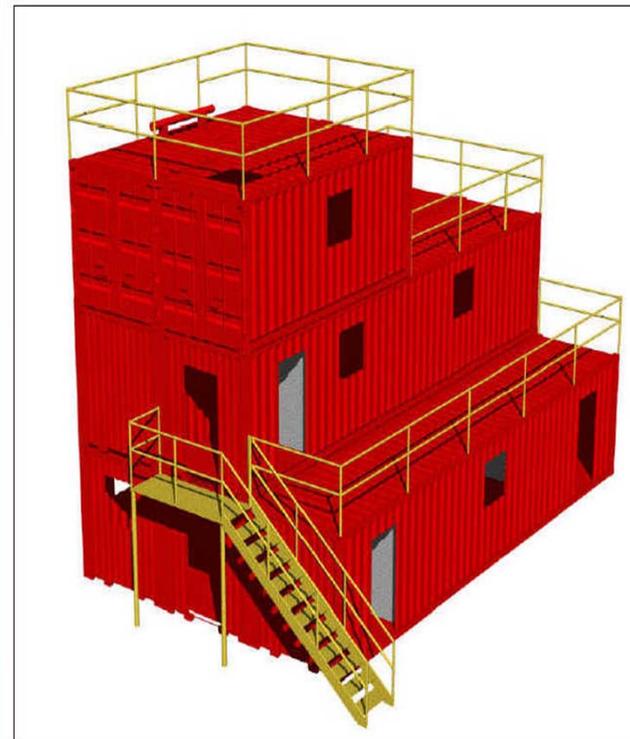
	FY 14	FY 15
Ambulance Replacements	\$ 525,000	\$ 551,000
Advanced Life Support - (Defibrillators)	721,000	
Engine Replacements	500,000	525,000
Fire Training Facility	475,000	
Total Allocations	\$2,221,000	\$1,076,000



Fire Training Facility

- Funding Fire Impact Fees
- Design / Arch/ Eng Cost \$ 37,000
- Construction Cost \$ 438,000
- Location Public Safety Complex

FIRE TRAINING FACILITY #16



UNIT SPECIFICATIONS

- 5 40' CONTAINERS
- 2 20' CONTAINERS
- 4 TRAINING LEVELS
- 1 RAPPEL STATION
- 8 DOORS
- 11 WINDOWS
- 6 36X80 WALKTHROUGHS
- 1 16'X8' WALKTHROUGH
- 1 ROOF HATCH
- 1 EXTERIOR STAIR UNIT
- 2 INTERIOR STAIR UNITS
- 1 DROP DOWN LADDER
- 3 TRAINING DECKS
- 1 121 SQ.FT. BURN ROOM
- 1 R.T.D. SYSTEM (2 ZONES)
- 2 TEMPERATURE SENSORS
- 1 DIGITAL READOUT PANEL

TOTAL SQ. FT. =
INTERIOR APPROX. 1920
EXTERIOR APPROX. 960





Fire Training Facility

- Charlotte County no longer has a training facility and has not been able to conduct live fire burn scenarios or Technical Rescue exercises to aid in keeping personnel proficient in basic fire skills. Having the Fire Training facility also scores in the County's Public Protection Class Rating by providing a lower benefit rate when receiving insurance rates. It shows that County fire personnel stay proficient in the suppression of fires.



Fire Training Facility

Revenue Opportunities

- Recruit Training: 25 students @ tuition \$3000 = \$175,000 year.
- Special Operation Training: twice year 25 students @ tuition \$25= \$12,500
- LP Gas Training: quarterly for fire and local gas employees, 25 students @ tuition \$100 = \$10,000
- Candidate Agility Tests: 300-400 students year @ \$75 = \$30,000
- Extrication Training: 25 students quarterly @ \$50=\$5000
- Pump Training Class: 25 students for 6 series/year @ tuition \$100 = \$15,000
- Live Fire Training Burns Facility Fee:
 - \$250 per day to use
- Flashover Training Rate: \$500 a day fee

