

Various Public Works



85 Landscape Airpark Bike Path

Project Number: 11-165 - 1

Enhanced landscaping and irrigation along NE 5th Avenue.

Project created at March 22, 2011 City Commission meeting.

Total Cost: \$300,000.00

Source of Funding

FY2012	\$294,832.00	Prior Years	\$5,168.00	CIP Fund 302	\$300,000.00	
					Total	\$300,000.00

Managing Department: Public Works

Phase: Design

Project Manager: Rob McCaughan

Progress this month April,2012

Contractor is currently installing water distribution line and is 75% complete. Irrigation estimated completion date for contractor is May 21st. City is purchasing the irrigation heads and rotors which will take an additional 3 weeks to install. Grounds has purchased and received first increment of 50 trees at a cost of \$13,500 and has planted in conjunction with contractor installing irrigation. The bid for turf (\$100,010) will be presented to City Commission 8 May for approval. Bids for remaining 450 trees have been received and now reviewing to purchase select tree species.

Person Reporting: Rob McCaughan

Design Consultant: Shiff Construction **Design Time Frame:**

Design Consultant Start Date: **Design Consultant Finish Date:** **% Complete:** **Design PO:**
100 %

Construction Contractor: Shiff Construction **Construction Time Frame:**

Construction Start Date: **Construction End Date:** **Construction PO:**

Installs occupancy based controls on vending and ice machines located in 9 facilities throughout the City:
3 Community Centers, 4 Fire Stations, Aquatics Center, and Public Safety (BSO) Facility.

Total Cost: \$13,642.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Implementation

Project Manager: Rob McCaughan

Progress this month April,2012

Project is installed, 90% complete. Remaining tasks are to accomplish final acceptance with contractor and the measurement and verification process to ensure projected energy savings will be met.

Person Reporting: Rob McCaughan

Design Consultant: SIEMENS

Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
100 %

Construction Contractor: Construction Time Frame: 60 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
4/4/2011 5/31/2011 90 %

Converts the majority of golf cart charging to a reduced time-of-use electric tariff (evening) at the City golf course with the installation of a new time clock and controller.

Total Cost: \$20,249.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Implementation

Project Manager: Rob McCaughan

Progress this month April,2012

Project is installed, 90% complete. Remaining tasks are to accomplish final acceptance with contractor and the measurement and verification process to ensure projected energy savings will be met.

Person Reporting: Rob McCaughan

Design Consultant: SIEMENS Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
90 %

Construction Contractor: SIEMENS Construction Time Frame: 10 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
3/21/2011 3/31/2011 90 %

Converts three city pools that currently use a chlorine system for primary water treatment system to a copper-silver ionization water treatment system. Chlorine will still be used as a supplemental disinfectant to remove organic matter and meet free chlorine residual requirements as established by the State of Florida.

Total Cost: \$85,790.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Cancelled

Project Manager: Rob McCaughan

Progress this month April,2012

This project has been eliminated from the Siemens contract as the Pool manufacturer stated the proposed ionization treatment system would void pool warranty. At April 10th meeting the funds from this FIM were applied to FIM #3, Water Treatment Plant Variable frequency drives for service pumps.

Person Reporting: Rob McCaughan

Design Consultant: SIEMENS Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
100 %

Construction Contractor: SIEMENS Construction Time Frame: 30 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
2/22/2011 3/19/2011 0 %

This project includes the replacement of all existing thermostats with Proliphix Internet based network programmable thermostats. The programmable thermostats will allow the City to remotely control the room temperature set point and schedule for applicable Facilities: Emma Lou Olson Civic Center, Air Park Admin Bldg, Mitchell Moore Annex Bldg, City Pool Offices, North Broward Park Office.

The existing energy management systems at both Herb Skolnick and Pat Larkins Community Centers will be reprogrammed and re commissioned such that they become fully operational.

