COUNCIL ITEM 7P
DATE 1/23/12

PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST

Meeting Date: January 23, 2012

Public Hearing ____ Ordinance ____ Resolution ____ Motion _X_

Item: E-Bid #20100118 CO #3 Becker Road Widening Project, Segment 3

Recommended Action:

1) Award of Change Order #3 to Felix Associates, LLC for the construction of Becker Road Widening Segment 3 in the amount of $16,665.66 and an additional 24 calendar days. The new Contract amount is $6,603,934.91 and the new Contract Period will be 389 calendar days ending on March 23, 2012.

Exhibits: Department memo attached [X] yes [ ] no

Summary Explanation/Background Information: This Change Order for SW Becker Road Segment #3 involves driveway extensions, additional grading and hydro-seeding, and modifications to drainage patterns at culverts. This Change Order will result in an increase in the Contract amount of $16,665.66 for a new Contract amount of $6,603,934.91. This Change Order includes an increase in contract time of twenty-four (24) calendar days. The total Contract time including this Change Order is 389 calendar days. This Change Order is funded by account #360-4105-various-Y1009.

The Engineering Department and the Engineer of Record has reviewed the changes and recommend the Council approves the Change Order.

Purchase is not a replacement Purchase is budgeted.

Award Amount: **$16,665.66 & 24 additional days**

Department requests expenditure from the following:

Fund	360	Becker Rd. Fund
Cost Center	4105	Engineering Operations
Object Code	568810 567100 567200	Roadway & Drainage Water Sewer
Project	Y1009	Becker Rd. Widening Seg 3

Director of OMB concurs with award: _____ City Manager concurs with award: _____

Department requests __0__ minutes to make a presentation.

Submitted by: Patricia Roebling Date Submitted: 1/18/2012

Title: City Engineer

RECEIVED

JAN 17 2012

City Manager's Office

CHANGE ORDER

(Instructions on reverse side) No.: Change Order # 03

PROJECT:	City of Port St. Lucie	DATE OF ISSUANCE:	
OWNER:	City of Port St. Lucie 121 SW Port St. Lucie Boulevard Port St. Lucie, Florida 34984	OWNER's Project No.:	20100118
CONTRACTOR:	Felix Associates of Florida, Inc. 8526 SW Kansas Avenue Stuart, Florida 34997	ENGINEER: AECOM	
CONTRACT FOR:	Becker Road - Segment #3		

You are directed to make the following changes in the Contract Documents.

Description: City of Port St. Lucie Contract No. 20100118 / CO #3

Purpose of Change Order:
1. Increase in contract amount for adjustments to work items and additional work requested.
2. All other contract provisions / addenda remain in full force & effect.

Please see attached Document of Changes

See Attached Memos & Price Proposals

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price $ 6,551,425.54	Original Contract Time 365 days or date
Previous Change Orders No. 0 through 2 $ 35,843.71	Net change from previous Change Orders 0 days
Contract Price prior to this Change Order $ 6,587,269.25	Contract Time prior to this Change Order 365 days or date
Net Increase (Decrease) of this Change Order $ 16,665.66	Net Increase (Decrease) of this Change Order 24 days
Contract Price with all approved Change Orders $ 6,603,934.91	Contract Time with all approved Change Orders 389 days or date

RECOMMENDED:	APPROVED:	APPROVED:
By _____	by _____	by _____
Engineer	Owner	Contractor

CITY OF PORT ST. LUCIE

Engineering Department

Accredited Agency – American Public Works Association

"A City for All Ages"

MEMORANDUM

TO: CHERYL SHANABERGER –DEPUTY DIRECTOR OF OMB

FROM: STEVE JUNGJOHAN, MANAGER, CIP

DATE: JANUARY 11, 2012

RE: BECKER ROAD WIDENING, SEGMENT #3
FELIX ASSOCIATES OF FLORIDA, INC.
CONTRACT NO. 20100118
CHANGE ORDER NO. 3

Attached please find a change order form, recommendation letter and a cost breakdown spreadsheet for Change Order No. 3 to Contract 20100118 with Felix Associates of Florida, Inc. for additional work and quantity adjustments associated with the Segment 3 section of the Becker Road Widening Project. The Engineering Department is requesting authorization by the City Council for the City Manager to execute the necessary change order as referenced above and as further described below.

Change Order No. 3 to the Segment 3 portion of the Becker Road Widening contract with Felix Associates of Florida, Inc. (Contract No. 20100118) involves driveway extensions, additional grading and hydro-seeding, and modifications to drainage patterns at culverts. *This change order will result in an increase in the contract price of $16,665.66 for a new contract total of $6,603,934.91. This change order includes an increase in contract time of twenty-four (24) day .The total contract time including the change order is 389 days. This contract is funded by account number 360-4105-568810-Y1009.*

The Engineering Department has reviewed this documentation and recommends approval of Change Order No. 3. Please schedule Change Order No. 3 for presentation at the next available City Council meeting for their consideration. Three (3) original signed change order forms will be forwarded to your office once they have been signed by the contractor. If additional documentation is needed, or if you have any questions, please do not hesitate to contact me. Thank you for your cooperation.

/jea

c: Jesus Merejo, Utility Systems Director
Patricia Roebling, P.E., City Engineer
Kimberly Graham, P.E., Assistant City Engineer
Dave Pollard, Director of OMB
James E. Angstadt, P.E. Civil Engineer
Heath Stocton, P.E., AECOM

S:\projects\Becker Road Widening - Turnpike to I95\Phase II- Segment 2-4\5.0 Construction\5.1 Contract Documents\5.1.13 Seg 3 Felix Associates\Change Order No. 3\Felix Associates CO3 to OMB (1-11-12) (2).doc

121 S.W. Port St. Lucie Boulevard • Port St. Lucie, FL 34984-5099 • 772/871-5177 • 772/871-5100
Fax 772/871-5289
TDD Line • 772/344-4222

AECOM

AECOM
3550 S.W. Corporate Parkway
Palm City, Florida 34990
www.aecom.com

772 286 3883 tel
772 286 3925 fax

December 19, 2011

Mr. Steve Jungjohan
Project Manager
City of Port Saint Lucie
Engineering Department
121 S.W. Port St. Lucie Blvd
Port St. Lucie, FL 34984

RE: FELIX ASSOCIATES - CHANGE ORDER #03

Project:	Becker Road – Segment 3
Description:	Albacore St. (Sta. 350+30) to Athena Dr. (Sta. 412+89)
Contract #:	20100118 (Engineering) / 24.0012 (Utilities)
Prime Contractor:	Felix Associates of Florida, Inc.

Dear Mr. Jungjohan,

The following letter is a request for your concurrence of Felix Associates' Change Order No. 3 to the Becker Road Segment 3 project as described above. Change Order No. 3 provides contract adjustments for the following items.

COR #	Item Description	Unit	Unit Price	Qty	Total Change
024	Milburn Circle Driveway – West	LS	$3,657.46	1	$3,657.46
025	Grading & Seeding Model RR Property	LS	$4,412.20	1	$4,412.20
027	Modifications at Quad Culverts	LS	$8,596.00	1	$8,596.00
	Total Change Order Value				$16,665.66

Milburn Circle Driveway (West) – Additional driveway construction on Milburn Circle at Becker Road. The driveway construction comes at the request of The City of Port St. Lucie Engineering Department. The price to perform the work was negotiated with the contractor on a lump sum basis. The total cost for this change was $3,657.46. Zero (0) additional contract days were granted with this change.

Grading & Seeding Model Railroad Property - The PSL Engineering Department requested the contractor rough grade and hydro-seed the property immediately east and west of the model railroad property. The total cost for this addition was $4,412.20. Zero (0) additional contract days were granted with this change.

Modifications at Quad Culverts – It was determined by the City and AECOM that the roadway and back of sidewalk drainage could perform more efficiently through some slight modifications including, relocating closed flume structure, constructing concrete swale, and notching existing ditch bottom inlet (DBI). Also, an aluminum guiderail was added along the back of sidewalk at the flume. The total

AECOM

cost for these additions was $8,596.00. Zero (0) additional contract days were granted with this change.

In summary, the above additions to the contract, along with the adjustments to the contract pay items will result in an increase to the contract in the amount of $16,665.66 with twenty-four (24) additional contract days. The additional days are not associated with the additional work, but are requested to compensate for non-workable days (i.e. Holidays and inclement weather) per Section 8-7.3.2 of the Standard Specifications. We have reviewed these changes and recommend approval of this Change Order No. 3. We request that the City of Port St. Lucie Engineering Department review this recommendation and provide direction to this office concerning concurrence at your earliest convenience.

If you have any further questions, please contact me at (772) 214-9782. Thanks for your assistance in this matter.

Yours Sincerely,

Heath Stocton, PE
Project Engineer

Becker Road Segment 3
Station 350+30.00 to 412+89.00

Change Order Tracking Sheet									
Change Order #	COR #	COR Description	Revisions	Date Final Received	Date Approved by City	Date Approved by Council	Cost	Days	Comments
001	-					6/14/2011	-	0	
	001	Additional Clearing	1	4/5/2011	4/7/2011		$ 9,075.00	0	Additional Clearing at Model Train property and cost to remobilize for clearing at lake 9 on lot not previously owned by the City.
	002	NPDES Permit Fee	0	3/30/2011	4/6/2011		$ 400.00	0	Per the contract, NPDES permit fee is reimbursable to FA.
	003	Additional Utility Items	2	4/19/2011	5/16/2011		$ 41,419.89	0	AFC Plans differed from Bid plans. Additional hydrants and other various items were added to the plans.
	004	Drainage Modifications	2	4/22/2011	4/26/2011		$ 1,788.23	0	Pipe crossing Sea Lion was increased to ensure capacity and yard drain at Albacore is connected to structure E-01 not pipe.
	005	Structure G-50 Modification	1	5/9/2011	5/5/2011		$ 1,001.69	0	Yard Drain added SW of structure. Cost to core structure and connect yard drain. Revision eliminated fittings.
	006	Clean Existing Quad ERCP	1	5/3/2011	5/5/2011		$ 2,420.00	0	Existing Quads crossing Becker are heavily silted and cleaning is to be performed prior to extending them.
	007	Temporary Signal Pole	0	5/5/2011	5/5/2011		$ 2,607.00	0	Installation of a temporary signal pole at Darwin to allow FA to install utility deflections.
	008	RR Property Debris Cleanup	0	5/17/2011	5/17/2011		$ 880.00	0	Removal of debris from selective clearing adjacent lake 8.
	N/A	Rectify Utility Quantities (IFB vs. IFC Plans)	0				$ 9,001.99	0	Reconciliation of quantity changes between plans issued for bids and plans approved for construction.
						Total Approved	$ 68,593.80		
002									
	009	Additional Survey & As-Builts	0	6/23/2011	PSLUSD 7/14/11 PSLE 7/25/11		$ 3,245.00	0	Additional survey work and as-builts for both water and sewer utilities associated with the additional utility items in C.O. #1
	010	LPFM Service Adjustments	0	6/28/2011	6/28/2011		$ 3,481.50	0	Includes the relocation of 3 existing LPFM services Station 367+40, 377+80 and 391 +85. Services to be lowered below the proposed
	011	Additional Signs	0	6/28/2011	6/29/2011		$ 547.93	0	The addition of 4 signs at the western end of Sea Lion Road at the east bank of Lake #8
	012	LPFM Deflection STA 367+40	0	7/1/2011	7/11/2011		$ 2,216.17	0	Includes the Time & Material work associated with deflecting the low pressure force main at station 367+40 due to a conflict with
	013	Quantity Overruns	3	9/28/2011	PSLUSD 10/3/11 PSLE 10/3/11		$ 4,129.44	0	Includes additional quantities for line items that have overrun.
	014	Vinyl Sheeting Adjustment	2	7/25/2011	8/2/2011		$ (8,601.93)	0	Includes credit for shortened weir wall length minus material cost
	015	Palm Tree Relocation	2	9/29/2011	8/2/2011		$ 775.00	0	Cost to relocate palm trees near structure G-10A.
	016	STA: 363+00 Plan Revision (Move Hydrant)	3	8/26/2011	8/31/2011		$ 3,314.35	0	Additional 12x6 wet tap associated with relocating fire hydrant.
	017	Alpha Street Closure - Structure	1	9/27/2011	10/3/2011		$ 4,775.05	0	Cost to convert structure F-16 to curb inlet due to Alpha Street Closure.
	018	HDD IM Changes	1	9/23/2011	10/4/2011		$ (70,490.24)	0	Cost savings associated with converting portions of IM HDD to direct bury and eliminating one section completely.
	019	STA: 363+00 Plan Revision (Sidewalk)	1	9/19/2011	9/21/2011		$ 12,409.34	0	Sidewalk narrowing and bulb-out removal to accommodate inability to obtain TCE from landowner
	020	Milburn Circular Driveway - East	1	9/19/2011	9/21/2011		$ 6,174.77	0	Circular driveway to be constructed for homeowner as requested by City.
	021	Alpha Street Closure - Roadway	1	9/27/2011	10/3/2011		$ 4,074.53	0	Cost of roadway work associated with closure, including hammerhead turnaround on Alpha
	022	Guiderail at Quads	0	9/20/2011	9/22/2011		$ 1,199.00	0	Guiderail at closed flume inlet at quads
	023	Culvert Replacement on SW Milburn Circle	0	9/27/2011	Removed and Paid Separately		$ 145,181.20	0	Replacing culverts that failed on Milburn Circle. Not within original scope of Segment 3.
						Total Approved	$ (32,750.09)		

Becker Road Segment 3
Station 350+30.00 to 412+89.00

003									
	024	Milburn Circle Driveway - West	0	10/6/2011	10/12/2011		$ 3,657.46	0	Additional driveway to be constructed for homeowner as requested by City.
	025	Grading & Seeding Model RR Property	0	10/26/2011	11/4/2011		$ 4,412.20	0	Remove existing asphalt driveway at Model RR building, grade open areas, sod driveway area, and hydroseed vacant adjacent city-
	026	Proposed Yard Drain at Quads	0	10/5/2011	Rejected		$ 3,888.39	0	Additional YD at quads to assist in draining back of sidewalk to the east. Cost was too high so alternative method was used.
	027	Changes at Quads	1	10/27/2011	10/27/2011		$ 8,596.00	0	Relocate structure G-10, repour curb and sidewalk, mill roadway, and construct concrete flume.
	028	Chinese Fan Palm Replacement	0	11/2/2011	Rejected		$ 337.39	0	Replace palm that was relocated and died at home on SW corner of Quads
	029	Bond Increase	0	11/2/2011	Rejected		$ 1,411.82	0	Cost to increase bond due to change orders #1 and #2
						Total Approved	$ 16,665.66		

Becker Rd Segment 3 From Station 350+30.00 to 412+89.00

I. GENERAL ITEMS

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
101-1	MOBILIZATION	LS	1	$ 374,781.75	$ 374,781.75	1	0	$ 374,781.75		$ -		$ -		$ -
102-1	MAINTENANCE OF TRAFFIC	LS	1	$ 131,843.00	$ 131,843.00	1	0	$ 131,843.00		$ -		$ -		$ -
104-11	FLOATING TURBIDITY BARRIER	LF	1,148	$ 7.11	$ 8,162.28	1,148	0	$ 8,162.28		$ -		$ -		$ -
104-13-1	STAKED SILT FENCE	LF	28,023	$ 0.53	$ 14,852.19	29,560	1,537	$ 15,666.80		$ -	1537.00	$ 814.61		$ -
104-15	SOIL TRACKING PREVENTION DEVICE	EA	3	$ 1,444.98	$ 4,334.94	3	0	$ 4,334.94		$ -		$ -		$ -
104-16	ROCK BAGS	EA	1,560	$ 3.16	$ 4,929.60	1,560	0	$ 4,929.60		$ -		$ -		$ -
104-99	VARIABLE MESSAGE BOARDS	EA	360	$ 17.36	$ 6,249.60	360	0	$ 6,249.60		$ -		$ -		$ -
110-1-1	CLEARING & GRUBBING	LS	1	$ 285,490.00	$ 285,490.00	1	0	$ 285,490.00		$ -		$ -		$ -
110-4	CONCRETE PAVEMENT, REMOVAL OF EXISTING	SY	1,119	$ 2.64	$ 2,954.16	1,634	515	$ 4,313.76		$ -	515.00	$ 1,359.60		$ -
110-7-1	MAILBOX (RELOCATE)	EA	6	$ 131.87	$ 791.22	6	0	$ 791.22		$ -		$ -		$ -
199-1	SURVEY WORK & PREPARATION OF ASBUILT DRAWINGS (STRUCTURES/	LS	1	$ 38,315.05	$ 38,315.05	1	0	$ 38,315.05		$ -		$ -		$ -
COR 019R1	SURVEY AND ASBUILT	LS	0	$ 1,232.00	$ -	1	1	$ 1,232.00		$ -	1.00	$ 1,232.00		$ -
COR 001R1	SELECTIVE CLEARING MODEL RR PROPERTY	LS	0	$ 7,590.00	$ -	1	1	$ 7,590.00	1	$ 7,590.00		$ -		$ -
COR 001R1	LAKE 9 - LOT CLEARING	LS	0	$ 1,485.00	$ -	1	1	$ 1,485.00	1	$ 1,485.00		$ -		$ -
COR 002	NPDES PERMIT FEE	LS	0	$ 400.00	$ -	1	1	$ 400.00	1	$ 400.00		$ -		$ -
COR 004R2	REMOVAL OF EXISTING 14"x23" W/ MES	LS	0	$ 798.48	$ -	1	1	$ 798.48	1	$ 798.48		$ -		$ -
COR 007	SIGNAL POLE RELOCATION	LS	0	$ 2,607.00	$ -	1	1	$ 2,607.00	1	$ 2,607.00		$ -		$ -
COR 008	TRASH AND BOULDER CLEANUP (MODEL RR PROPERTY)	LS	0	$ 880.00	$ -	1	1	$ 880.00	1	$ 880.00		$ -		$ -
COR 024	SITE PREPARATION AND RESTORATION	LS	0	$ 1,783.14	$ -	1	1	$ 1,783.14				$ -	1.00	$ 1,783.14
TOTAL GENERAL					$ 872,703.79			$ 891,653.62		$ 13,760.48		$ 3,406.21		$ 1,783.14

II. ROADWAY

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
120-1	REGULAR EXCAVATION	CY	180,068	$ 3.60	$ 648,244.80	180,068	0	$ 648,244.80		$ -		$ -		$ -
120-4	SUBSOIL EXCAVATION	CY	20,141	$ 1.00	$ 20,141.00	20,141	0	$ 20,141.00		$ -		$ -		$ -
120-6	EMBANKMENT	CY	36,743	$ 1.00	$ 36,743.00	36,743	0	$ 36,743.00		$ -		$ -		$ -
160-4	TYPE B STABILIZATION	SY	51,056	$ 2.36	$ 120,492.16	51,056	0	$ 120,492.16		$ -		$ -		$ -
285-708	OPTIONAL BASE GROUP 8 (TYPE B-12.5 ONLY)	SY	3,025	$ 32.14	$ 97,223.50	3,178	153	$ 102,140.92		$ -	153.00	$ 4,917.42		$ -
285-711	OPTIONAL BASE GROUP 11 (TYPE B-12.5 ONLY)	SY	40,633	$ 28.61	$ 1,162,510.13	40,375	-258	$ 1,155,128.75		$ -	(258.00)	$ (7,381.38)		$ -
327-70-1	MILLING EXISTING ASPHALT PAVEMENT	SY	2,578	$ 1.79	$ 4,614.62	2,682	104	$ 4,800.78		$ -	104.00	$ 186.16		$ -
334-1-13A	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (1.5" THICK)	SY	2,936	$ 8.64	$ 25,367.04	3,089	153	$ 26,688.96		$ -	153.00	$ 1,321.92		$ -
334-1-13B	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (3" THICK)	SY	40,881	$ 12.49	$ 510,603.69	40,623	-258	$ 507,381.27		$ -	(258.00)	$ (3,222.42)		$ -
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (INC RUBBER)(FC-9.5)(1" THICK)	SY	5,514	$ 7.74	$ 42,678.36	5,771	257	$ 44,667.54		$ -	257.00	$ 1,989.18		$ -
337-7-33	ASPHALTIC CONCRETE FRICTION COURSE (INC RUBBER)(FC-12.5)(1.5" THICK)	SY	40,881	$ 9.06	$ 370,381.86	40,623	-258	$ 368,044.38		$ -	(258.00)	$ (2,337.48)		$ -
520-1-10	CONCRETE CURB & GUTTER (TYPE F) (INCLUDES DROP/ALLEY CURB)	LF	20,016	$ 9.76	$ 195,356.16	20,005	-11	$ 195,248.80		$ -	(11.00)	$ (107.36)		$ -
520-2-4	CONCRETE CURB (TYPE D)	LF	770	$ 8.98	$ 6,899.20	770	0	$ 6,899.20		$ -		$ -		$ -
520-5-42	CONCRETE TRAFFIC SEPARATOR (TYPE IV, 6' WIDE)	LF	2,420	$ 28.66	$ 69,357.20	2,420	0	$ 69,357.20		$ -		$ -		$ -
522-1	CONCRETE SIDEWALK, 4" THICK	SY	12,039	$ 21.02	$ 253,059.78	12,124	85	$ 254,846.48		$ -	85.00	$ 1,786.70		$ -
522-2	CONCRETE SIDEWALK, 6" THICK	SY	433	$ 33.47	$ 14,492.51	596	163	$ 19,948.12		$ -	107.00	$ 3,581.29	56.00	$ 1,874.32
COR 019R1	THICKEND EDGE	LF	0	$ 4.40	$ -	100	100	$ 440.00			100.00	$ 440.00		$ -
COR 019R1	PICKET RAILING (FDOT 860)	LF	0	$ 83.49	$ -	100	100	$ 8,349.00			100.00	$ 8,349.00		$ -
COR 022	THICKEND EDGE AT CLOSED FLUME	LF	0	$ 15.40	$ -	10	10	$ 154.00			10.00	$ 154.00		$ -
COR 020R1	SITE PREPARATION AND RESTORATION	LS	0	$ 2,427.61	$ -	1	1	$ 2,427.61		$ -	1.00	$ 2,427.61		$ -
COR 021R1	SURVEY AND AS-BUILTS	LS	0	$ 1,210.00	$ -	1	1	$ 1,210.00		$ -	1.00	$ 1,210.00		$ -
COR 022	ALUMINUM PIPE GUIDERAIL (FDOT 670)	LS	0	$ 1,045.00	$ -	1	1	$ 1,045.00		$ -	1.00	$ 1,045.00		$ -
COR 027R1	PREP CURB & SWALE	LS	0	$ 1,073.91	$ -	1	1	$ 1,073.91					1.00	$ 1,073.91
COR 027R1	SUBGRADE SIDEWALK	LS	0	$ 423.51	$ -	1	1	$ 423.51					1.00	$ 423.51
COR 027R1	FORM & POUR CURB & SWALE	LS	0	$ 3,712.50	$ -	1	1	$ 3,712.50					1.00	$ 3,712.50
COR 027R1	MILL ROADWAY	LS	0	$ 75.18	$ -	1	1	$ 75.18					1.00	$ 75.18
TOTAL ROADWAY					$ 3,578,165.01			$ 3,599,684.07		$ -		$ 14,359.64		$ 7,169.42

III. STRUCTURES

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
400-1-2	CLASS I CONCRETE (ENDWALLS)	CY	48	$ 874.95	$ 41,997.60	48	0	$ 41,997.60		$ -		$ -		$ -
400-1-6	#3 REINFORCING STEEL BARS (HEADER CURBS)	LB	98	$ 1.05	$ 100.80	98	0	$ 100.80		$ -		$ -		$ -
400-1-15A	CLASS I CONCRETE (HEADER CURBS)	CY	5	$ 343.95	$ 1,719.75	5	0	$ 1,719.75		$ -		$ -		$ -
400-1-15B	CLASS I CONCRETE (SUBSTRUCTURE)	CY	63	$ 241.67	$ 15,225.21	63	0	$ 15,225.21		$ -		$ -		$ -
400-2-2	CLASS II CONCRETE (ENDWALLS)	CY	35	$ 830.49	$ 29,067.15	35	0	$ 29,067.15		$ -		$ -		$ -
415-1-3A	REINFORCING STEEL (ENDWALLS)	LB	3,038	$ 0.02	$ 60.76	3,038	0	$ 60.76		$ -		$ -		$ -
455-36	VINYL SHEET PILING W/ BULKHEAD CAP	LF	122	$ 629.73	$ 76,827.06	106	-16	$ 66,751.38		$ -	(16.00)	$ (10,075.68)		$ -
455-38A	VINYL SHEET PILING (SURPLUS MATERIAL)	LS	0	$ 1,473.75	$ -	1	1	$ 1,473.75		$ -	1.00	$ 1,473.75		$ -
530-3-3	RIPRAP - RUBBLE (BANK AND SHORE)	SY	1,267	$ 64.32	$ 81,493.44	1,267	0	$ 81,493.44		$ -		$ -		$ -
COR 027R1	DEMO F-CURB	LS	0	$ 519.23	$ -	1	1	$ 519.23		$ -			1.00	$ 519.23
TOTAL STRUCTURES					$ 246,491.77			$ 238,409.07		$ -		$ (8,601.93)		$ 519.23

IV - DRAINAGE

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
424-999	PLASTIC SWALE LINER	LF	3,941	$ 5.09	$ 20,059.69	3,941	0	$ 20,059.69		$ -		$ -		$ -
425-1-351	INLET (CURB TYPE P-5) (<10)	EA	10	$ 2,416.45	$ 24,164.50	10	0	$ 24,164.50		$ -		$ -		$ -
425-1-361	INLET (CURB TYPE P-6) (<10)	EA	17	$ 2,885.43	$ 49,052.31	17	0	$ 49,052.31		$ -		$ -		$ -
425-1-451	INLET (CURB TYPE J5) (<10)	EA	5	$ 4,195.57	$ 20,977.85	5	0	$ 20,977.85		$ -		$ -		$ -
425-1-461	INLET (CURB TYPE J-6) (<10)	EA	7	$ 4,205.11	$ 29,442.77	7	0	$ 29,442.77		$ -		$ -		$ -
425-1-462	INLET (CURB TYPE J-6) (>10)	EA	1	$ 4,420.33	$ 4,420.33	1	0	$ 4,420.33		$ -		$ -		$ -
425-1-551	INLET (DT BOT TYPE E) (<10)	EA	31	$ 2,286.94	$ 70,957.14	31	0	$ 70,957.14		$ -		$ -		$ -
425-1-553	INLET (DT BOT TYPE E) (J BOTTOM, <10)	EA	3	$ 3,785.77	$ 11,357.31	3	0	$ 11,357.31		$ -		$ -		$ -
425-1-554	INLET (DT BOT TYPE E) (J BOTTOM, <10)	EA	3	$ 5,148.20	$ 15,444.60	3	0	$ 15,444.60		$ -		$ -		$ -
425-1-571	INLET (DT BOT TYPE G) (<10)	EA	1	$ 3,728.84	$ 3,728.84	1	0	$ 3,728.84		$ -		$ -		$ -
425-1-910	INLET (CLOSED FLUME)	EA	1	$ 2,947.13	$ 2,947.13	1	0	$ 2,947.13		$ -		$ -		$ -
425-2-41	MANHOLES (P-7) (<10')	EA	4	$ 1,830.30	$ 7,321.20	4	0	$ 7,321.20		$ -		$ -		$ -
425-2-71	MANHOLES (J-7) (<10')	EA	7	$ 2,713.82	$ 18,996.74	7	0	$ 18,996.74		$ -		$ -		$ -
425-2-72	MANHOLES (J-7) (>10')	EA	4	$ 3,578.20	$ 14,312.80	4	0	$ 14,312.80		$ -		$ -		$ -
425-10	YARD DRAIN	EA	10	$ 781.33	$ 7,813.30	11	1	$ 8,594.63		$ -	1.00	$ 781.33		$ -
430-175-101A	15" HIGH DENSITY POLYTHLENE PIPE	LF	232	$ 22.23	$ 5,157.36	292	60	$ 6,491.16		$ -	60.00	$ 1,333.80		$ -
430-175-101B	18" REINFORCED CONCRETE PIPE	LF	2,777	$ 35.73	$ 99,222.21	2,811	34	$ 100,437.03		$ -	34.00	$ 1,214.82		$ -
430-175-101C	18" CORRUGATED ALUMINUM PIPE	LF	20	$ 56.57	$ 1,131.40	20	0	$ 1,131.40		$ -		$ -		$ -
430-175-101D	24" REINFORCED CONCRETE PIPE	LF	1,200	$ 49.51	$ 59,412.00	1,200	0	$ 59,412.00		$ -		$ -		$ -
430-175-102A	30" REINFORCED CONCRETE PIPE	LF	1,943	$ 51.79	$ 100,627.97	1,943	0	$ 100,627.97		$ -		$ -		$ -
430-175-102B	30" CORRUGATED ALUMINUM PIPE	LF	40	$ 118.32	$ 4,732.80	40	0	$ 4,732.80		$ -		$ -		$ -
430-175-102C	36" REINFORDED CONCRETE PIPE	LF	1,415	$ 59.48	$ 84,164.20	1,415	0	$ 84,164.20		$ -		$ -		$ -
430-175-102D	36" CORRUGATED ALUMINUM PIPE	LF	20	$ 149.17	$ 2,983.40	20	0	$ 2,983.40		$ -		$ -		$ -
430-175-103A	42" REINFORCED CONCRETE PIPE	LF	579	$ 86.69	$ 50,193.51	579	0	$ 50,193.51		$ -		$ -		$ -
430-175-103C	48" REINFORCED CONCRETE PIPE	LF	752	$ 91.95	$ 69,146.40	752	0	$ 69,146.40		$ -		$ -		$ -
430-175-103D	48" CORRUGATED ALUMINUM PIPE	LF	20	$ 252.60	$ 5,052.00	20	0	$ 5,052.00		$ -		$ -		$ -
430-175-104A	54" REINFORCED CONCRETE PIPE	LF	1,080	$ 118.79	$ 128,293.20	1,080	0	$ 128,293.20		$ -		$ -		$ -
430-175-105	72" REINFORCED CONCRETE PIPE	LF	236	$ 186.74	$ 44,070.64	236	0	$ 44,070.64		$ -		$ -		$ -
430-175-201	12" X 18" ELLIPTICAL REINFORCED CONCRETE PIPE	LF	34	$ 36.78	$ 1,250.52	96	62	$ 3,530.88		$ -	62.00	$ 2,280.36		$ -
430-175-202	29" X 45" ELLIPTICAL REINFORCED CONCRETE PIPE	LF	431	$ 80.25	$ 34,587.75	431	0	$ 34,587.75		$ -		$ -		$ -
430-175-204	48" X 76" ELLIPTICAL REINFORCED CONCRETE PIPE	LF	148	$ 245.55	$ 36,341.40	148	0	$ 36,341.40		$ -		$ -		$ -
430-983-1	4" PVC PIPE FOR BACK OF SIDEWALK DRAINAGE	LF	58	$ 12.56	$ 728.48	0	-58	$ -		$ -	(58.00)	$ (728.48)		$ -
430-984-623	MITERED END SECTION (CROSS DRAIN, ROUND, 12" X 18")	EA	1	$ 718.59	$ 718.59	2	1	$ 1,437.18		$ -	1.00	$ 718.59		$ -
COR 004R2	15" HDPE FITTINGS AND TIE-IN	LS	0	$ 281.76	$ -	1	1	$ 281.76	1	$ 281.76		$ -		$ -
COR 004R2	12"x18" ERCP (MATERIAL ONLY)	LS	0	$ 707.69	$ -	0	0	$ -	1	$ 707.69	(1.00)	$ (707.69)		$ -
COR 005R1	CORE STRUCTURE G-50 AND TIE-IN 15" HDPE	LS	0	$ 1,001.69	$ -	1	1	$ 1,001.69	1	$ 1,001.69		$ -		$ -
COR 006R1	CLEAN EXISTING QUAD ERCP	LS	0	$ 2,420.00	$ -	1	1	$ 2,420.00	1	$ 2,420.00		$ -		$ -
COR 017R1	CONVERT F-16 TO P-6 INLET	LS	0	$ 4,775.05	$ -	1	1	$ 4,775.05		$ -	1.00	$ 4,775.05		$ -
COR 019R1	CORE STRUCTURE F-20 AND TIE-IN 15" HDPE	LS	0	$ 1,001.69	$ -	1	1	$ 1,001.69		$ -	1.00	$ 1,001.69		$ -
COR 021R1	CORE STRUCTURES F-14 & F-15 AND TIE IN 12x18 ERCP	EA	0	$ 1,001.69	$ -	2	2	$ 2,003.38		$ -	2.00	$ 2,003.38		$ -
COR 013	MITERED END SECTION (18")	EA	0	$ 718.59	$ -	1	1	$ 718.59		$ -	1.00	$ 718.59		$ -
COR 027R1	RELOCATE STRUCTURE G-10	LS	0	$ 1,930.40	$ -	1	1	$ 1,930.40		$ -			1.00	$ 1,930.40
COR 027R1	CUT STRUCTURE G-10A, G51 & HEADWLL	LS	0	$ 861.27	$ -	1	1	$ 861.27		$ -			1.00	$ 861.27
TOTAL DRAINAGE					$ 1,028,810.34			$ 1,049,404.59		$ 4,411.44		$ 13,391.14		$ 2,791.67

PLANTING & GRASSING

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
655-1-1	DIRECTIONAL BORE(6" DR11 3608 IPS)	LF	8,446	$ 10.46	$ 88,345.16	0	-8446	$ -		$ -	(8446.00)	$ (88,345.16)		$ -
655-1-2	DIRECTIONAL BORE (8" - <12"DR11 3608	LF	4,223	$ 37.96	$ 160,305.08	0	-4223	$ -		$ -	(4223.00)	$ (160,305.08)		$ -
570-1-2	PERFORMANCE TURF (SOD)	SY	63,664	$ 1.51	$ 96,132.64	64,142	478	$ 96,854.42		$ -	258.00	$ 389.58	220.00	$ 332.20
	SABLE PALM RELOCATIONS AND LOT GRADING	LS	0	$ 775.00	$ -	1	1	$ 775.00		$ -	1.00	$ 775.00		$ -
COR 018R1	2" & 6" HDPE DR11 3608 IPS (HDD, Installed as Double)	LF	0	$ 60.00	$ -	2,526	2526	$ 151,560.00		$ -	2526.00	$ 151,560.00		$ -
COR 016R1	2" & 6" HDPE DR11 3608 IPS (Direct Bury, Installed as Double)	LF	0	$ 28.00	$ -	950	950	$ 26,600.00		$ -	950.00	$ 26,600.00		$ -
COR 025	RAILROAD SITE GRADING & HYDROSEEDING	SY	0	$ 0.85	$ -	4,800	4800	$ 4,080.00		$ -			4800.00	$ 4,080.00
TOTAL PLANTING & GRASSING					$ 344,782.88			$ 279,869.42		$ -		$ (69,325.66)		$ 4,412.20

VI. SIGNING & PAVEMENT MARKING

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
700-20-11	SINGLE POST SIGN (F&I) (12 OR LESS)	AS	46	$ 231.82	$ 10,663.72	47	1	$ 10,895.54		$ -	1.00	$ 231.82		$ -
700-20-12	SINGLE POST SIGN (F&I) (12-20)	AS	2	$ 632.24	$ 1,264.48	2	0	$ 1,264.48		$ -		$ -		$ -
700-20-40	SINGLE POST SIGN (RELOCATE)	AS	16	$ 84.30	$ 1,348.80	16	0	$ 1,348.80		$ -		$ -		$ -
700-20-80	SINGLE POST SIGN (REMOVE)	AS	14	$ 10.54	$ 147.56	14	0	$ 147.56		$ -		$ -		$ -
700-21-11	MULTI-POST SIGN (F&I) (50 OR LESS)	AS	2	$ 3,371.91	$ 6,743.82	2	0	$ 6,743.82		$ -		$ -		$ -
705-10-3	OBJECT MARKER (POST MOUNTED) (TYPE 3)	EA	9	$ 105.37	$ 948.33	15	6	$ 1,580.55		$ -	6.00	$ 632.22		$ -
700-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	728	$ 3.16	$ 2,300.48	728	0	$ 2,300.48		$ -		$ -		$ -
711-11-111	THERMOPLASTIC (WHITE) (SOLID) (6")	NM	3.08	$ 3,477.28	$ 10,710.02	3	0	$ 10,710.02		$ -		$ -		$ -
711-11-122	THERMOPLASTIC (WHITE) (SOLID) (8")	LF	1,148	$ 0.90	$ 1,033.20	1,148	0	$ 1,033.20		$ -		$ -		$ -
711-11-123	THERMOPLASTIC (WHITE) (SOLID) (12")	LF	3,050	$ 1.44	$ 4,392.00	2,933	-117	$ 4,223.52		$ -	(117.00)	$ (168.48)		$ -
711-11-124	THERMOPLASTIC (WHITE) (SOLID) (18")	LF	51	$ 2.05	$ 104.55	51	0	$ 104.55		$ -		$ -		$ -

711-11-125	THERMOPLASTIC (WHITE) (SOLID) (24")	LF	514	$ 2.90	$ 1,490.60	494	-20	$ 1,432.60		$ -	(20.00)	$ (58.00)		$ -
711-11-131	THERMOPLASTIC (WHITE) (SKIP) (6")	GM	2.16	$ 895.60	$ 1,934.63	2	0	$ 1,934.63		$ -		$ -		$ -
711-11-170	THERMOPLASTIC (WHITE) (ARROW)	EA	81	$ 42.15	$ 3,414.15	80	-1	$ 3,372.00		$ -	(1.00)	$ (42.15)		$ -
711-11-211	THERMOPLASTIC (YELLOW) (SOLID) (6")	NM	2.99	$ 3,477.28	$ 10,397.07	3	0	$ 10,397.07		$ -		$ -		$ -
711-11-224	THERMOPLASTIC (YELLOW) (SOLID) (18")	LF	126	$ 2.05	$ 258.30	126	0	$ 258.30		$ -		$ -		$ -
TOTAL SIGNING & PAVEMENT MARKINGS					$ 57,151.71			$ 57,747.12		$ -		$ 595.41		$ -

VII. UTILITY - WATER

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
199-2	SURVEY WORK & PREPARATION OF AS-BUILT DRAWINGS (WATER)	LS	1	$ 4,445.84	$ 4,445.84	1	0	$ 6,392.84		$ -	0.44	$ 1,947.00		$ -
1050-2A	CONNECT TO EXISTING (<10")	EA	43	$ 338.61	$ 14,560.23	44	1	$ 14,898.84	1.00	$ 338.61		$ -		$ -
1050-2B	CONNECT TO EXISTING (>12")	EA	18	$ 875.67	$ 15,762.06	22	4	$ 19,264.74	4.00	$ 3,502.68		$ -		$ -
1050-11-223A	UTILITY PIPE , F&I, 6" WM	LF	1,218	$ 18.75	$ 22,837.50	1368	150	$ 25,650.00	140.00	$ 2,625.00	10.00	$ 187.50		$ -
1050-11-224A	UTILITY PIPE, F&I, 8" WM	LF	116	$ 21.08	$ 2,445.28	116	0	$ 2,445.28		$ -		$ -		$ -
1050-11-224B	UTILITY PIPE, F&I,12" WM	LF	177	$ 32.14	$ 5,688.78	177	0	$ 5,688.78		$ -		$ -		$ -
1050-11-224C	UTILITY PIPE, F&I,16" WM	LF	107	$ 49.94	$ 5,343.58	124	17	$ 6,192.56	17.00	$ 848.98		$ -		$ -
1050-11-324	UTILITY PIPE, F&I,16" HDPE DR11 WM (DIRECTIONAL BORE)	LF	180	$ 152.22	$ 27,399.60	180	0	$ 27,399.60		$ -		$ -		$ -
1055-11A	WM FITTINGS (F&I) (COMPACT)	TN	6.000	$ 8,684.99	$ 52,109.94	6	0	$ 52,175.08		$ -	0.0075	$ 65.14		$ -
1080-11-303	6" WET TAPPING SLEEVE & VALVE	EA	0	$ 2,915.00	$ -	5	5	$ 14,575.00	5.00	$ 14,575.00		$ -		$ -
1080-11-304	UTILITY FIXTURES, F&I, 6" GATE VALVE ASSEMBLY	EA	11	$ 922.54	$ 10,147.94	12	1	$ 11,070.48	1.00	$ 922.54		$ -		$ -
1080-11-306	UTILITY FIXTURE, F&I, 6" ARV (AUTOMATIC)	EA	2	$ 2,332.52	$ 4,665.04	0	(2)	$ -	(2.00)	$ (4,665.04)		$ -		$ -
1080-11-403	16" x 6" WET TAPPING SLEEVE & VALVE	EA	2	$ 3,113.98	$ 6,227.96	3	1	$ 9,341.94	1.00	$ 3,113.98		$ -		$ -
1080-11-404A	UTILITY FIXTURE, F&I, 8" GATE VALVE ASSEMBLY	EA	1	$ 1,215.72	$ 1,215.72	1	0	$ 1,215.72		$ -		$ -		$ -
1080-11-404B	UTILITY FIXTURE, F&I, 12" BUTTERFLY VALVE ASSEMBLY	EA	1	$ 1,820.82	$ 1,820.82	0	(1)	$ -	(1.00)	$ (1,820.82)		$ -		$ -
1080-11-711	SAMPLE POINT	EA	47	$ 295.71	$ 13,898.37	52	5	$ 15,376.92	4.00	$ 1,182.84	1.00	$ 295.71		$ -
1050-15-11A	UTILITY FIXTURE, ADJUST WATER MAIN VALVE	EA	35	$ 280.53	$ 9,818.55	35	0	$ 9,818.55	1.00	$ 280.53	(1.00)	$ (280.53)		$ -
1080-15-12	UTILITY FIXTURE, ADJUST WATER METER BOX	EA	3	$ 153.72	$ 461.16	2	(1)	$ 307.44	(1.00)	$ (153.72)		$ -		$ -
1080-15-13	UTILITY FIXTURE, ADJUST AIR RELEASE VALVE	EA	5	$ 394.98	$ 1,974.90	1	(4)	$ 394.98	(4.00)	$ (1,579.92)		$ -		$ -
1080-15-14	UTILITY FIXTURE, ADJUST BLOWOFF ASSEMBLY	EA	5	$ 210.51	$ 1,052.55	6	1	$ 1,263.06	1.00	$ 210.51		$ -		$ -
1080-16-11A	UTILITY FIXTURE, REMOVE WM VALVE	EA	13	$ 92.29	$ 1,199.77	12	(1)	$ 1,107.48	(1.00)	$ (92.29)		$ -		$ -
1644-112-08	FIRE HYDRANT ASSEMBLY, F&I	EA	6	$ 3,268.43	$ 19,610.58	4	(2)	$ 13,073.72	(2.00)	$ (6,536.86)		$ -		$ -
1644-300	FIRE HYDRANT ONLY, F&I	EA	0	$ 2,725.00	$ -	5	5	$ 13,625.00	5.00	$ 13,625.00		$ -		$ -
1644-700	FIRE HYDRANT ADJUST	EA	5	$ 1,142.79	$ 5,713.95	4	(1)	$ 4,571.16		$ -	(1.00)	$ (1,142.79)		$ -
1644-800	FIRE HYDRANT, RELOCATE	EA	1	$ 857.74	$ 857.74	2	1	$ 1,715.48		$ -	1.00	$ 857.74		$ -
1099-11-211	WATER SERVICE CONNECTION (SHORT/SINGLE)	EA	1	$ 338.08	$ 338.08	2	1	$ 676.16		$ -	1.00	$ 338.08		$ -
1099-11-212	WATER SERVICE CONNECTION (SHORT/DOUBLE)	EA	0	$ 814.00	$ -	2	2	$ 1,628.00	2.00	$ 1,628.00		$ -		$ -
1099-11-121	WATER SERVICE CONNECTION (LONG/SINGLE)	EA	0	$ 1,209.50	$ -	1	1	$ 1,209.50	1.00	$ 1,209.50		$ -		$ -
1099-11-222	WATER SERVICE CONNECTION (LONG/DOUBLE)	EA	0	$ 1,272.25	$ -	3	3	$ 3,816.75	3.00	$ 3,816.75		$ -		$ -
COR 16R3	12" x 6" WET TAPPING SLEEVE & VALVE	EA	0	$ 3,331.58	$ -	1	1	$ 3,331.58		$ -	1.00	$ 3,331.58		$ -
TOTAL UTILITY - WATER					$ 229,695.94			$ 268,226.64		$ 33,031.27		$ 5,599.43		$ -

VIII. UTILITY - SEWER

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Revised Quantity	Quantity Difference	Final Pay Amount	Change Order #1 Quantity	Change Order #1 Amount	Change Order #2 Quantity	Change Order #2 Amount	Change Order #3 Quantity	Change Order #3 Amount
199-3	SURVEY WORK & PREPARATION OF AS-BUILT DRAWINGS (SEWER)	LS	1	$ 4,445.84	$ 4,445.84	1	0	$ 5,743.84		$ -	0.29	$ 1,298.00		$ -
1050-2C	CONNECT TO EXISTING (<10" LPFM/FM)	EA	44	$ 574.75	$ 25,289.00	47	3	$ 27,013.25	3.00	$ 1,724.25		$ -		$ -
1050-2D	CONNECT TO EXISTING (>12" LPFM/FM)	EA	24	$ 1,042.86	$ 25,028.64	22	(2)	$ 22,942.92	(2.00)	$ (2,085.72)		$ -		$ -
1050-11-222A	UTILITY PIPE, F&I, 2" LPFM	LF	53	$ 39.08	$ 2,071.24	148	95	$ 5,783.84	95.00	$ 3,712.60		$ -		$ -
1050-11-222B	UTILITY PIPE, F&I, 2.5" LPFM	LF	212	$ 25.35	$ 5,374.20	251	39	$ 6,362.85	39.00	$ 988.65		$ -		$ -
1050-11-222C	UTILITY PIPE, F&I, 3" LPFM	LF	311	$ 16.73	$ 5,203.03	312	1	$ 5,219.76	1.00	$ 16.73		$ -		$ -
1050-11-223B	UTILITY PIPE, F&I, 4" LPFM	LF	147	$ 17.44	$ 2,563.68	104	(43)	$ 1,813.76	(43.00)	$ (749.92)		$ -		$ -
1050-11-223C	UTILITY PIPE, F&I, 6" LPFM	LF	118	$ 14.71	$ 1,735.78	118	0	$ 1,735.78		$ -		$ -		$ -
1050-11-223D	UTILITY PIPE, F&I, 16" FM	LF	390	$ 43.71	$ 17,046.90	396	6	$ 17,309.16	6.00	$ 262.26		$ -		$ -
1055-11B	LPFM/FM FITTINGS (F&I) (COMPACT)	TN	6.000	$ 13,893.28	$ 82,159.68	6	0	$ 82,159.68		$ -		$ -		$ -
1055-11-272A	2" CLEANOUT ASSEMBLY	EA	0	$ 2,050.00	$ -	1	1	$ 2,050.00	1.00	$ 2,050.00		$ -		$ -
1055-11-272B	3" CLEANOUT ASSEMBLY	EA	1	$ 2,214.52	$ 2,214.52	1	0	$ 2,214.52		$ -		$ -		$ -
1055-14	CLEANOUT ASSEMBLY, RELOCATE	EA	2	$ 718.33	$ 1,436.66	4	2	$ 2,873.32	2.00	$ 1,436.66		$ -		$ -
1055-15	CLEANOUT ASSEMBLY, ADJUST	EA	24	$ 319.36	$ 7,664.64	21	(3)	$ 6,706.56	(3.00)	$ (958.08)		$ -		$ -
1055-16	CLEANOUT ASSEMBLY, REMOVE	EA	1	$ 155.16	$ 155.16	2	1	$ 310.32	1.00	$ 155.16		$ -		$ -
1080-11-48	UTILITY FIXTURE, F&I, ARV, FM	EA	0	$ 3,755.00	$ -	1	1	$ 3,755.00	1.00	$ 3,755.00		$ -		$ -
1080-11-204	UTILITY FIXTURE, F&I, 3" GATE VALVE ASSEMBLY	EA	1	$ 865.37	$ 865.37	1	0	$ 865.37		$ -		$ -		$ -
1080-14-11	UTILITY FIXTURE, RELOCATE LPFM/FM VALVE	EA	3	$ 390.64	$ 1,171.92	5	2	$ 1,953.20	2.00	$ 781.28		$ -		$ -
1080-15-11B	UTILITY FIXTURE, ADJUST LPFM/FM VALVE	EA	29	$ 314.92	$ 9,132.68	26	(3)	$ 8,187.92	(3.00)	$ (944.76)		$ -		$ -
1080-15-46	UTILITY FIXTURE, ADJUST ARV FM	EA	0	$ 267.50	$ -	1	1	$ 267.50	1.00	$ 267.50		$ -		$ -
1080-16-11B	UTILITY FIXTURE REMOVE LPFM/FM VALVE	EA	1	$ 155.16	$ 155.16	1	0	$ 155.16		$ -		$ -		$ -
1099-11-111	SEWER SERVICE CONNECTION (SHORT/SINGLE)	EA	0	$ 781.00	$ -	1	1	$ 781.00	1.00	$ 781.00		$ -		$ -
1099-11-112	SEWER SERVICE CONNECTION (SHORT/DOUBLE)	EA	0	$ 830.00	$ -	2	2	$ 1,660.00	1.00	$ 830.00	1.00	$ 830.00		$ -
1099-11-122	SEWER SERVICE CONNECTION (LONG/DOUBLE)	EA	0	$ 1,342.00	$ -	4	4	$ 5,368.00	4.00	$ 5,368.00		$ -		$ -
1099-11-200	LPFM SERVICE ADJUSTMENTS	EA	0	$ 1,160.50	$ -	3	3	$ 3,481.50		$ -	3.00	$ 3,481.50		$ -
	DEFLECT LPFM AT STATION 387+40	LS	0	$ 2,216.17	$ -	1	1	$ 2,216.17		$ -	1.00	$ 2,216.17		$ -
TOTAL UTILITY - SEWER					$ 193,714.10			$ 216,930.38		$ 17,390.61		$ 7,825.67		$ -

