

PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST

COUNCIL ITEM 7F
DATE 8/22/11

Meeting Date: August 22, 2011

Public Hearing Ordinance Resolution Motion

Item: Contract #20090076 CO #3 – Becker Road Widening Ph II Segment 2 Construction Project

Recommended Action:

- 1) Approval of Change Order #3 for the Becker Road Widening Ph II Segment 2 construction with Dickerson Florida, Inc., in the amount of a net decrease of (\$123,415.90) and 0 additional calendar days. The new contract amount is \$4,574,973.16. The Contract period is 433 calendar days.

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

Summary Explanation/Background Information: This change order includes additional pay items as well as adjusting quantities for the final true-up of the project. The additional items include signing, drainage, maintenance of traffic, striping, sediment control best management practices, hauling of extra material off-site and asphalt adjustments. With the adjustment of quantities and the additional pay items, this change order resulted in a net decrease in the amount of (\$123,415.90). No additional calendar days were required for this change order. The Engineering Department requests approval of this change order.

Purchase is budgeted in the 315 Fund.

CO #2 Expenditure: (\$123,415.90) and 0 calendar days

Total Expenditure: \$4,574,973.16 and 433 calendar days

Department requests expenditure from the following:

Fund	360	Becker Road Widening Fund
Cost Center	4105	Operations
Object Code	various	various
Project	29014	Becker Rd. Segment 2

Director of OMB concurs with award: 

City Manager concurs with award: 

Department requests -0- minutes to make a presentation.

Submitted by: Patricia Roebing, PE

Date Submitted: 8/16/2011

Title: City Engineer

RECEIVED

AUG 15 2011

City Manager's Office



"A City for All Ages"

CITY OF PORT ST. LUCIE

Engineering Department

Accredited Agency – American Public Works Association



MEMORANDUM

TO: CHERYL SHANABERGER –DEPUTY DIRECTOR OF OMB
FROM: JAMES E. ANGSTADT, P.E. – CIVIL ENGINEER *JEA*
DATE: AUGUST 12, 2011
RE: BECKER ROAD WIDENING, SEGMENT 2
DICKERSON FLORIDA, INC.
CONTRACT NO. 20090076
CHANGE ORDER NO. 3 – FINAL TRUE-UP

Attached, please find a cover letter, a change order form and a quantity spreadsheet for Change Order No. 3(Final True-up) to Contract No. 20090076 with Dickerson Florida, Inc. related to the construction services associated with the Becker Road Widening, Segment 2 project. We are requesting authorization by the City Council for the City Manager to execute the necessary change order as noted above and as further described below.

Change Order No. 3 to the Becker Road, Segment 2 contract (No. 20090076) with Dickerson Florida, Inc. involves additional pay items as well as adjusting quantities for the final true-up of the project. The additional items include signing, drainage, maintenance of traffic striping, sediment control best management practices, hauling of extra material off-site and asphalt adjustments. The additional items when tallied with the adjustment of quantities will result in a decrease in the contract price. The change order items are further described in the attached change order form, cover letter and quantity spreadsheet. *This change order will result in an overall net decrease in the contract price of \$123,415.90 for a new contract total of \$4,574,973.16. This change order involves no additional days.* The funding source for this work is 360-4105-568810-29014.

We have coordinated with the CEI (AECOM) and Dickerson Florida, Inc. on the Change Order to the point where we feel it is acceptable and we recommend it for approval. Please schedule Change Order No. 3 for presentation at the next available City Council meeting for their consideration. If additional documentation is needed, or if you have any questions, please do not hesitate to contact me.

/jea

c: Jesus Merejo, Utility Systems Director
Patricia Roebling, P.E., City Engineer
Kim Graham, P.E., Assistant City Engineer
David Pollard, Director of OMB
Sue Walsh, Budget Specialist

S:\projects\Becker Road Widening - Turnpike to I95\Phase II- Segment 2-4\5.0 Construction\5.1 Contract Documents\5.1.6 Seg 2 Dickerson\11-08-12
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AECOM 772 286 3883 tel
3550 S.W. Corporate Parkway 772 286 3925 fax
Palm City, Florida 34990
www.aecom.com

August 4, 2011

Mr. James Angstadt, P.E.
Civil Engineer
City of Port St. Lucie
Engineering Department
121 S.W. Port St. Lucie Blvd
Port St. Lucie, FL 34984

RE: DICKERSON - CHANGE ORDER #3 – FINAL TRUE UP CHANGE ORDER

Project: Becker Road – Segment II
Description: Tacoma St. (Sta. 303+60) to Crawfish Dr. (Sta. 353+00)
Contract #: 20090076 (Engineering) / 24.0009 (Utilities)
Prime Contractor: Dickerson Florida, Inc.

