

Fiscal Years	2011	2012	2013	2014	2015
Capital Expenditures	<u>\$14,159.65</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$14,159.65</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4001 Dept 720 Unit 2521 Object 4615

Is Item Included in Current Budget? Yes X No

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

One (1) time capital expenditure from Water Utilities Department user fees, connection fees and balance brought forward.

C. Department Fiscal Review: Delma M. West

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

Total Authorization amount \$163,329.65

N. Jones 8/23/11
OFMB
9/23/11

Dr. J. Jacobson 8/23/11
Contract Development and Control
8-31-11 B. Wheeler

B. Legal Sufficiency:

Marlene R. [unclear] for
James C. Meyer 9/1/11
Assistant County Attorney

This item complies with current County policies.

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.



**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

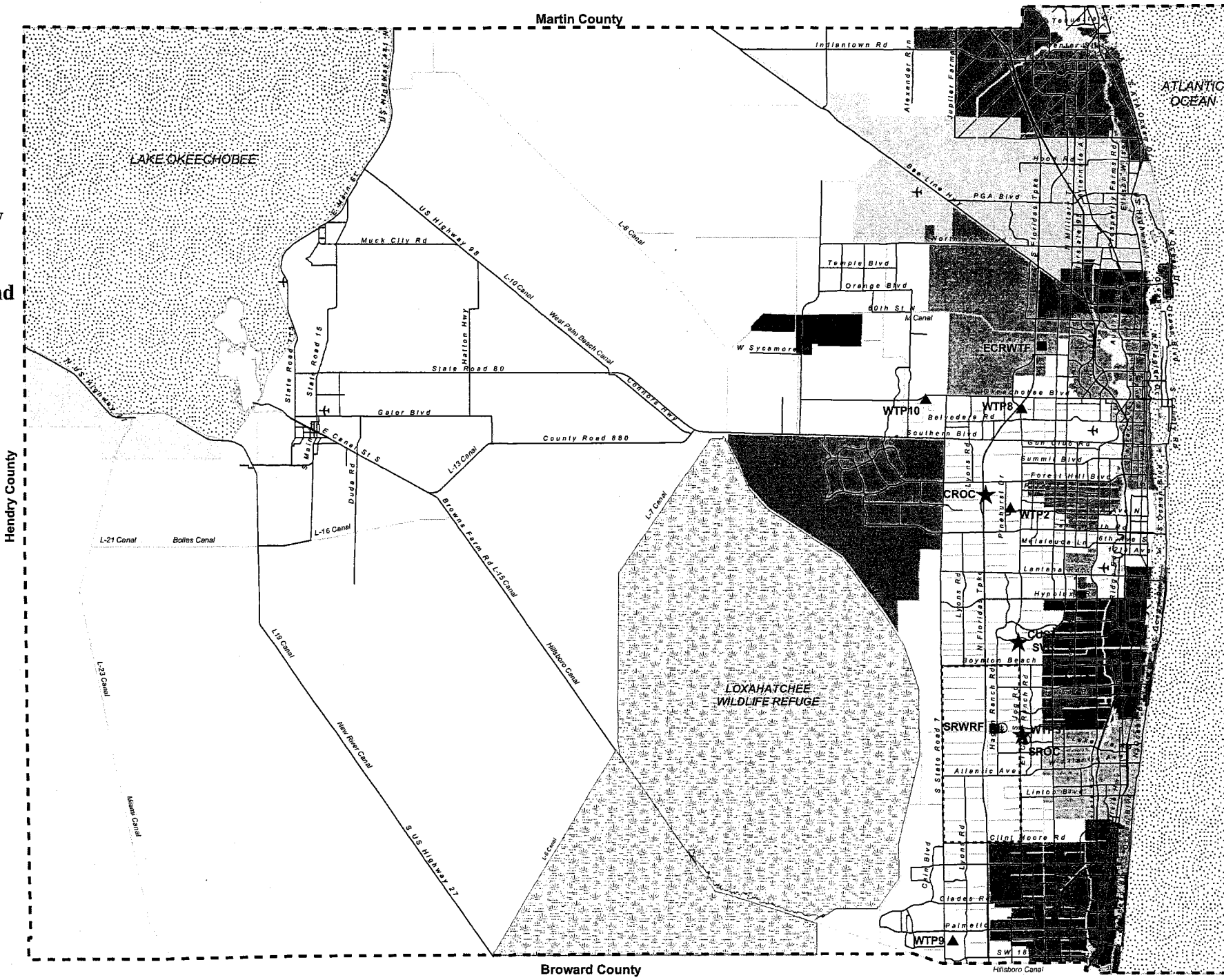
Attachment 1

Legend

- P.B.C.W.U.D. SA
- - - Mandatory Reclaimed SA
- - - Palm Beach County Limits
- ★ Administration
- Water Reclamation Facility
- ▲ Water Treatment Facility
- ⊙ Wetlands



NOT TO SCALE



SUPPLEMENT NO. 2 TO WORK AUTHORIZATION NO. 4

PROJECT: Continuing Construction Contract
WORK AUTHORIZATION NO.4, Lucerne Lakes Aerial Crossing
WATER UTIL. DEPT. PROJECT NO. WUD 08-056
SUPPLEMENT NO.: 2
DISTRICT NUMBER: 2

TO (Contractor):	DOCUMENT NO.	R2009-0944
Sheltra & Sons Inc	AUTHORIZATION DATE:	June 02, 2010
14911 SW Van Buren Ave	NOTICE TO PROCEED:	Sept 07, 2010
IndianTown, Florida. 34956	BUDGET LINE ITEM:	4001-720-2521-4615

You are directed to make the following changes to this authorization:

- | | |
|--|-----------|
| 4.1 One Hundred twenty (120) day time extension due to pipe supplier incorrect fabrication and the realignment of the aerial crossing. | \$0.00 |
| 4.2 Final contract quantity over runs. | 14,159.65 |

Total: \$14,159.65

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE AUTHORIZATION SUM OR AUTHORIZATION TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS SUPPLEMENT

The Original Authorization Sum was	<u>\$149,170.00</u>
Net Change by previous Supplements	<u>\$0.00</u>
The Authorization Sum prior to this Supplement was	<u>\$149,170.00</u>
The Authorization Sum will be increased by this Supplement..	<u>\$14,159.65</u>
The New Authorization Sum indicating this Supplement will be	<u>\$163329.65</u>
The Authorization Time will be increased by 120 days	<u>120 Days</u>
The Date of Substantial Compl. including this Supplement:...	<u>April 06, 2011</u>
The Date of Final Completion including this Supplement:.....	<u>May 06, 2011</u>

Execution of this supplement acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.

Continuing Construction Contract
Project No. WUD 09-044
Contract No. R2009-0944
Supplement No. 2 To Work Authorization No. 4
Project (WUD 08-056)
District Number: 2

Palm Beach County
ENGINEER
P.O. Box 16097
Address
W. Palm Beach, FL 33416

Sheltra & Sons Inc.
CONTRACTOR
14911 SW Van Buren Av
Address
Indiantown, Fl. 34956

Board of County Comm.
OWNER

Karen T. Marcus, Chair

BY *John C. ...*
DATE 7-18-4

BY *Grace Sheltra* BY _____
DATE 7-27-11

DATE _____

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

BY: _____
County Attorney

ATTEST: Sharon R. Brock, Clerk and Comptroller

BY: _____
Deputy Clerk

Continuing Construction Contract
Project No. WUD 09-044
Contract No. R2009-0944
Supplement No. 2 To Work Authorization No. 4
Project (WUD 08-056)
District Number: 2

AUTHORIZATION CATEGORIZATION

OWNER INITIATED

QUANTITY OVERRUNS/UNDER-RUNS

DIFFERING SITE CONDITIONS

REQUEST BY ANOTHER AGENCY/OUTSIDE

ZONING/CODE/ORDINANCE CHANGES

A. REIMBURSABLE

ERRORS/OMISSIONS/IN DESIGN

B. NON-REIMBURSABLE

Continuing Construction Contract
Project No. WUD 09-044
Contract No. R2009-0944
Supplement No. 2 To Work Authorization No. 4
Project (WUD 08-056)
District Number: 2

SCOPE OF WORK

- 4.1 Additional time is needed in order to secure the fabrication and delivery of the aerial crossing pipe. The original contract time didn't allocate the necessary time for fabrication, delivery and construction into the contract. Also the aerial crossing had to be moved away from the FPL over head powerline do to the new distant requirements working around overhead power lines. (ERRORS & OMISSION)
- 2.2 Contract final quantity adjustment. (OWNER INITIATED)

Continuing Construction Contract
Project No. WUD 09-044
Contract No. R2009-0944
Supplement No. 2 To Work Authorization No. 4
Project (WUD 08-056)
District Number: 2

COST SUMMARY

<u>Supp. #</u>	<u>DESCRIPTION</u>	<u>ADDITIONS</u>	<u>(DELETIONS)</u>	<u>NET CHANGE</u>
4.1	Time extension	\$0.00		\$0.00
4.2	Contract overruns	14,159.65		14,159.65
	Total			\$14,159.65

SHELTRA & SON CONST CO, INC.