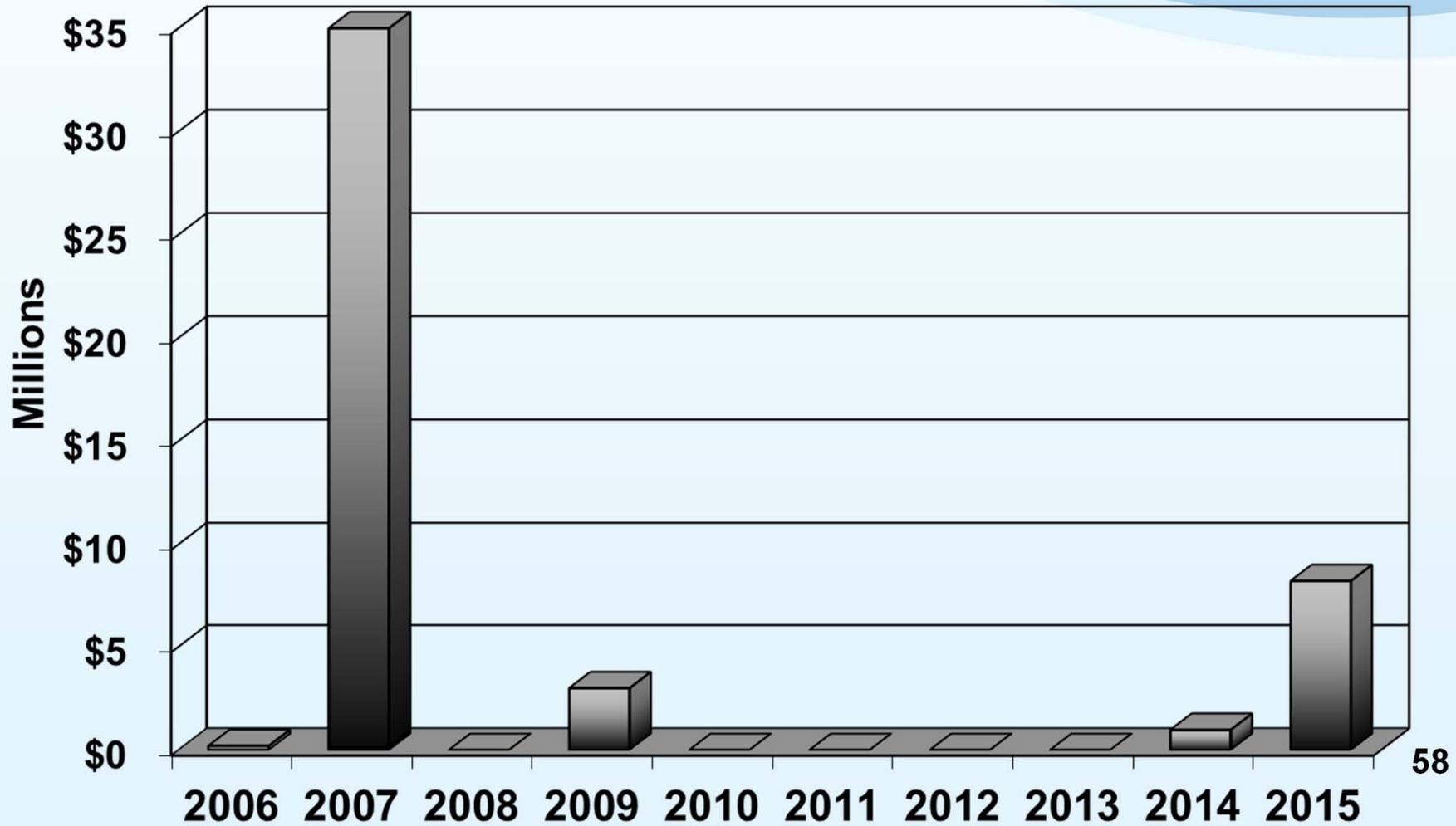
These are just some of the revenues that the department can capture.



Sheriff



Sheriff CIP





Sheriff Airport Annex

- Budget FY14 \$407,000
- Budget FY15 \$5,125,000

FY 14 Design Annex Plan

FY 15 Construct indoor firing range replacing outdoor range at rear of site near new housing development. Construct impound yard replacing the airport owned property site. Build an Evidence Storage building in conjunction with the impound yard to incorporate all evidence custodial operations.