Total Cost: \$43,260.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Implementation

Project Manager: Rob McCaughan

Progress this month April,2012

Project is 90% complete. Contractor has provided programmable thermostats and needs IT to connect to internet before units become operational. Meeting to held with IT, PW, and Contractor to resolve connectivity issue with thermostats and now IT is working with contractor to install. Currently troubleshooting one thermostat at Mitchell Moore Annex that will not maintain internet connectivity.

Person Reporting: Rob McCaughan

Design Consultant: SIEMENS

Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
100 %

Construction Contractor: SIEMENS Construction Time Frame: 120 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
3/1/2011 11/29/2011 50 %

This project upgrades the existing fire alarm system from a non-addressable to addressable system including voice evacuation audio system of office areas for City Hall and Commission Chambers.

Total Cost: \$171,429.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Implementation

Project Manager: Rob McCaughan

Progress this month April,2012

Project started construction Feb 1, 2012.

Person Reporting: Rob McCaughan

Design Consultant: SIEMENS

Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
100 %

Construction Contractor: SIEMENS Construction Time Frame: 365 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
5/23/2011 6/1/2012 75 %

Scope summary:

Decommission, remove, and dispose of thirty-six (36) existing split direct expansion condensing units and Arhus
 Furnish and install underground chilled water piping, associated connections, gauges, isolation valves, and associated piping insulation from new chiller area to City Hall and Commission Chambers Facilities
 Furnish and install eight (8) chilled water AHUs; one per mechanical room
 Furnish and retrofit the existing two (2) split direct expansion AHUs in Commission Chambers with chilled water cooling coil
 Furnish and install variable air volume boxes; approximately thirty (30) total boxes
 Test and balance the air distribution system (ten (10) variable air volume AHUs).

Total Cost: \$1,452,954.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Implementation

Project Manager: Rob McCaughan

Progress this month April,2012

Contractor has obtained permit. Construction started week of April 2nd and forced City Commissioner parking location to shift to the south.

Person Reporting: Rob McCaughan

Design Consultant: SIEMENS

Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
 100 %

Construction Contractor: SIEMENS Construction Time Frame: 365 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
 5/23/2011 11/12/2012 0 %

A city-wide retrofit of existing lighting fixtures to new higher energy efficiency lamps (87 facilities).

Retrofitting existing fixtures utilizing 34 and 40-Watt T12 lamps with magnetic ballasts to higher energy efficiency 28-Watt T8 lamps with electronic ballasts

Outdoor and gym lighting using High Intensity Discharge (HID) lamp technology will be retrofitted with a lower wattage HID lamp or with fluorescent induction technology.

Lighting occupancy sensors will be installed in all applicable areas where occupancy varies (offices, break rooms, and restrooms).

Total Cost: \$759,563.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Public Works

Phase: Implementation

Project Manager: Rob McCaughan

Progress this month April,2012

100% of facilities have received new lighting and/or occupancy sensors. Measurement & Verification only task remaining.

Person Reporting: Rob McCaughan

DesignConsultant: SIEMENS

Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: % Complete: Design PO:
7/15/2011 100 %

Construction Contractor: SIEMENS Construction Time Frame: 180 Days

Construction Start Date: Construction End Date: % Complete: Construction PO:
2/1/2011 90 %

Improvements to Flagler Drive. The intent is to maximize the existing right-of-way through wider sidewalks, lush landscaping features, pedestrian friendly lighting fixtures and beautifying the corridor to enhance the atmosphere and create a "Main Street" like environment. This project is being coordinated in conjunction with the CRA's overall incentives program including facades and interior renovations.

CRA approval of design contract on April 19. Meet with consultants and coordinate design activities the week of April 25. Design to be completed on/or about October 31. Prepare bid package by November 15. Project out to bid December 15, 2011. Review bids between February 1 and February 15 . Award construction contract on March 13, 2012. Begin construction by April 16, 2012, and complete construction by January 11, 2013.