14911 S.W. VAN BUREN AVE., INDIANTOWN, FLORIDA 34956

PHONE 772-597-3180, FAX 772-597-4213

June 8, 2011

Mr. Joseph Tanacredi, P.E.
Palm Beach County Water Utilities
8100 Forest Hill Blvd.
West Palm Beach, FL 33416

Re: Lucerne Lakes Water Main Project
WUD 08-056
Work Authorization No. 4

Subject: Timeline of Project Delays

Mr. Tanacredi:

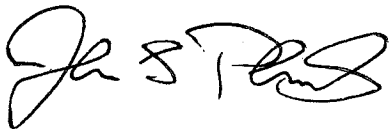
We realize the Lucerne Lakes project was completed months later than the substantial completion date of December 6, 2010, as shown in Supplement No. 1 to Work Authorization No. 4. Multiple issues were encountered throughout the project that delayed our work and progress. The following is a timeline summarizing the delays we encountered:

- After our material approvals were received on September 19, 2010, we were given a one month lead time for materials fabrication and delivery. After one month, the aerial pipe materials were not available, and we could not get a firm delivery date from the supplier. To move forward with the project despite the lack of pipe materials, piling were scheduled to be driven on November 19.
- As we were moving equipment in to begin work on Friday, November 19, it was determined that the overhead power lines were only 6 feet away from the east piling, and OSHA standards require us to be at least 20 feet away from all power lines. Notice was given to the County the following Monday, November 22, about the power line issue. One week later a meeting was held onsite and Sheltra was given approval to move the aerial crossing to the west, and work resumed. Piling and pile caps were completed within two weeks, by December 10.
- After piling work was completed, we were notified that pipe would not be available until after the holidays, so we moved offsite. On January 5 we were told pipe delivery was being delayed because our SBE supplier, Line-Tec, had a hold on their account from Ferguson due to non-payment.

- On January 6 we were informed that account issues had been resolved, and pipe could be delivered in 10 days. On January 20, after again checking on pipe status, we were finally given a firm delivery date of January 26.
- Pipe was delivered on January 26. Two crews were moved onsite to complete the work, and on February 1st we were notified that pipe did not meet Palm Beach County standards, even though it was supplied per the approved shop drawings. The pipe was then returned to the manufacturer.
- On February 2, Palm Beach County spoke with the pipe supplier directly and requested new shop drawings. On February 22, the manufacturer agreed to move forward with re-fabricating the pipe after week's worth of re-submittals and correspondence on the proper colors and linings to use.
- The pipe was delivered for the second time on March 14, and we were given approval to move forward on March 17. We then provided an updated schedule that showed completion by the end of April.
- On March 21 we notified the supplier that the pipe was shipped the wrong color, and we had to paint it black. It took three weeks to have the paint delivered onsite, after receiving approval on the proper finish to use. We then faced two additional days to paint the pipe.
- At the time of water main tie in on the north side of the canal, the existing butterfly valve was found to be defective, and we lost two days for removing the old valve and installing a new valve supplied by the County.
- All field work was completed May 3rd, and the as-builts were submitted three days later on May 6th.

From the timeline above, it shows that the actual time spent working onsite was about two months total, which would have worked within our 90 day contract time period if so many issues were not encountered with delays in having materials delivered, and having the wrong materials delivered. These delays were completely unexpected as we never had problems with Line-Tec and Ferguson like this in the past. We hope you will take these delays, which were beyond our control, into consideration when granting us additional time on this project. We also apologize for the inconveniences that were encountered in trying to bring this project to a close; however, we feel as though we provided you with a quality and functional end product.

Sincerely,
Sheltra & Son Construction Co., Inc.



John L. Pluswick
Project Manager

ATTACHMENT B

**Palm Beach County Water Utilities Department
 Continuing Construction Contract WUD 09-044
 Sheltra & Son Construction Co., Inc.
 16" Water & Force Main Aerial Crossing
 at Lucerne Lakes - LWDD L-14 Canal**