Sheriff District One Facility

- Budget FY14 \$300,000
- Budget FY15 \$3,100,000

FY14 Design District One Facility

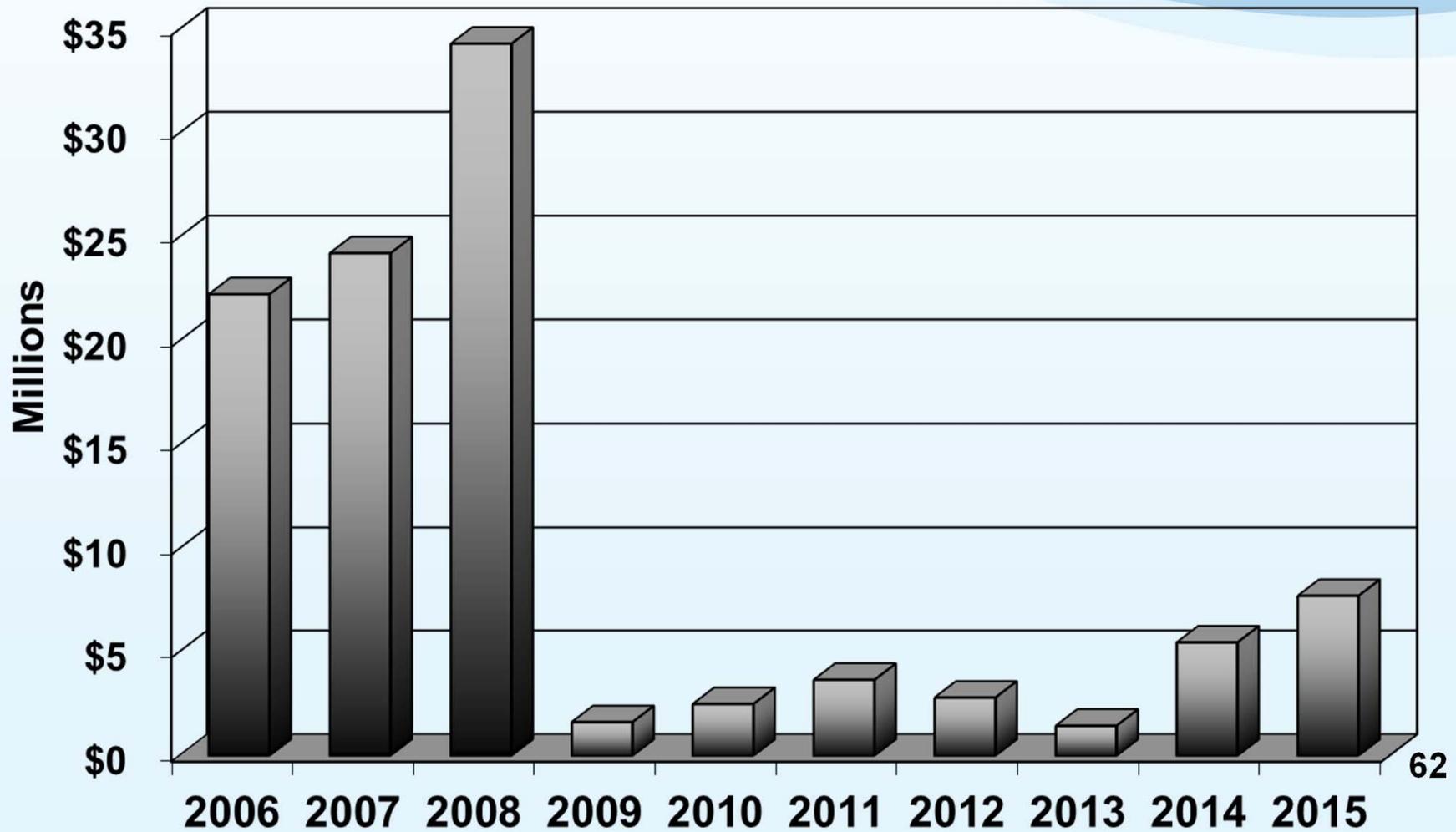
FY15 Construct new District One Facility supporting west county residents with a centrally located building. Services and facilities similar in size to the Promenade Office.



Community Services



Community Services CIP





Community Services

FY14 – FY15 Allocations

Maintenance/On-going	FY 14	FY 15
Library Collection	\$200,000	\$200,000
Self Check Stations	225,000	-0-
Bayshore Live Oak Park	535,000	-0-
Franz Ross Football Fields	55,000	-0-
Boating Improvements	404,000	-0-
Parking and Stormwater	219,000	332,000
Facilities Lighting	170,000	150,000
Playgrounds	470,000	240,000



Community Services

FY14 – FY15 Allocations

Maintenance	FY 14	FY 15
Sports Lighting	\$258,000	\$210,000
Fishing Piers/Boardwalks	250,000	150,000
Building Repairs & Upgrades	832,000	269,000
Court Resurfacing	229,000	30,000
Athletic Fields	210,000	211,000
Park Repair & Upgrades	497,000	218,000
Swimming Pool Renovations	129,000	91,000
Total Maintenance	4,863,000	2,101,000



Work Programs



Community Services

FY14 – FY15 Allocations

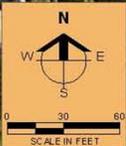
New / Enhance	FY 14	FY 15
Library Facility Master Plan	100,000	-0-
Port Charlotte Beach Park	135,000	-0-
Sturkie Ave Park	-0-	-0-
South County Regional Park	220,000	175,000
Bay Heights Park	2,999,000	-0-
FCT Required Improvements	-0-	-0-
Parks Master Plan	200,000	-0-
Placida Bunk House	-0-	-0-
Concession Stands	475,000	126,000
Total New / Enhance	4,129,000	301,000



Bay Heights Park

- Budget: FY14 \$2,999,000

A new boat ramp, canoe/kayak launch, and park will be constructed upon completion of final design and permitting.



Barraco
and Associates, Inc.

EXAMPLE PHOTOS

RECYCLED CONCRETE

RAIN GARDEN USED IN PARKING LOT

RECYCLED CONCRETE

RECYCLED CONCRETE



FCT Required Improvements

- Budget: FY14 \$75,000
- Budget: FY15 \$150,000

- Charlotte County has purchased land through the State of Florida's Florida Communities Trust and Preservation 2000 grant programs. These grants include land management and development plans that must be completed in order to remain in compliance with the grant requirement. Projects range in scope from interpretive signage and information kiosks to restrooms and boardwalks.



Concession Stands

- Budget: FY14 \$475,000
- Budget: FY15 \$126,000
- FY14 –Carmalita Park
 - Concession building
 - Existing restroom renovations
 - Storm water management system
 - Walkways/ADA accessibility
 - Lift station
 - Utilities infrastructure
 - Landscaping
- FY15 – Design of Maracaibo Park Concession