Total Cost:	\$1,200,027.00			Source of Funding	
FY2012	\$1,193,598.00	Prior Years	\$6,429.00	CRA Fund 150	\$2,700,000.00
Managing Department:	CRA (EA or NW)			Total	\$2,700,000.00

Phase: Design/Study

Project Manager: Horacio Danovich

Progress this month April, 2012

Consultants working on design drawings. Plans are 30% complete. No major changes to report.

Person Reporting: Horacio Danovich

Design Consultant: EDSA (Planning), DHPY (Architectu Design Time Frame: 8 weeks

Design Consultant Start Date:	Design Consultant Finish Date:	% Complete:	Design PO:
8/1/2010	10/31/2010	25 %	

Construction Contractor: Construction Time Frame:

Construction Start Date: Construction End Date: Construction PO:

Underground Utilities on Martin Luther King Boulevard

Total Cost: \$1,016,778.00

Source of Funding

FY2012 \$997,335.00 Prior Years \$19,443.00

Managing Department: CRA (EA or NW)

Phase: Design

Project Manager: Horacio Danovich

Progress this month April,2012

Project is on hold. No activity this reporting period.

Person Reporting: Horacio Danovich

Design Consultant: Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: Design PO:

Construction Contractor: Construction Time Frame:

Construction Start Date: Construction End Date: Construction PO:

95 City Parking Lot Improvements

Project Number: 10-123 - 1

Improvements to parking lots at City Facilities, including resurfacing and Americans with Disability Act improvements.

Total Cost: \$725,149.00

Source of Funding

FY2012	\$399,033.00	Prior Years	\$26,116.00	CIF Fund	\$725,149.00
				Total	\$725,149.00

Managing Department: Public Works

Phase: Ongoing

Project Manager: Lou Friend

Progress this month February,2012

ADA improvements are being implemented at various City Facilities.

Person Reporting: Lou Friend

DesignConsultant: NA

Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date:

Design PO:

Construction Contractor:

Construction Time Frame:

Construction Start Date: Construction End Date:
5/20/2011

% Complete:
100 %

Construction PO:

Key improvements will include: Pedestrian improvements along the East and West side of Pompano Beach Boulevard, within the ROW and City owned property; an exercise trail; passive park areas and possible playground upgrades; landscape beautification; pedestrian lighting and site furnishings; beachfront parking; and, pedestrian plazas directly east of the intersection of East Atlantic Boulevard and Pompano Beach Boulevard. The project will address necessary infrastructure improvements (i.e., drainage, water, sewer, and roadway improvements) to support the Pompano Pier Development, including possible re-alignment of Pompano Beach Boulevard and utility relocation.

Receive binding estimate from FPL by May 20. Execute easements with FPL on/or about May 24. Pay FPL for materials based on binding estimate by June 3. Receive FDEP approval on/or about June 30. Finalize City permits by July 15. Begin demolition on/or about August 29. Complete construction by December 31, 2012..

Total Cost:	\$2,000,000.00			Source of Funding	
FY2012	\$1,926,080.00	Prior Years	\$73,920.00	CRA Bonds 313	\$2,000,000.00
Managing Department:	CRA (EA or NW)			Total	\$2,000,000.00

Phase: Design

Project Manager: Horacio Danovich

Progress this month April,2012

Contractor completed demolition of existing parking lot and began forming new sidewalk. Project is on schedule.

Person Reporting: Horacio Danovich

Design Consultant: Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: Design PO:

Construction Contractor: Construction Time Frame:

Construction Start Date: Construction End Date: Construction PO:

The City is responsible for the maintenance of seawalls along City owned property; there is approximately 2,000 linear feet of seawall along various canals and waterways. Maintenance can include rebuilding portions, grouting leaks and total reconstruction.

