



PORT ORANGE SUMMARY OF PROJECTS
April 2006

319(h) Grant to Improve Stormwater Quality in B-23 Canal West of U.S. 1 in the Allandale and Harbor Oaks Area			
QLH Project #	<i>PO02 & PO04</i>	CITY File #	<i>DIP024 (Phase 2)</i>
QLH Engineers	Andrew Giannini, P.E./Mark Hampton, P.E.	Project Duration (Days)	180
QLH Inspector	Bill Watkins	Target End Date	1/2/06 now 4/30/06*
City Project Manager	Warren Pike	(as of 4/8/06)	
Contractor	Saboungi	Construction Progress	97% Complete 151% Time Expended*
Construction Start Date (NTP)	June 2005	Contract Budget (Inc. C.O.)	\$1,154,965
		Change Order Amount	N/A

Description:

Phase 1: Project is completed and turned over to City. Post construction water monitoring is progressing.
Phase 2: (Niver Street to Farmbrook Road): The building and alum system is 90% complete. All landscaping and irrigation is installed. Start up is scheduled for April 26th. (*Construction time was extended to April 30th due to changed site conditions.)

Wellfield Expansion Phase III

QLH Project #	<i>PO09</i>	CITY File #	<i>WWW003</i>
QLH Engineers	Brad Blais, P.E./David King, P.E.	Project Duration (Days)	450
QLH Inspector	Todd Bush/Clarence Swimm	Target End Date	3-6-06
City Project Manager	Rick Skeens/Roger M. Smith, P.E.	(as of 3/25/06)	
Contractor	CenState Contractors	Construction Progress	97% Complete 105% Time Expended*
Construction Start Date (NTP)	12/8/04	Contract Budget (Inc. C.O.)	\$4,005,036.02
		Change Order Amount	\$136,141.02

Description:

Primary power has been connected to all new wells. Final bacteriological clearances are being obtained. Equipment startups are being scheduled for the next 2 weeks. Completion is anticipated in May 2006. (*Completion for this project has been delayed by 2 factors. FP&L has been slow to connect the new wells and the relocated generator was delayed due to County Building permit approvals. Startup of the generators is postponed until the Contractor obtains and installs exhaust piping, wall thimbles & insulation. A time extension will be recommended)

Reclaimed Water Transmission Main and Water Recharge Lake/Pump Station

QLH Project #	<i>PO44</i>	CITY File #	<i>UET009</i>
QLH Engineers	David King, P.E./Brad Blais, P.E.	Project Duration (Days)	420
QLH Inspector	Clarence Swimm/Todd Bush	Target End Date	2-15-06 now 5-12-06*
City Project Manager	Rick Skeens, /Roger Smith, P.E.	(as of 4/13/06)	
Contractor	CenState Contractors	Construction Progress	99% +/- Complete 157% +/- Time Expended*
Construction Start Date (NTP)	6-21-04	Contract Budget (Inc. C.O.)	\$8,770,947
		Change Order Amount	N/A

Description:

Startup of equipment, City training and activation is scheduled for April 27th. If successful, only minor punch list of work will remain. (*A draft change order for time extension and miscellaneous changes in work has been discussed and partially drafted).

South Peninsula Utility Improvements (Dunlawton to Marcelle)

QLH Project #	PO54A	CITY File #	UET014
QLH Engineers	Mark Hampton, P.E./Andrew Giannini, P.E.	Project Duration (Days)	540
QLH Inspector	Jason Hampton/Regina Brinkle	Target End Date	7-12-06
City Project Manager	Roger M. Smith, P.E./Rick Wilson	(as of 2/28/06)	51% +/- Complete
Contractor	Danella Companies, Inc.	Construction Progress	75% +/- Time Expended*
Construction Start Date (NTP)	1-17-05	Contract Budget (Inc. C.O.)	\$6,501,193
		Change Order Amount	N/A

Description:

Section 3 & 4 underground are complete with but not activated (sewer). Restoration is on-going. Contractor activated new 16" water line from Emelia north to Raymond Street on 4/12/06. Working on water lines in areas 1 and 2 and laying sewer out of pump station #1.