Work Authorization No.4, Project No. WUD 08-056

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	ASBUILT QUANTITY	VERRUN/UNDERRUN
26	16" DIP Water Main	220	LF	\$ 60.00	\$ 13,200.00	280	\$3,600.00
27	16" DIP Force Main	200	LF	\$ 85.00	\$ 17,000.00	228	\$2,380.00
41	DI fittings for Water Main	0.5	TN	\$ 4,500.00	\$ 2,250.00	0.5	\$0.00
42	DI fittings for Force Main	0.5	TN	\$ 6,000.00	\$ 3,000.00	0.5	\$0.00
64	6" Mega-Lug Joint Restraint for DIP	1.0	EA	\$ 120.00	\$ 120.00	0	(\$120.00)
68	16" Mega-Lug Joint Restraint for DIP	27	EA	\$ 425.00	\$ 11,475.00	31	\$1,700.00
80	16" Joint Restraint Gasket	10	EA	\$ 350.00	\$ 3,500.00	16	\$2,100.00
89	16" PVC Bell Clamp Restraint (for ex. 16" DIP)	4	EA	\$ 525.00	\$ 2,100.00	8	\$2,100.00
98	16" Gate Valve & Box	1	EA	\$ 6,500.00	\$ 6,500.00	1	\$0.00
122	Aerial Crossing (16" Force Main) (& water main)	2	LS	\$ 30,000.00	\$ 60,000.00	2	\$0.00
128	Sample Points w/Double Strap, Saddle & Corp. Stop	1	EA	\$ 550.00	\$ 550.00	2	\$550.00
161	4" to 12" connect to existing	1	EA	\$ 500.00	\$ 500.00	0	(\$500.00)
162	16" to 20" connect to existing	5	EA	\$ 1,000.00	\$ 5,000.00	4	(\$1,000.00)
226	Floritam Sod	0	SY	\$ 2.35	\$ -	2,055	\$4,829.25
227	Bahia Sod	1500	SY	\$ 1.50	\$ 2,250.00	1,600	\$150.00
230	Record Drawing	500	LF	\$ 0.25	\$ 125.00	500	\$0.00
231	Construction Survey	500	LF	\$ 0.25	\$ 125.00	500	\$0.00
232	Preconstruction Video Taping	500	LF	\$ 0.15	\$ 75.00	500	\$0.00
237	Density Tests	8	EA	\$ 50.00	\$ 400.00	0	(\$400.00)
238	Proctor Tests	1	EA	\$ 100.00	\$ 100.00	0	(\$100.00)
239	Concrete cylinder tests	2	EA	\$ 100.00	\$ 200.00	0	(\$200.00)
242	Additional work not covered in bid items	1	LS	\$ 20,700.00	\$ 20,700.00	1	(\$929.60)
					Total Bid	\$ 149,170.00	\$14,159.65
					Adjusted Total	\$ 163,329.65	

Additional Work

1	16" Plug Valve & Box	1	EA	\$ 8,000.00	\$ 8,000.00	1	\$0.00
2	Canal section excavation & embankment	1	LS	\$ 4,600.00	\$ 4,600.00	0	(\$4,600.00)
3	abandon and grout ex. 16" FM and WM	320	LF	\$ 15.00	\$ 4,800.00	320	\$0.00
4	chain link fence removal/replacement	1	LS	\$ 500.00	\$ 500.00	1	\$0.00
5	floating turbidity barrier	150	LF	\$ 12.00	\$ 1,800.00	150	\$0.00
6	Vac truck for force main abandonment	1	LS	\$ 1,000.00	\$ 1,000.00	1	\$0.00
7	Sand cement rip-rap	0	CF	\$ 14.80	\$ -	248	\$3,670.40
					\$ 20,700.00	(\$929.60)	

EXHIBIT -C

**CONTINUING CONSTRUCTION CONTRACT
SUMMARY OF SMALL BUSINESS ENTERPRISE TRACKING SYSTEM**

Work Authorization No. 4.2

	TOTAL	SBE
Current Proposal		
Value of Authorization No. 4.2	\$14,159.65	
Value of SBE Letters of Intent	\$0.00	\$0.00
Actual Percentage (SBE value/Authorization value x 0.6)	0.00%	0.00%
Signed Authorizations		
Total Value of Authorizations 1thru 4	\$1,009,892.75	
Total Value of SBE Signed Subcontracts	\$219,304.10	\$219,304.10
Actual Percentage	21.71%	21.71%
Signed Authorizatons plus Current Proposal		
Total Value of Authorizations	\$1,024,052.40	
Total Value of Subcontracts & Letters of Intent	\$219,304.10	\$219,304.10
Actual Percentage	21.41%	21.41%
GOAL	15.00%	21.41%

**INTEROFFICE COMMUNICATION
PALM BEACH COUNTY**

**BUDGET AVAILABILITY STATEMENT
WORK AUTHORIZATIONS**

DATE: July 1, 2011

TO: Irwin L. Jacobowitz, Director
Contract Development and Control

FROM: Guy Eggertsson, Fiscal Manager 1
Water Utilities Department

Guy Eggertsson

RE: Lucerne Lakes Aerial Canal Crossing
Sheltra & Sons Inc. Supplement #02 to Work Authorization #04
WUD Project Number: 08-056

FISCAL IMPACT ANALYSIS:

Summary of Fiscal Impact:

Budget Account Number:

Fund	Department	Unit	Object	Amount
4001	720	2521	4615	\$14,159.65

Funding Source:

Water Utility Department user fees.