Total Cost: \$2,089,539.00

Source of Funding

FY2012	\$988,453.00	Prior Years	\$701,086.00	CIP Fund 302	\$358,609.00
Managing Department: Engineering				CIF Fund	\$1,730,930.00
Phase: Ongoing				Total	
Project Manager: Various				\$2,089,539.00	

Progress this month November,2011

See individual projects for updates:
 Hillsboro Inlet Marina
 Indian Mound, Hillsboro East
 Seawall Maintenance NE 16th, Scott Winters
 Seawall Maintenance NE 13th Street & The Intracoastal Waterway.

Person Reporting: Clayton Young

Design Consultant: Various Design Time Frame: ongoing
 Design Consultant Start Date: Design Consultant Finish Date: Design PO:

Construction Contractor: Various Construction Time Frame: ongoing
 Construction Start Date: Construction End Date: Construction PO:

Repair Seawalls to prevent further damage, 1239 Hibiscus Ave and 2700 N Ocean Blvd.

Total Cost: \$0.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Engineering

Phase: Construction

Project Manager: Clayton Young

Progress this month April,2012

City in the process of amending current contract to allow the Contractor to build a new seawall at the Indian Mound Park instead of repairing the existing seawall. This work will be done for the same price as the original contract.

Design of new seawall completed, submitted, reviewed and approved for construction at the Indian Mound Park. Permitting should be completed in early March.

MOT Plans for Pedestrian Traffic within the Hillsboro Park submitted for approval.

Construction has started at the Hillsboro Inlet Park and to date the contractor has completed approximately 150 linear feet of wall restoration using the fiber wrap process. Work is continuing. No further work has been done at the Indian Mound Park since the redesign for the new wall has been approved. Work will resume by April 11,2012.

BROWARD COUNTY PERMITS HAVE EXPIRED AND ARE BEING RENEWED

Person Reporting: Clayton Young

Design Consultant: R.J. Bhar & Co Inc. Design Time Frame: 265 days

Design Consultant Start Date: 7/15/2009 Design Consultant Finish Date: 4/6/2010 % Complete: 100 % Design PO: 293097

Purchase Order	Company:	Paid to date:	Purchase Order Total
293097	R.J. BEHAR & COMPANY INC	\$85,315.00	\$85,315.00

Construction Contractor: Engineer Control Systems Construction Time Frame: 90 days - substantial completion

Construction Start Date: 1/3/2011 Construction End Date: 5/3/2011 Construction PO: 103823

Purchase Order	Company:	Paid to date:	Purchase Order Total
103823	ENGINEER CONTROL SYSTEMS CORP	\$212,554.38	\$518,989.43

Repair Seawalls to prevent further damage, 2700 N Ocean Blvd. The seawalls are very old and one portion was failing in late 2009. The failure resulted in a storm drain pipe being damaged and some utilities undermined. An assessment of the walls showed one portion in failure and the other needing repairs.

At the March 23, 2010 meeting, the City Commission authorized the submittal of grant applications to Florida Inland Navigation District for reimbursement of seawall repairs at Hillsboro Inlet Marina (up to \$169,157). The Hillsboro Inlet Find Grant was awarded in October of 2010.

Bids for construction were received April 11, 2011.

BK Marina was the lowest responsive bidder.

Construction started September 26,2011.

Total Cost: \$0.00 **Source of Funding**
 FY2012 \$0.00 Prior Years \$0.00

Managing Department: Engineering

Phase: Construction

Project Manager: Alessandra Delfico

Progress this month March,2012

Construction is substantially complete.