South Peninsula Utility Improvements, Part 2

QLH Project #	PO54B	CITY File #	UET018
QLH Engineers	Mark Hampton, P.E./Andrew Giannini, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Roger M. Smith, P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.)	N/A
		Change Order Amount	N/A

Description:

Design work continues and 60% design was submitted to staff in April. Updated cost estimates will follow.

Southwest Utility Reinforcements

QLH Project #	PO55	CITY File #	UET013
QLH Engineers	Mark Hampton, P.E./Andrew Giannini, P.E.	Project Duration (Days)	540
QLH Inspector	Ted Moss	Target End Date	9/7/07
City Project Manager	Roger M. Smith, P.E./Rick Wilson	(as of 3/26/06)	9% +/- Complete
Contractor	Hazen Construction	Construction Progress	2% +/- Time Expended
Construction Start Date (NTP)	March 13, 2006	Contract Budget (Inc. C.O.)	\$4,155,000.00
		Change Order Amount	N/A

Description:

Construction was between Taylor Road and Pioneer Trail on Tomoka Farms Road is continuing. Directional drilling and pipe laying is accelerated on Pioneer Trail to attempt to beat wet weather and standing water which lays in ditches afterward.

Madeline Avenue Extension East to US-1

QLH Project #	PO78	CITY File #	UET016
QLH Engineers	David King, P.E./Mark Hampton, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Mary Kronenberg./Roger M. Smith, P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.)	N/A
		Change Order Amount	N/A

Description:

90% plans and specifications were provided to City staff. A meeting was held with City staff to discuss the design. The mapping of MacDonald Road prescriptive right-of-way continued.

Spruce Creek Road Area Utility and Sidewalk Improvements			
QLH Project #	<i>PO81</i>	CITY File #	<i>UET002</i>
QLH Engineers	Andrew Giannini, P.E./Mark Hampton, P.E.	Project Duration (Days)	270 Days
QLH Inspector	Bill Watkins	Target End Date	December 26, 2006
City Project Manager	Mary Kronenberg./Roger M. Smith, P.E.	Construction Progress	N/A
Contractor	Masci Construction		
Construction Start Date (NTP)	March 29, 2006	Contract Budget (Inc. C.O.) Change Order Amount	\$1,160,310.00 N/A
Description: A tailgate meeting was held with residents. Construction has begun with 12" water mains on Spruce Creek Road.			
Williamson Blvd Widening (Moody Bridge to Taylor Road)			
QLH Project #	<i>PO82</i>	CITY File #	<i>URL003</i>
QLH Engineers	David King, P.E./Mark Hampton, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Fred Griffith, P.E./Roger M. Smith, P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A
Description: Design work on the City's utility relocation/upgrades continued on the Williamson and Taylor portions of this project.			
Summer Trees (Homier) Road Extension			
QLH Project #	<i>PO90</i>	CITY File #	<i>URL003</i>
QLH Engineers	David King, P.E./Mark Hampton, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Fred Griffith, P.E./Roger M. Smith, P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A
Description: QLH assisted City staff in further negotiations with property owners for required right-of-way and pond site. A SJRWMD submittal with the Westport Phase II joint use pond is being prepared for submission.			
Madeline Avenue Central Roadway and Utility Improvements			
QLH Project #	<i>PO100</i>	CITY File #	<i>POLO07/URL004</i>
QLH Engineers	Mark Hampton, P.E./David King, P.E.	Project Duration (Days)	300
QLH Inspector	Ed Ripple	Target End Date	March 15, 2006
City Project Manager	Warren Pike/Roger M. Smith, P.E.	(as of 3/16/06) Construction Progress	100% +/- Complete Completed
Contractor	Masci Corporation		
Construction Start Date (NTP)	5/16/2005	Contract Budget (Inc. C.O.) Change Order Amount	\$1,859,275.00 \$17,000.00
Description: Project construction completed; new 12" water and 12" force main and divided road area in service. Working of "Final" deductive change order and awaiting project "as-builts" from Contractor. Project construction completed on 2/23/06.			

Fiber Optic Master Plan			
QLH Project #	PO103	CITY File #	PO51059
QLH Engineers	Brad Blais, P.E./David King, P.E.	Project Duration (Days)	N/A
QLH Inspector	Bill Watkins	Target End Date	N/A
City Project Manager	Tom Fitzgerald	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A

Description:

Project is out to bid and the bid opening will be on April 19, 2006.

Sale and Hauling of Fill Material/Reclaimed Water Recharge Reservoir Phase 2

QLH Project #	PO108	CITY File #	
QLH Engineers	David King, P.E./Gary Wisniewski	Project Duration (Days)	N/A
QLH Inspector	Clarence Swimm/Steven Fernandez	Target End Date	12/31/07
City Project Manager	Rick Skeens/Roger M. Smith, P.E.	(as of 2/28/06) Construction Progress	95% Complete
Contractor	Halifax Paving		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	\$1,050,000 N/A

Description:

Halifax Paving has purchased the initial 500,000 cubic yards of dirt. The City has awarded Halifax Paving another 150,000 cubic yard of dirt and they have purchased a total of 558,641 cubic yards as of 3/06. Clearing of Reservoir A is complete. Excavation to begin by the end of April 2006.

Dunlawton Avenue Resurfacing (FDOT)

QLH Project #	PO109	CITY File #	
QLH Engineers	David King, P.E./Mark Hampton, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Fred Griffith, P.E.	Construction Progress	N/A
Contractor	P & S Paving		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A

Description:

Work continues by P&S paving. Paving work to occur next.

Garnsey WTP Sludge Handling

QLH Project #	PO113	CITY File #	WWP003
QLH Engineers	Brad Blais, P.E./Gary Wisniewski	Project Duration (Days)	300 now 360
QLH Inspector	Ed Ripple	Target End Date	May/1/06 now 7/1/06*
City Project Manager	Roger M. Smith, P.E./Steve Miller	(as of 12/25/05) Construction Progress	20% +/- Complete; * 49% +/- Time Expended
Contractor	Interstate Engineering Corporation		
Construction Start Date (NTP)	July 1, 2005	Contract Budget (Inc. C.O.) Change Order Amount	\$1,323,000 N/A

Description:

The Contractor has installed vacuum belt filter press #1 and the 'south' sludge pumps. Vacuum pump & receiver skid #1 is installed. Electrical connections are being made in preparation for startup of the south pumps. The thickener assembly for the north unit has been installed. (*60 day extension was approved and any delays beyond scheduled time will be subject to liquidated damages). (*Last pay request returned due to errors.)

Cambridge Drainage Basin Improvements, Phase 1 & Phase 2			
QLH Project #	<i>PO116</i>	CITY File #	<i>DIP002</i>
QLH Engineers	Andrew Giannini, P.E./Mark Hampton, P.E.	Project Duration (Days)	300
QLH Inspector	Noah Adamoski	Target End Date	December 29, 2006
City Project Manager	Warren Pike	Construction Progress	N/A
Contractor	Schuller Contractors		
Construction Start Date (NTP)	March 1, 2006	Contract Budget (Inc. C.O.) Change Order Amount	\$4,172,539 N/A

Description:

The first phase of the project was bid in December including the North, South and Devonwood Area improvements. Schuller Contractors, Inc. of Orlando was low bidder. The Council approved the bid award and a pre-construction meeting was held on January 10, 2006. The City has received all easements. The second phase - The permit for the South and Central Area was issued by St. Johns to the City this month. Project bid date is scheduled for June 2006. This includes the Central Park Boulevard Area.

Beach Street Sewer System Extension Project

QLH Project #	<i>PO118</i>	CITY File #	<i>UET002</i>
QLH Engineers	Andrew Giannini, P.E./Mark Hampton, P.E.	Project Duration (Days)	270
QLH Inspector	Jim Shelton	Target End Date	June 30, 2006
City Project Manager	Fred Griffith, P.E./John Rising	Construction Progress	60%
Contractor	Masci Construction		
Construction Start Date (NTP)	October 1, 2005	Contract Budget (Inc. C.O.) Change Order Amount	\$550,000 N/A

Description:

All work is complete on this project. QLH awaiting as built, video tapes and inspection results to send in clearance request.

Williamson (Airport) Boulevard Widening (Cypress Springs Pkwy to Moody Bridge)

QLH Project #	<i>PO110</i>	CITY File #	
QLH Engineers	David King, P.E./Mark Hampton, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Fred Griffith, P.E./Roger M. Smith, P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A

Description:

The City's utility design is on hold until the County progresses with the road design.

Harbor Oaks Canal Dredging and Seawall Rehabilitation

QLH Project #	<i>PO123</i>	CITY File #	<i>DIP024</i>
QLH Engineers	Andrew Giannini, P.E./Mark Hampton, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Warren Pike	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A

Description:

The FDEP permit has been submitted. Comments from FDEP were received and the response was submitted. An additional Request for Additional Information was received and is being responded to at this time.

Reclaimed Water Recharge Reservoir, Phase 3

QLH Project #	PO125	CITY File #	
QLH Engineers	David King, P.E./Brad Blais, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Rick Skeens/Roger M. Smith P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A

Description:

Awaiting proposal from Halifax to construct horizontal wells in conjunction with their dewatering system for Reservoir A excavation. OLH met with dewatering subcontractor to discuss requirements.

Mapping Dunlawton to Thames

QLH Project #	PO72	CITY File #	MMO001
QLH Engineers	Mark A. Hampton, P.E./David A. King, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Roger M. Smith P.E.	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A

Description:

Final revision research areas forwarded by Port Orange to QLH. Field work, revisions and printing remain. Revised prints returned to City for review and returned with comments. Some areas require ground penetrating radar (GPD) to validate suspected water line locations.

Buschman Park Phase IIB and Police Parking Expansion

QLH Project #	PO141/PO140	CITY File #	
QLH Engineers	Andrew Giannini, P.E./Mark Hampton, P.E.	Project Duration (Days)	210
QLH Inspector	Bill Watkins	Target End Date	November 3, 2006
City Project Manager	Glen Walker/Fred Griffith, P.E./Margaret Momberger	Construction Progress	N/A
Contractor	Beckman Paving		
Construction Start Date (NTP)	April 6, 2006	Contract Budget (Inc. C.O.) Change Order Amount	N/A N/A

Description:

Project was bid with Police Parking Expansion. Bids were on January 19, 2006. Beckman Paving was awarded by the Council on February 21, 2006 agenda. A pre-construction meeting was held on March 28, 2006 and a Notice to Proceed was sent out for April 6, 2006.

Gymnasium And Pal Expansion

QLH Project #	PO117	CITY File #	
QLH Engineers	Brad Blais, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Glen Walker	Construction Progress	N/A
Contractor	N/A		
Construction Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	NA N/A

Description:

Expansion of the City's Gymnasium and Recreation Facility is out to bid and the bid opening is scheduled for April 18, 2006.

WWTP Influent Structure Rehabilitation			
QLH Project #	PO148	CITY File #	
QLH Engineers	Brad Blais, P.E.	Project Duration (Days)	N/A
QLH Inspector	N/A	Target End Date	N/A
City Project Manager	Fred Griffith, P.E.	Construction Progress	N/A
Contractor	N/A		
Constrection Start Date (NTP)	N/A	Contract Budget (Inc. C.O.) Change Order Amount	NA N/A
Description: Bids were received for this project on April 12 th . The apparent low bidder was Dallas 1 Construction in the amount of \$75,000. The second low bidder was DMS Environmental in the amount of \$99,100. An Award Recommendation was made for DMS Environmental in a letter send to Fred Griffith, P.E. on April 20, 2006			

***Based on last pay request.**