Dear Mr. Angstadt,

The following letter is a request for your concurrence of Dickerson's Change Order No. 3 to the Becker Road Segment 2 project as described above. Change Order No. 3, the FINAL TRUE UP CHANGE ORDER, provides contract adjustments for the following items. In addition to the below contract adjustments; the attached spreadsheet summarizes the adjustment to the existing contract pay items.

Item No.	Description	Pay Item	QTY	Unit	Unit Price	Cost
1	Swale grading N. of project - PSL Blvd.	N/A	1	LS	\$4,751.99	\$4,751.99
2	Sediment control at pond locations.	N/A	1	LS	\$8,240.00	\$8,240.00
3	Under Drain @ D-01	N/A	1	LS	\$6,044.50	\$6,044.50
4	Tie in S. end of project on PSL Blvd. - water Blasting existing thermo	N/A	2	LS	\$880.00	\$1,760.00
5	Sign blades @ Quick Circle	N/A	1	LS	(\$267.56)	(\$267.56)
6	8" WM Deflection That Was Stopped	N/A	1	LS	\$2,328.14	\$2,328.14
7	Staked Silt Fence	N/A	1	LS	\$818.07	\$818.07
8	MOT & Temporary Striping For Becker Road Opening On East Side	N/A	1	LS	\$12,852.23	\$12,852.23
9	Removal Of Existing 10" - 12" Asphalt In PSL Blvd Roadway	N/A	1	LS	\$10,854.16	\$10,854.16

10	Temporary Tape on East End - transition from Seg. 2 to 3	N/A	1	LS	\$1,031.25	\$1,031.25
11	Failing concrete cylinder tests	N/A	12	EA	(\$85.00)	(\$1,020.00)
12	Message - Bicyclist w/Arrow PSL Blvd (area where water blasted on south end)	N/A	1	EA	\$165.00	\$165.00
13	RPM'S @ existing valves that were not adjusted	N/A	1	LS	\$275.00	\$275.00
14	Haul and place excess fill @ City stockpile	N/A	1	LS	\$51,708.60	\$51,708.60
15	Additional costs for fine grading roadway embankment	N/A	1	LS	\$62,779.35	\$62,779.35
16	Asphalt base overrun up to 105% per FDOT specifications	N/A	1	LS	\$47,945.39	\$47,945.39
17	Structural course overrun up to 105% per FDOT specifications	N/A	1	LS	\$25,275.23	\$25,275.23
18	Friction course overrun up to 105% per FDOT specifications	N/A	1	LS	\$19,525.93	\$19,525.93

- 1) **Swale Grading N. of the project** - At the request of the City, the contractor was required to reconstruct the swale on the North end of the project on Port St. Lucie Blvd. There was an existing highpoint in the swale north of Babbit Drive. The swale was re-graded to allow water to flow to the E-73 Canal. The price to perform the work was based on actual costs. The total cost for this change was \$4,751.99. Zero (0) additional contract days were granted with this change.

- 2) **Sediment control at pond 5 & 6** - Our contract included a pay item for controlling sediment (soil tracking devices) at the pond locations during the excavation of the ponds. The pay item was not utilized on the project. In lieu of the soil tracking devices, the contractor elected to sweep the roadways daily to remove the sediment from the surrounding area. The contractor requested payment for the effort to remove the sediment from the roadways. It was agreed to pay the bid price of the soil tracking devices provided in the contract. The total cost for this change was \$8,240.00. Zero (0) additional contract days were granted with this change.

- 3) **Underdrain @ D-01** - During the construction of the project; the corridor experienced heavy rains and significant flooding. Especially on the west side of PSL Blvd., north of Becker Rd. Also, this area had poor percolation, causing the water to perch in the subgrade. To alleviate the flooding in this area the Contractor was directed to install 100 LF of underdrain to the north of D-01 and connect the underdrain into D-01. The total cost for this change was \$6,044.50. Zero (0) additional contract days were granted with this change.

- 4) **Tie in thermoplastic on south end of PSL Blvd.** - The contractor was required to remove some of the existing thermoplastic outside of the project limits on the south end of PSL Blvd. The

existing striping did not properly align with the newly installed striping on the project. The existing striping was removed by the water blasting method. The price to water blast the existing thermoplastic was negotiated with the contractor. The cost to re-strip the pavement was paid for under existing contract items. The total cost for this change was \$1,760.00. Zero (0) additional contract days were granted with this change.

5) Street identification signs @ Tacoma & Quick Circle – The street identification signs at these locations were damaged / missing as a result of the construction project. Rather than the contractor replace the signs, the contractor elected to have the City's sign crew perform the work. The City invoiced the contractor for the cost of the replacement signs. The total reduction for this change was \$(267.56). Zero (0) additional contract days were granted with this change.

6) 8 inch water main deflection – Prior to the installation of the 8 inch water main deflection at Abraham and PSL Blvd., the contractor performed exploratory excavations and it appeared the deflection was not necessary due to an inaccurate pot hole elevation in the plans. The contractor backfilled the area and restored the pavement. It was later decided the contractor should proceed with the deflection. The contractor submitted a claim for the additional restoration needed on the roadway. An agreement was reached to compensate the contractor for 50% of the claim amount. The total cost for this change was \$2,328.14. Zero (0) additional contract days were granted with this change.