Person Reporting: Alessandra Delfico

DesignConsultant: EAC Design Time Frame: 2010-2011

Design Consultant Start Date: 2/1/2010 Design Consultant Finish Date: 7/1/2011 % Complete: 90 % Design PO: 102178

Purchase Order	Company:	Paid to date:	Purchase Order Total
102178	EAC CONSULTING INC	\$60,750.00	\$62,750.00

Construction Contractor: BK Marine Construction Time Frame: Summer and Fall of 2011

Construction Start Date: 9/26/2011 Construction End Date: 1/16/2012 % Complete: 90 % Construction PO: 113810

Purchase Order	Company:	Paid to date:	Purchase Order Total
113810	B.K. MARINE CONSTRUCTION, INC.	\$303,835.18	\$343,929.29

97 SE 13th Court & the Intracoastal Waterway Seawall Rep Project Number: 07-946 - 4

Design and provide Repair Details and procedures for 148lf of Seawall located at SE 13 Court and the Intracoastal Waterway primarily to arrest the ongoing loss of fill material from behind the seawall

Total Cost: \$0.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Engineering

Phase: Design/Study

Project Manager: Clayton Young

Progress this month April, 2012

Design Work in progress. No Change

Person Reporting: Clayton Young

Design Consultant: Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: Design PO:

Construction Contractor: Construction Time Frame:

Construction Start Date: Construction End Date: Construction PO:



Repair of the existing seawall at the North West and South West Wing walls of the SE 22nd Avenue Bridge to stop the continued loss of fill material from behind the Bulkhead wall out into the Lake Santa Barbara.

Total Cost: \$0.00

Source of Funding

FY2012 \$0.00 Prior Years \$0.00

Managing Department: Engineering

Phase:

Project Manager: Clayton Young

Progress this month April,1012

The project was designed in the previous months of this year and successfully bid in April. Five qualified bids were received ranging in price from \$12060.00 to \$81,000.00. References and qualifications are currently being checked to award this contract for construction.

Person Reporting:

Design Consultant: LAKDAS/ YOHALEM ENGINEERING Design Time Frame: 30 DAYS

Design Consultant Start Date: 1/30/2012 Design Consultant Finish Date: 2/29/2012 Design PO: 121154

Purchase Order 121154 Company: LAKDAS/YOHALEM ENGINEERING INC Paid to date: ---- Purchase Order Total \$10,600.00

Construction Contractor: Construction Time Frame:

Construction Start Date: Construction End Date: Construction PO:

This project consists of constructing a hoist to remove debris from canal cleaning barge, providing utilities to service boat, improving the roadway for a trash truck to access the hoist. Formerly SE 5th Court Debris Lift, 1239 Hibiscus Ave.

Total Cost:	\$43,998.00			Source of Funding	
	FY2012	\$19,489.00	Prior Years	\$24,509.00	CIP Fund 302
					\$43,998.00
Managing Department:	Engineering				
				Total	\$43,998.00

Phase: Construction

Project Manager: Clayton Young

Progress this month July,2011

No Change, Construction on hold until the repair of the seawall repair project is released for construction.

Person Reporting: Clayton Young

Design Consultant: N/A Design Time Frame:

Design Consultant Start Date: Design Consultant Finish Date: Design PO:

Construction Contractor: Construction Time Frame:

Construction Start Date: Construction End Date: Construction PO:



This project involves the design and permitting of a proposed seawall behind the property at 855 S. Federal Hwy. At the June 8, 1999 meeting, the City Commission entered into a Settlement Agreement with Eddie Accardi car dealership regarding this project. The design and permitting are in process. The City will reimburse 50% of the total cost up to an agreed to maximum. The agreement with Eddie Accardi stipulates that the agreement terminates three years after construction commences; construction has not yet started.

Total Cost:	\$369,447.00			Source of Funding		
	FY2012	\$254,644.00	Prior Years	\$114,803.00	CIP Fund 302	\$369,447.00
Managing Department:	Engineering					
					Total	\$369,447.00

Phase: Hold

Project Manager: Various

Progress this month August,2010

None.

Person Reporting: Clayton Young

Design Consultant: N/A

Design Time Frame:

Design Consultant Start Date:

Design Consultant Finish Date:

Design PO:

Construction Contractor:

Construction Time Frame:

Construction Start Date:

Construction End Date:

Construction PO: