



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE

September 17, 2008

SUBJECT: Addendum No. 71 to Engineering Services Contract with Quentin L. Hampton for Taylor Road Improvements

DEPARTMENT: Public Utilities

RECOMMENDED MOTION: To approve Contract Addendum No. 71 with the firm of Quentin L. Hampton Associates (QLH) pertaining to engineering services for Taylor Road Widening and associated improvements, and authorize the Mayor and City Manager to execute the associated contract documents.

SUMMARY: The County of Volusia has completed preliminary engineering of the Taylor Road Improvements from Williamson Boulevard to Tomoka Farms Road. Beginning in April 2008, they commenced to prepare detailed design and construction plans along the corridor, including the identification of parcels necessary for stormwater treatment.

This addendum authorizes the firm of QLH to perform engineering design and construction phase services necessary for the City within Taylor Road Improvements. The work scope includes utility design and construction phase services, as well as miscellaneous civil and stormwater engineering. It is our intent to design the utility relocation and adjustment plans concurrent with the roadway design and construct the improvements as part of Joint Project Agreement.

It should be noted that construction is not presently funded in the County 10-year program. The cost of the initial phase of engineering design services is estimated at approximately \$63,700. Funding for design has been transferred into a new project entitled Taylor Road Widening URL008.

ATTACHMENTS: Ordinance Resolution Budget Resolution

Other Support Documents/Contracts Available for Review in Public Utilities

DEPARTMENT HEAD *[Signature]* Roger M. Smith Date 8-28-08

FINANCE DEPARTMENT *[Signature]* Approved as to Budget Requirements Date 9/2/08

CITY ATTORNEY N/A *[Signature]* Approved as to Form and Legality Date N/A

CITY MANAGER *[Signature]* Approved Agenda Item For: 9/17/08

COUNCIL ACTION: Approved as Recommended Disapproved Tabled Indefinitely
 Continued to Date Certain Approved with Modification:

**ADDENDUM NUMBER 71
TO AGREEMENT DATED FEBRUARY 14, 1980
BETWEEN CITY OF PORT ORANGE AND QUENTIN L. HAMPTON ASSOCIATES, INC.**

By Agreement made and entered into this ____ day of _____, 2008 by and between the City of Port Orange, Volusia County, Florida, hereinafter called the "City", party of the first part and Quentin L. Hampton Associates, Inc., a Florida corporation having its office in Port Orange, Florida, hereinafter called the "Engineers", party of the second part.

WITNESSETH

The City and Engineers mutually agree to amend and add to that certain Agreement between the City and Engineers made and entered into on February 14, 1980 the following:

1. The Engineers shall provide engineering services for *Taylor Road Improvements (Williamson Blvd to Tomoka Farm Road)* including civil, stormwater and utility design services; survey; construction plan and specification preparation; permitting; bidding assistance; construction contract administration and inspection services. The Engineers shall be compensated as described in Article III subparagraph A of the February 14, 1980 Agreement between Quentin L. Hampton Associates, Inc. and the City of Port Orange.
2. The City will reimburse the Engineers for subconsultant costs and printing costs.
3. The City will compensate the Engineers for any sales tax on professional services that may become applicable during the course of this project.
4. The parties acknowledge that all other terms, provisions and conditions of the aforesaid original Agreement and all additions thereto not amended or changed by the provisions of the Addendum are republished, ratified and reaffirmed by the parties hereto.

IN WITNESS HEREOF the parties have made and executed this Addendum the day and year written above.

ATTEST:

CITY OF PORT ORANGE, FLORIDA

By _____
Kenneth W. Parker
City Manager

By _____
Allen Green
Title Mayor

WITNESS:

QUENTIN L. HAMPTON ASSOCIATES, INC.

By h h Coff 8/28/08
Mark A. Hampton, P.E.
Title President

RICHARD W. FERNANDEZ, P.E.
MARK A. HAMPTON, P.E.
BRAD T. BLAIS, P.E.
DAVID A. KING, P.E.
ANDREW M. GIANNINI, P.E.

Quentin L. Hampton Associates, Inc.
Consulting Engineers
P.O. DRAWER 290247
PORT ORANGE, FLORIDA 32129-0247

TELEPHONE
386/761-6810
FAX # 386/761-3977
Email: qlha@qlha.com

August 27, 2008

Roger M. Smith, P.E.
Public Utilities Director
City of Port Orange
1000 City Center Circle
Port Orange, FL 32129

Taylor Road Widening 
(Utility Relocation) JPA Project
Summertrees North To Forest Lake Area

Dear Roger,

Enclosed please find per your request our firm's estimate of fees for the above referenced project. Should you have any questions or require additional information, please feel free to contact us.

Sincerely,
QUENTIN L. HAMPTON ASSOCIATES, INC.



Mark A. Hampton, P.E.
President



Brad T. Blais, P.E.
Vice President

Cc: Fred Griffith, P.E., City of Port Orange

RECEIVED

AUG 28 2008

**CITY OF PORT ORANGE
PUBLIC UTILITIES**

**CITY OF PORT ORANGE
TAYLOR ROAD WIDENING
(UTILITY RELOCATION) JPA PROJECT
SUMMERTREES NORTH TO FOREST LAKE AREA (6200+/- LF)
PRELIMINARY ESTIMATE OF PROJECT COSTS**

PROJECT COST SUMMARY

Utility Work (Assumes JPA with Volusia County):	\$1,282,250.00
Contingency @ 10%+/-	\$ 128,250.00
Sub Total:	\$1,410,000.00
Engineering Design Phase Fees	\$ 63,700.00
Engineering Construction Phase Fees	\$ 139,650.00
Total:	\$1,613,850.00

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting Engineers-
August 27, 2008

**CITY OF PORT ORANGE
TAYLOR ROAD WIDENING
(UTILITY RELOCATION) JPA PROJECT
SUMMERTREES NORTH TO FOREST LAKE AREA (6200+/- LF)**

PRELIMINARY PROJECT UTILITY CONSTRUCTION COST SUMMARY

Water (12" main line)	\$522,500.00
Sewer (force main, 8" main line)	\$ 289,250.00
Reclaimed water (12" main line)	\$ 420,500.00
Overhead, profit, general conditions, record drawings, etc.	\$ 50,000.00
Preliminary total Construction cost estimate:	\$1,282,250.00

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting Engineers-
August 27, 2008

**CITY OF PORT ORANGE
TAYLOR ROAD WIDENING
(UTILITY RELOCATION) JPA PROJECT
SUMMERTREES NORTH TO FOREST LAKE AREA (6200 +/- LF)**

PROPOSED ENGINEERING FEES

Design Phase	
4.5% x \$1,282,250.00	\$57,700.00+/-
Survey (assumed by county)	N/A
GPR Allowance	\$2000.00
Permits Allowance	\$1000.00
Printing Allowance	\$3000.00
TOTAL	\$63,700.00 +/-

Construction Phase	
Construction Admin 2.2% x \$1,282,250.00	\$28,200.00+/-
Construction Representation Supervisory Construction Representation (estimated FY 2010 rate) 9 hrs/mo x 10 mo x \$65/hr	\$5850.00
Construction Representation (FY 2010 estimate rate) 10 mo x 8 hrs/day x 22 days/mo x \$60.00/hr	\$105,600.00
Total	\$139,650.00+/-

Note: If Florida Sales Tax becomes due on professional services, the City shall reimburse QLH for the additional sales tax cost.

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting Engineers-
August 27, 2008

CITY OF PORT ORANGE
TAYLOR ROAD WIDENING
(UTILITY RELOCATION) JPA PROJECT
SUMMERTREES NORTH TO FOREST LAKE AREA (6200 +/- LF)

CONSTRUCTION ESTIMATE

ITEM #	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
	WATER				
	12" PVC (DR 18) C-900	5,600	LF	\$50.00	\$280,000.00
	Main Line In-Line Valves				
	12" Gate Valve	7	EA	\$2,500.00	\$17,500.00
	Tie-Ins with Valves				
	12" (Crane Lakes, West End, Summer Trees North)	3	EA	\$6,000.00	\$18,000.00
	10" (Forest Lakes)	1	EA	\$5,500.00	\$5,500.00
	8" (Vinyards, Windsor Hills)	2	EA	\$5,000.00	\$10,000.00
	6" (Churches, Etc.)	3	EA	\$3,500.00	\$10,500.00
	Fire Hydrant Assembly for future development	10	EA	\$10,000.00	\$100,000.00
	Fire Hydrant Assemblies (along roadway)	7	EA	\$6,000.00	\$42,000.00
	Fittings	6,000	LBS	\$4.00	\$24,000.00
	Services	10	EA	\$1,500.00	\$15,000.00
	Water Sub Total				\$522,500.00
	SEWER (FORCE MAIN)				
	10" PVC (DR18) C-900	1,000	LF	\$50.00	\$50,000.00
	8" PVC (DR 18) C-900	4,600	LF	\$40.00	\$184,000.00
	Main Line In-line Valves				
	10" Gate Valve	1	EA	\$2,000.00	\$2,000.00
	8" Gate Valve	5	EA	\$1,750.00	\$8,750.00
	4" Gate Valve	10	EA	\$750.00	\$7,500.00
	Tie-Ins with Valves				
	10" (Summer Trees North)	1	EA	\$5,500.00	\$5,500.00
	8" (Crane Lakes)	1	EA	\$5,000.00	\$5,000.00
	6" (Forest Lakes, Vinyards, Windsor Hills)	3	EA	\$3,500.00	\$10,500.00
	Fittings	4,000	LBS	\$4.00	\$16,000.00
	Force Main Sub Total				\$289,250.00

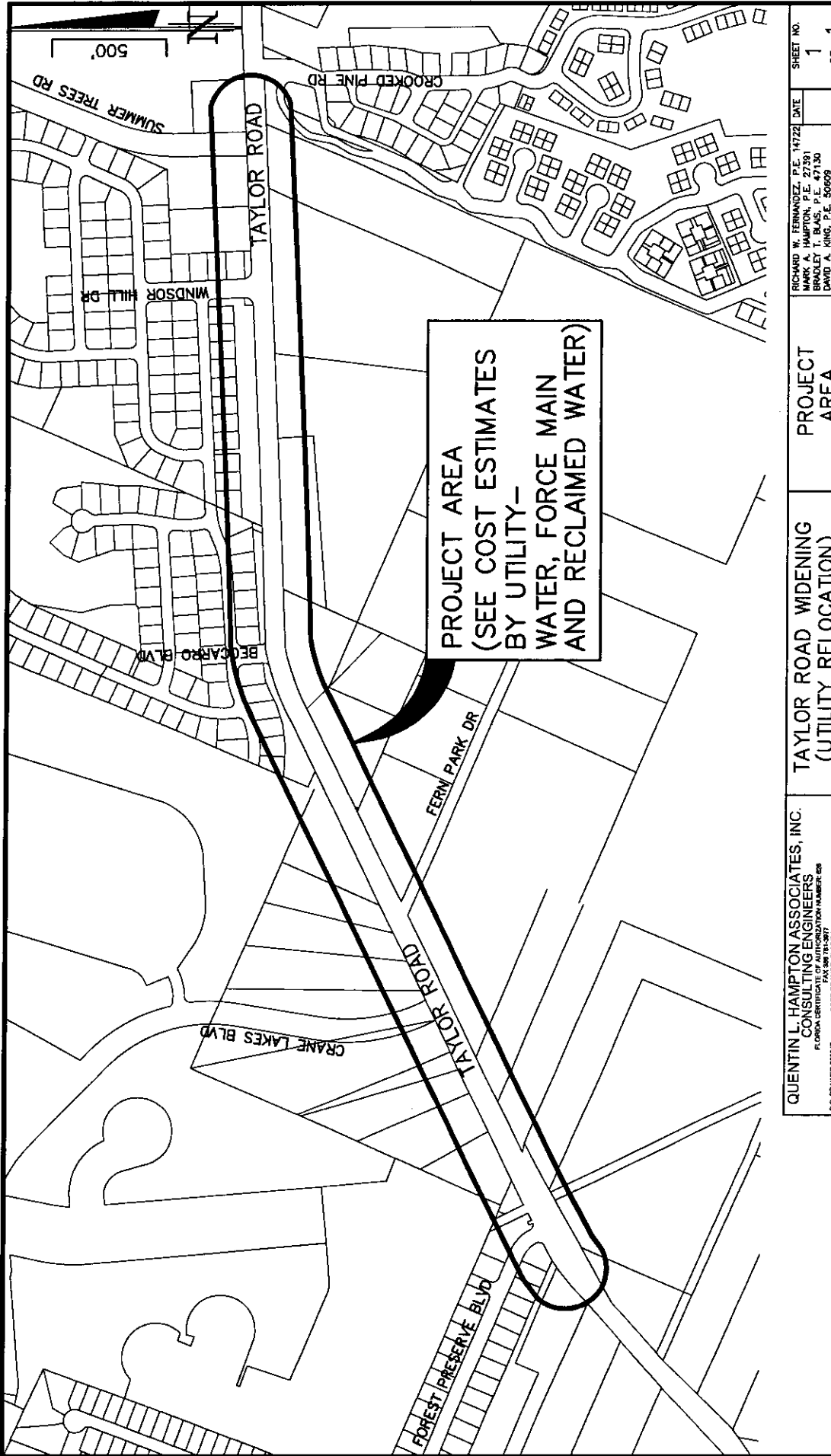
Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting Engineers-
August 27, 2008

CITY OF PORT ORANGE
TAYLOR ROAD WIDENING
(UTILITY RELOCATION) JPA PROJECT
SUMMERTREES NORTH TO FOREST LAKE AREA (6200 +/- LF)

CONSTRUCTION ESTIMATE

ITEM #	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
	RECLAIMED WATER				
	12" PVC (DR18) C-900	5,600	LF	\$50.00	\$280,000.00
	Main Line In-Line Valves				
	12" Gate Valves	7	EA	\$2,500.00	\$17,500.00
	Tie-Ins with Valves				
	12" (Crane Lakes, East End)	2	EA	\$6,000.00	\$12,000.00
	10" (Forest Lake)	1	EA	\$5,500.00	\$5,500.00
	6" (Windsor Hills)	1	EA	\$3,500.00	\$3,500.00
	4" (Vinyards)	1	EA	\$3,000.00	\$3,000.00
	Future Stubs w/Valves				
	8"	10	EA	\$6,000.00	\$60,000.00
	Services	10	EA	\$1,500.00	\$15,000.00
	Fittings	6,000	LBS	\$4.00	\$24,000.00
	Reclaimed Water Sub Total				\$420,500.00
	General Conditions, Record Drawings, RTC.	1	LS	\$50,000.00	\$50,000.00
	ESTIMATED PRELIMINARY CONSTRUCTION COSTS				\$1,282,250.00

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting Engineers-
August 27, 2008



QUENTIN L. HAMPTON ASSOCIATES, INC.
 CONSULTING ENGINEERS
 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER 608
 P.O. DRAWER 20027
 POST OFFICE BOX 20027
 ORLANDO, FLORIDA 32827
 407.761-8810

TAYLOR ROAD WIDENING
 (UTILITY RELOCATION)

PROJECT
 AREA

RICHARD W. FERNANDEZ, P.E. 14722
 MARK A. HAMPTON, P.E. 27391
 BRADLEY T. BLAS, P.E. 47130
 MICHAEL J. GIBSON, P.E. 59209
 ANDREW M. GRANVILLE, P.E. 46861

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