Becker Road Segment #3 Summary

ITEM NO.	DESCRIPTION	Plan Total Cost	Revised Total Cost	Cost Difference	Change Order #1 Amount	Change Order #2 Amount	Change Order #3 Amount
I	GENERAL ITEMS	$ 872,703.79	$ 891,653.82	$ 18,949.83	$ 13,760.48	$ 3,406.21	$ 1,763.14
II	ROADWAY	$ 3,578,165.01	$ 3,599,684.07	$ 21,519.06	$ -	$ 14,359.64	$ 7,159.42
III	STRUCTURES	$ 246,491.77	$ 238,409.07	$ (8,082.70)	$ -	$ (8,601.93)	$ 519.23
IV	DRAINAGE	$ 1,028,810.34	$ 1,049,404.59	$ 20,594.25	$ 4,411.44	$ 13,391.14	$ 2,791.67
V	PLANTING & GRASSING	$ 344,782.88	$ 279,869.42	$ (64,913.46)	$ -	$ (69,325.66)	$ 4,412.20
VI	SIGNING AND PAVEMENT MARKINGS	$ 57,151.71	$ 57,747.12	$ 595.41	$ -	$ 595.41	$ -
VII	UTILITY – WATER	$ 229,695.94	$ 268,226.64	$ 38,530.70	$ 33,031.27	$ 5,599.43	$ -
VIII	UTILITY - SEWER	$ 193,714.10	$ 218,930.38	$ 25,216.28	$ 17,380.61	$ 7,835.67	$ -
	Grand Total	$ 6,551,415.54	$ 6,603,924.90	$ 52,509.37	$ 68,593.80	$ (32,750.09)	$ 16,665.66

Items in CO #1 highlighted in Blue are included in COR #003R2. Other Utility items are reconciliation between IFB Plans and AFC Plans per Dave Koeppen.

CHANGE ORDER REQUEST

Project:
Becker Road Widening – Segment 3
(Contract # 20100118)

COR#: 024

Date: 10/4/11

Client:

City of Port St Lucie
121 SW Port St Lucie Blvd
Port St Lucie, FL 34984

Project Number: 1310-001

Contract Date: 2/28/11

Description: Western Milburn Driveway

The contract is changed as follows: To add a pay item to add a 6" thick driveway entrance and drive on Milburn Circle to create a circular drive as requested by the City per the attached plan.

Item	Description	Qty	Unit	Unit Price	Amount
1	Site Preparation and Restoration	1	LS	$1,783.14	$1,783.14
2	6" Concrete Driveway	56	SY	$33.47	$1,874.32
					$0.00
					$0.00
					$0.00
				TOTAL:	**$3,657.46**

NOTES:

1. Felix Associates not responsible for ponding water due to grades less than 2%.
2. It is assumed that there are no private utilities in conflict with the proposed new construction. Should unknown utilities be encountered, additional costs will be tracked on Time & Material. The replacement of a single irrigation head and 25 ft of lateral line is included.

AECOM	Felix Associates of Florida, Inc	City of Port St Lucie
Engineer	*Contractor*	*Owner*
3550 SW Corporate Pkwy, Palm City, FL 34990	8526 SW Kansas Ave, Stuart, FL 34997	121 Port St Lucie Blvd, Port St Lucie, FL 34984
Address	*Address* Ben Miller Digitally signed by Ben Miller DN: cn=Ben Miller, o=Felix Associates, ou, email=ben@felixassociates.net, c=US Date: 2011.10.04 17:29:23 -04'00'	*Address*
BY (Signature)	*BY (Signature)* Ben Miller	*BY (Signature)*
(Print Name)	*(Print Name)* October 4, 2011	*(Print Name)*
Date	*Date*	*Date*

8526 SW KANSAS AVE, STUART, FL 34997 ☎ (772) 220-2722

PROJECT #	DESCRIPTION			
1310-001	Additional driveway work at Western Milburn			
BECKER ROAD - SEGMENT 3	Date : TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	3.00	0.00	$55.22	$55.22	$165.65
Operator	1.00	3.00	0.00	$30.06	$45.08	$90.17
Labor	1.00	3.00	0.00	$20.54	$30.80	$61.61
Truck Driver	1.00	1.00	0.00	$23.26	$34.88	$23.26
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$340.68*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	3.00		$39.39
CAT SKID STEER	1.00	$17.31	$16.90	3.00		$102.62
KOMATSU WB 140 COMBINATION	1.00	$12.73	$19.10	3.00		$95.48
DUMP TRUCK - TRIAXLE	1.00	$25.73	$58.00	1.00		$83.73
WACKER VIBRATORY PLATE COMPACTOR	1.00	$3.51	$3.05	2.00		$13.12
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$334.33*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
Culpepper & Terpening - Layout / As-builts	1.00	LS	$750.00			$750.00
Nature's Keeper - Irrigation Head	1.00	LS	$150.00			$150.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$900.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$1,575.01**
Mark-up on Labor (17.5 %)	17.50%	$59.62
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$58.51
Mark-up on Subcontractors (10 %)	10.00%	$90.00
	Grand Total :	**$1,783.14**

REMARKS :

Cost to strip grass and topsoil 6" in order to prepare the installation of a 6" concrete driver per contract unit pricing. Also includes the replacement of a single irrigation head and 25 ft of lateral line. If additional irrigation work is required, it will need to be performed on a T&M basis not to exceed $350 plus markup.

Ben Miller

From: Tom Kiernan [tkiernan@ct-eng.com]
Sent: Tuesday, September 27, 2011 9:25 AM
To: Andrew Culpepper
Cc: Ben Miller
Subject: RE: Becker Road Segment 3 - Milburn Driveway West Plans
Attachments: 801-4 - Seg03 - 009 Plan-Profiles - 01-10 PP-07 (1).pdf; Milburn Driveway West CADD Files (09.26.11).zip; 801-4 - Seg03 - 009 Plan-Profiles - 01-10 PP-06 (1).pdf

Andrew,

RE: Milburn Driveway West Plans

I've reviewed the attached plans for the additional driveway and estimate a budget of $750.00 to support the survey.

This would include the following;

- Import and setup the revised Autocad files
- Calculate field staking data
- Stake and grade the edge of driveway
- Field locate for as-built
- Update / sign & seal the as-built drawings

As always let me know if you have questions regarding this info
Thanks,
Tom

Thomas P. Kiernan, P.S.M.
Senior Project Manager
Culpepper and Terpening, Inc.
Consulting Engineers and Land Surveyors
2980 South 25th Street
Ft. Pierce, FL 34981
Telephone 772-464-3537 Ext. *206
Facsimile 772-467-4967
Cellular 772-370-8291
tkiernan@ct-eng.com

From: Ben Miller [mailto:bmiller@felixassociates.net]
Sent: Monday, September 26, 2011 1:35 PM
To: Tom Kiernan
Cc: 'Andrew Culpepper '
Subject: FW: Becker Road Segment 3 - Milburn Driveway West Plans

Tom,
The City would like to add another driveway on the west end of Milburn Circle. Please provide Andrew a proposal to perform the layout and as-builts for this change per the attached plans.

Thanks,
Ben

Ben Miller

Felix Associates
8526 SW Kansas Avenue
Stuart, FL 34997
Office: (772) 220-2722
Fax: (772) 220-2728
Cell: (772) 201-3403
bmiller@felixassociates.net

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From: Stocton, Heath [mailto:Heath.Stocton@aecom.com]
Sent: Monday, September 26, 2011 11:24 AM
To: Andrew Culpepper
Cc: Ben Miller; Scott, Randall; Bouley, Jeff; Bradley, Brittany J.; Steve Jungjohan; Thomas Salvador; Stocton, Heath
Subject: Becker Road Segment 3 - Milburn Driveway West Plans

Andrew,

Please find attached the revised plans showing the additional driveway to be constructed on the western end of Milburn Circle. If you have any questions or require anything else, don't hesitate to contact me.

Regards,

Heath Stocton, PE
Project Engineer
D 772.219.2921
C 772.214.9782
heath.stocton@aecom.com

AECOM
3550 SW Corporate Parkway
Palm City, Florida 34990
T 772.286.3883 F 772.286.3925
www.aecom.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1809 / Virus Database: 2085/4520 - Release Date: 09/26/11

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Checked by AVG - www.avg.com
Version: 2012.0.1809 / Virus Database: 2085/4522 - Release Date: 09/27/11

Ben Miller

From: Todd McColgin [Todd@coatsconcrete.com]
Sent: Wednesday, September 28, 2011 7:03 AM
To: 'Ben Miller'
Cc: 'Andrew Culpepper'
Subject: RE: Becker Road Segment 3 - Milburn Driveway West Plans

Ben/Andrew-

Go ahead with current pricing.

Only potential issue I see is concrete truck access to northernmost section of driveway.

If slope and distance require a pump, I would count on $300 (+/-) extra.

Thanks,

Todd

Todd McColgin
Vice President

COATS CONCRETE, INC.
1305 West 53rd St, #1
Mangonia Park, FL 33407
T: 561-275-7440
F: 561-275-7444
www.coatsconcrete.com
todd@coatsconcrete.com

From: Ben Miller [mailto:bmiller@felixassociates.net]
Sent: Tuesday, September 27, 2011 4:23 PM
To: Todd McColgin
Cc: 'Andrew Culpepper'
Subject: FW: Becker Road Segment 3 - Milburn Driveway West Plans

Todd,
See attached driveway add to Becker Road. Can you confirm that you will honor your 6" thick concrete price for this? It appears to be about 55 SY. Let us know if you foresee any additional costs.
Thanks,
Ben

Ben Miller

Felix Associates
8526 SW Kansas Avenue
Stuart, FL 34997
Office: (772) 220-2722

Fax: (772) 220-2728
Cell: (772) 201-3403
bmiller@felixassociates.net

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From: Stocton, Heath [mailto:Heath.Stocton@aecom.com]
Sent: Monday, September 26, 2011 11:24 AM
To: Andrew Culpepper
Cc: Ben Miller; Scott, Randall; Bouley, Jeff; Bradley, Brittany J.; Steve Jungjohan; Thomas Salvador; Stocton, Heath
Subject: Becker Road Segment 3 - Milburn Driveway West Plans

Andrew,

Please find attached the revised plans showing the additional driveway to be constructed on the western end of Milburn Circle. If you have any questions or require anything else, don't hesitate to contact me.

Regards,

Heath Stocton, PE
Project Engineer
D 772.219.2921
C 772.214.9782
heath.stocton@aecom.com

AECOM
3550 SW Corporate Parkway
Palm City, Florida 34990
T 772.286.3883 F 772.286.3925
www.aecom.com

No virus found in this message.
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Version: 2012.0.1809 / Virus Database: 2085/4520 - Release Date: 09/26/11

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Version: 2012.0.1809 / Virus Database: 2085/4522 - Release Date: 09/27/11

Ben Miller

From: Stew [Stewart@natures-keeper.com]
Sent: Tuesday, October 04, 2011 5:27 PM
To: bmiller@felixassociates.net
Subject: Becker3 Ir repair

Good afternoon Ben the min price to replace a sprinkler head with 25ft of lateral line would be 150$ if additional work is needed it would have to be done on aT@M basis.It hard to determine exactly what will be needed until you start excavation .The worst case scenario should be to not exceed 500$ .Thank you.

--
Stewart Feketa
Natures Keeper Inc.
Ft. Pierce Fl, Fl.
772-467-1230
Stewart@natures-keeper.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1809 / Virus Database: 2085/4537 - Release Date: 10/04/11

CHANGE ORDER REQUEST

Project:
Becker Road Widening – Segment 3
(Contract # 20100118)

COR#: 025

Date: 10/26/11

Client:
City of Port St Lucie
121 SW Port St Lucie Blvd
Port St Lucie, FL 34984

Project Number: 1310-001

Contract Date: 2/28/11

Description: Railroad Grading, Sod & Hydroseeding

The contract is changed as follows: To add a pay item to remove existing asphalt driveway, grade open areas and hydroseed. Sod is for location where asphalt drive was removed.

Item	Description	Qty	Unit	Unit Price	Amount
1	Railroad Site Grading & Hydroseeding	4,800	SY	$0.85	$4,080.00
2	Sod (Railroad Drive Area)(60'x33')	220	SY	$1.51	$332.20
					$0.00
					$0.00
					$0.00
				TOTAL:	**$4,412.20**

NOTES:
1. See Remarks section.

AECOM	Felix Associates of Florida, Inc	City of Port St Lucie
Engineer	*Contractor*	*Owner*
3550 SW Corporate Pkwy, Palm City, FL 34990	8526 SW Kansas Ave, Stuart, FL 34997	121 Port St Lucie Blvd, Port St Lucie, FL 34984
Address	*Address* Ben Miller Digitally signed by Ben Miller DN: cn=Ben Miller, o=Felix Associates, ou, email=bmiller@felixassociates.net, c=US Date: 2011.10.25 14:55:37 -04'00'	*Address*
BY (Signature)	*BY (Signature)* Ben Miller	*BY (Signature)*
(Print Name)	*(Print Name)* October 26, 2011	*(Print Name)*
Date	*Date*	*Date*

8526 SW KANSAS AVE, STUART, FL 34997 ☎ (772) 220-2722

PROJECT #	DESCRIPTION			
1310-001	Grading and Hydroseeding at Railroad Property			
BECKER ROAD - SEGMENT 3	Date : TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	2.00	0.00	$55.22	$55.22	$110.43
Operator	2.00	8.00	0.00	$30.06	$45.08	$480.90
Labor	1.00	8.00	0.00	$20.54	$30.80	$164.29
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$755.62*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	2.00		$26.26
KOMATSU WA 320 LOADER	1.00	$22.64	$29.35	8.00		$415.91
CAT SKID STEER	1.00	$17.31	$16.90	8.00		$273.64
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$715.81*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
Nature's Keeper - Hydroseeding Only	4800.00	SY	$0.45			$2,160.00
(240'x180')	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$2,160.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$3,631.42**
Mark-up on Labor (17.5 %)	17.50%	$132.23
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$125.27
Mark-up on Subcontractors (10 %)	10.00%	$216.00
	Grand Total :	**$4,104.92**

REMARKS :

Cost to spread sand and grade areas adjacent to Railroad Property in preparation for hydroseeding. Existing site materials (sand) to be used to rough grade area previously cleared. No soil treatment is included. Hydroseeding to occur under one mobilization. No watering or maintenance is included. Due to no irrigation, growth is not guaranteed.

Natures Keeper Inc.
3795 Sneed Rd.
Ft. Pierce Fl 34945
(772)467-1230

Date: 10/19/2011

Becker Rd. Hydroseed

BID # 1219

DESCRIPTION	SIZE/REMARKS	UNIT	QTY	UNIT Price	EXTENDED
Hydroseed	Bahia and Cover Crop	SF		$0.05	$ -
TOTAL					**$ -**

This proposal price is based on performing the scope of work as detailed here in. If the prime contractor or owner chooses to eliminate any of this scope the proposals unit prices may be subject to change.
MOT is to be provided by the Prime Contractor, Permits and fee by others.
Excavation and removal of unsuitable material from planting areas is to be performed by others.
Planting beds are to be properly graded to +/- .1'' and free of debris, ready to receive landscape material.
No post planting hand water has been included. If hand watering is required an additional charges may apply.
Minimum of 10,000 per Mobilization.
Seeding to comply with DOT section 570-3.6

This proposal is valid for 90 days. Please feel free to contact our office to discuss these qualifications

Nature's Keeper looks forward to servicing your landscape & irrigation needs for this and many other future projects. Please contact our office at your convenience.

Best Regards
Natures Keeper

CHANGE ORDER REQUEST

Project:
Becker Road Widening – Segment 3
(Contract # 20100118)

COR#: 027R1

Date: 10/26/11

Client:

City of Port St Lucie
121 SW Port St Lucie Blvd
Port St Lucie, FL 34984

Project Number: 1310-001

Contract Date: 2/28/11

Description: Flume at Quads

The contract is changed as follows: To increase existing contract pay items and add pay items to relocate structure G-10 construct a concrete swale, cut structure G-10A and G-51, re-grade sub-grade/fine grade.

Item	Description	Qty	Unit	Unit Price	Amount
1	Demo F-Curb	1	LS	$519.23	$519.23
2	Relocate Structure G-10	1	LS	$1,930.40	$1,930.40
3	Cut Structures G-10A, G-51, & Headwall	1	LS	$861.27	$861.27
4	Prep Curb & Swale Pad	1	LS	$1,073.91	$1,073.91
5	Subgrade Sidewalk	1	LS	$423.51	$423.51
6	Form & Pour Curb & Swale	1	LS	$3,712.50	$3,712.50
7	Mill Roadway	42	LS	$1.79	$75.18
				TOTAL:	**$8,596.00**

NOTES:

1. No changes to as-built line work has been included. Should this be required, additional costs will apply.

AECOM	**Felix Associates of Florida, Inc**	**City of Port St Lucie**
Engineer	*Contractor*	*Owner*
3550 SW Corporate Pkwy, Palm City, FL 34990	8526 SW Kansas Ave, Stuart, FL 34997	121 Port St Lucie Blvd, Port St Lucie, FL 34984
Address	*Address* Ben Miller Digitally signed by Ben Miller DN: cn=Ben Miller, o=Felix Associates, ou, email=bmiller@felixassociates.net, c=US Date: 2011.10.26 12:14:56 -04'00'	*Address*
BY (Signature)	*BY (Signature)* Andrew Culpepper (by Ben Miller	*BY (Signature)*
(Print Name)	*(Print Name)*	*(Print Name)*
Date	October 26, 2011 *Date*	*Date*

8526 SW KANSAS AVE, STUART, FL 34997 ☎ (772) 220-2722

PROJECT #	DESCRIPTION			
1310-001	Demo Concrete Curb			
BECKER ROAD - SEGMENT 3	Date : TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	2.00	0.00	$55.22	$55.22	$110.43
Operator	1.00	2.00	0.00	$30.06	$45.08	$60.11
Labor	2.00	2.00	0.00	$20.54	$30.80	$82.14
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$252.69*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
KOMATSU WA 320 LOADER	1.00	$22.64	$29.35	2.00		$103.98
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	2.00		$26.26
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$130.23*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
Concrete Haul Off	1.00	LD	$63.00			$63.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$63.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$445.92**
Mark-up on Labor (17.5 %)	17.50%	$44.22
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$22.79
Mark-up on Subcontractors (10 %)	10.00%	$6.30
	Grand Total :	**$519.23**

REMARKS :

PROJECT #	DESCRIPTION			
1310-001	Relocate Structure At Quads			
BECKER ROAD - SEGMENT 3	Date : TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	4.00	0.00	$55.22	$55.22	$220.86
Operator	2.00	4.00	0.00	$30.06	$45.08	$240.45
Pipelayer	1.00	4.00	0.00	$25.98	$38.96	$103.90
Labor	3.00	4.00	0.00	$20.54	$30.80	$246.43
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Operator	1.00	2.00	0.00	$30.06	$45.08	$60.11
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$871.76*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
KOMATSU 200 EXCAVATOR	1.00	$38.61	$42.70	4.00		$325.25
KOMATSU WA 250 LOADER	1.00	$19.39	$24.80	4.00		$176.76
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	4.00		$52.51
UTILITY TRAILER W/ SMALL TOOLS	1.00	$3.81	$4.25	4.00		$32.24
WACKER JUMPING JACK	1.00	$2.94	$2.50	4.00		$21.76
	0.00	$0.00	$0.00	0.00		$0.00
KOMATSU 200 EXCAVATOR	1.00	$38.61	$42.70	2.00		$162.62
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$771.14*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$1,642.90**
Mark-up on Labor (17.5 %)	17.50%	$152.56
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$134.95
Mark-up on Subcontractors (10 %)	10.00%	$0.00
	Grand Total :	**$1,930.40**

REMARKS :
Additional two hour for PC200 to move hoe to Quads

PROJECT #	DESCRIPTION			
1310-001	Notch Structure & Cut Headwall			
BECKER ROAD - SEGMENT 3	Date : TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	1.00	0.00	$55.22	$55.22	$55.22
Operator	1.00	1.00	0.00	$30.06	$45.08	$30.06
Labor	2.00	1.00	0.00	$20.54	$30.80	$41.07
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$126.34*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
KOMATSU WB 140 COMBINATION	1.00	$12.73	$19.10	1.00		$31.83
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	1.00		$13.13
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$44.95*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
Saw Cutting Contractor	1.00	LS	$600.00			$600.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$600.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$771.30**
Mark-up on Labor (17.5 %)	17.50%	$22.11
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$7.87
Mark-up on Subcontractors (10 %)	10.00%	$60.00
	Grand Total :	**$861.27**

REMARKS :

The saw cutting cotractor will cut G-51 6" deep x 36" wide, G-10A 6" deep x 54" wide, Western corner of old headwall at Quads on the south side of Becker Road 1' deep x 5' wide.

PROJECT #	DESCRIPTION			
1310-001	Prep Curb and Swale Subgrade			
BECKER ROAD - SEGMENT 3	Date :	TBD	Duration (Hrs) :	As Shown

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	4.00	0.00	$55.22	$55.22	$220.86
Operator	1.00	6.00	0.00	$30.06	$45.08	$180.34
Labor	2.00	4.00	0.00	$20.54	$30.80	$164.29
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$565.49*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
KOMATSU WA 320 LOADER	1.00	$22.64	$29.35	4.00		$207.95
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	4.00		$52.51
INGERSOLL-RAND SD 70 SD ROLLER	1.00	$17.82	$22.90	2.00		$81.45
WACKER VIBRATORY PLATE COMPACTOR	1.00	$3.51	$3.05	1.00		$6.56
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$348.48*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$913.97**
Mark-up on Labor (17.5 %)	17.50%	$98.96
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$60.98
Mark-up on Subcontractors (10 %)	10.00%	$0.00
	Grand Total :	**$1,073.91**

REMARKS :

PROJECT #	DESCRIPTION				
1310-001	Subgrade Sidewalk				
BECKER ROAD - SEGMENT 3	Date :	TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
Foreman	1.00	2.00	0.00	$55.22	$55.22	$110.43
Operator	1.00	2.00	0.00	$30.06	$45.08	$60.11
Labor	2.00	2.00	0.00	$20.54	$30.80	$82.14
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$252.69*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
CAT SKID STEER	1.00	$17.31	$16.90	1.00		$34.21
FORD F250 PICK-UP TRUCK	1.00	$4.58	$8.55	2.00		$26.26
INGERSOLL-RAND SD 70 SD ROLLER	1.00	$17.82	$22.90	1.00		$40.72
WACKER VIBRATORY PLATE COMPACTOR	1.00	$3.51	$3.05	1.00		$6.56
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$107.75*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$360.44**
Mark-up on Labor (17.5 %)	17.50%	$44.22
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$18.86
Mark-up on Subcontractors (10 %)	10.00%	$0.00
	Grand Total :	**$423.51**

REMARKS :

Subgrade for the sidewalk at the Quads was prepped and ready for sidewalk when Felix Associates was notified that changes would be made to the roadway design on the South half of Becker Rd from 384+00 to 385+50.

PROJECT #	DESCRIPTION			
1310-001	Curb & Swale			
BECKER ROAD - SEGMENT 3	Date : TBD	Duration (Hrs) :	As Shown	

A.- Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Time Rate	Overtime Rate	Total Amount
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
	0.00	0.00	0.00	$0.00	$0.00	$0.00
Sub Total						*$0.00*

B.-Equipment Requirements

Description	Qty	Rate/Hr	Operating Cost / Hr	Duration (Hrs)		Amount
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
	0.00	$0.00	$0.00	0.00		$0.00
Sub Total						*$0.00*

C.-Material

Description	Qty	Unit	Rate (w/tax)			Amount
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$0.00*

D.-Subcontractor Requirements

Subcontractor	Qty	Unit	Rate (w/tax)			Amount
Replace 25' of Curb	25.00	LF	$18.00			$450.00
Pour Concrete Swale 65'L X 5'W	65.00	LF	$45.00			$2,925.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
	0.00		$0.00			$0.00
Sub Total						*$3,375.00*

E.- Misc. Requirements

Description	Qty	Unit	Rate (w/tax)	Duration (hrs)		Amount
				0.00		$0.00
				0.00		$0.00
				0.00		$0.00
Sub Total						*$0.00*

Total		**$3,375.00**
Mark-up on Labor (17.5 %)	17.50%	$0.00
Mark-up on Materials (17.5%)	17.50%	$0.00
Mark-up on Equipment (17.5%)	17.50%	$0.00
Mark-up on Subcontractors (10 %)	10.00%	$337.50
	Grand Total :	**$3,712.50**

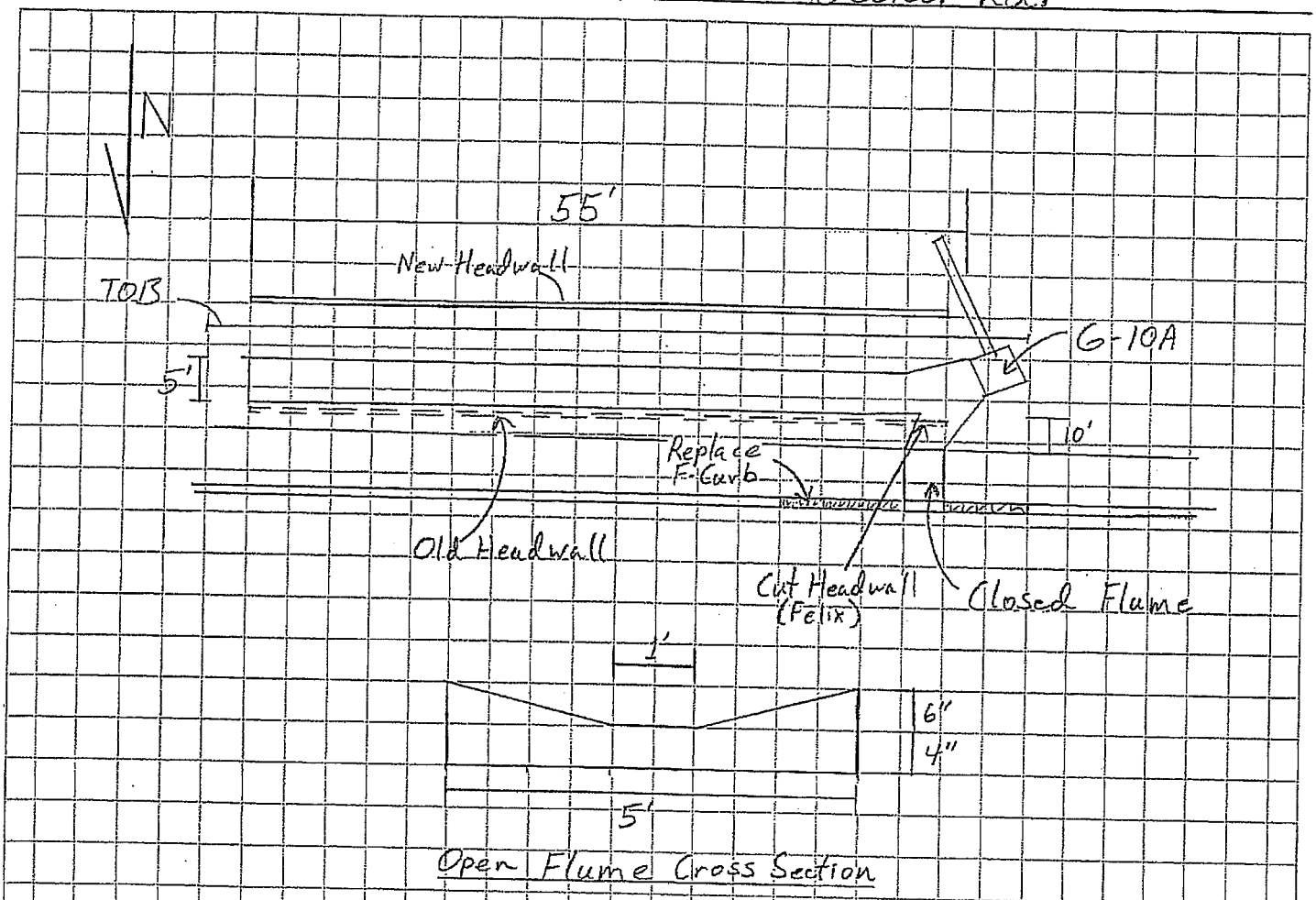
REMARKS :
Concrete work to be performed by Coats.

Rinker MATERIALS™
13100 NW 118th Avenue • Miami, FL 33178
(305) 822-8191 • (800) 654-9376 • FAX (305) 557-3086

DATE 10/21/11

PAGE 1 OF 1 PAGES

PROJECT Concrete Flume @ Quads on Becker Rd.



COATS CONCRETE, INC.

1305 West 53rd St.
Unit #1
Mangonia Park, FL 33407

Quote

Date
10/20/2011

Name / Address
Felix Associates LLC 8526 SW Kansas Ave. Stuart, FL 34997

Project

Becker Rd Phase 2

Customer Phone	Customer Fax
1-772-879-6510	1-772-879-7485

Terms
Net 30

Item	Description	Qty	U/M	Rate	Total
FL	Open Flume per drawing	65	LF	45.00	2,925.00
FC	Type 'F' Curb-hand work upcharge on contract price	25	LF	10.00	250.00
MISC-ITEM	Thickened edge for sidewalk (qty approx)	14	LF	14.00	196.00

Excavating, grading, MOT for all pay items by other.

Total $3,371.00

FOR ALL PUBLIC PROJECTS: RETAINAGE WITHHELD REDUCED TO 5% AFTER 6 MONTHS

P: 561-275-7440 E: todd@CoatsConcrete.com F: 561-275-7444
www.coatsconcrete.com