7) Staked silt fence – During the initial stages of the contract, various utility companies were performing relocations within the City's R/W. Dickerson had already installed silt fence throughout the project as per the permit requirements. Damage occurred to the silt fence as a result of the utility work. It was agreed that the City would reimburse Dickerson's sub contractor for the labor and materials to repair the silt fence that was damaged as a result of the utility work. The total cost for this change was \$818.07. Zero (0) additional contract days were granted with this change.

8) MOT & Temporary Striping For Becker Road Opening On East Side of PSL Blvd. – The contract stated that the roadway would remain closed for the life of the project. However, due to public outcry, it was decided to advance the opening of the Becker Rd. from east of PSL Blvd. to the east end of the project. The east end of Becker Rd. was opened to traffic during the active construction project. Dickerson was required to place striping and MOT devices. These costs were not accounted for in the original MOT bid item. The total cost for this change was \$12,852.23. Zero (0) additional contract days were granted with this change.

9) Removal Of Existing 10" - 12" Asphalt In PSL Blvd Roadway – During the reconstruction of the north south section of PSL Blvd. the contractor discovered an unforeseen condition. The roadway consisted of 12 inches of asphalt that was not identified on the plans. In lieu of removing the asphalt by the milling machine, it was required to excavate the asphalt with a trackhoe. It was agreed to compensate the contractor for the unforeseen work on a T&M basis. The total cost for this change was \$10,854.16. Zero (0) additional contract days were granted with this change.

10) Temporary Tape on East End - Transition from Segment 2 to 3– On the east end of the project between Segment 2 and Segment 3, a temporary transition was constructed to transition

the traffic from 4 lanes to 2 lanes. The striping for the transition was required to be placed on the newly construction and permanent asphalt on Segment 2. The contractor was directed to place temporary pavement tape in lieu of paint. There was no bid item for striping tape, therefore a price was negotiated. The total cost for this change was \$1,031.25. Zero (0) additional contract days were granted with this change.

- 11) Failing concrete cylinder tests** – Per the contract documents, the contractor is responsible for failing material tests. It was agreed that Dickerson would reimburse the City for 12 failing concrete tests @ \$85.00 per test. The total reduction for this change was \$(1,020.00). Zero (0) additional contract days were granted with this change.
- 12) Message – Bicycle pavement marking w/Arrow PSL Blvd** – We were required to place a bicycle lane pavement marking on PSL Blvd. A pay item for this work was not provided in the contract. A price for the work was negotiated. The total cost for this change was \$165.00. Zero (0) additional contract days were granted with this change.
- 13) RPM'S @ existing valves that were not adjusted** – Although some of the existing valves did not need to be adjusted on the project, the existing RPMs used to identify the valves were either missing or damaged. Therefore it was necessary to replace the RPMs. The cost of the RPMs is usually included in the cost of adjusting the valve. A pay item was not provided for the placement of the RPMs only. A price to perform the work was negotiated. The total cost for this change was \$275.00. Zero (0) additional contract days were granted with this change.
- 14) Haul and place excess fill @ City stockpile** – The subsoil removal quantity was reduced significantly during construction. Due to the reduction in subsoil removal, the embankment quantity was also reduced. All of the material for this project was generated from the ponds; therefore the reduction in embankment caused a surplus of on site material. The surplus material was hauled to a City owned stockpile at an offsite location. The contractor requested additional compensation to haul the material to the offsite stockpile. A price to perform the work was negotiated. The total cost for this change was \$51,708.60. Zero (0) additional contract days were granted with this change.
- 15) Additional costs for fine grading roadway embankment** – The subsoil removal quantity was reduced significantly during construction. Due to the reduction in subsoil removal, the embankment quantity was subsequently reduced. The contractor made a claim that the cost to grade the embankment was allocated in the bid price for embankment. The reduction in embankment prevented the contractor from recuperating revenue for the roadway grading activities. The contractor requested additional compensation for the roadway grading work. A price to perform the work was negotiated. The total cost for this change was \$62,779.35. Zero (0) additional contract days were granted with this change.
- 16) Asphalt base overrun up to 105% per FDOT specifications** – The contractor experienced asphalt overruns during the placement of the base asphalt. The contractor's grade control was proper and the elevation of the stabilized subgrade was measured within tolerance. It was agreed by the City to utilize the FDOT pay specifications and compensate the contractor for up to 105% of the asphalt placed. The additional material will add strength, durability, and longevity to



the pavement. The total cost for this change was \$47,945.39. Zero (0) additional contract days were granted with this change.

17) Structural course overrun up to 105% per FDOT specifications – The contractor experienced asphalt overruns during the placement of the structural asphalt. The contractor's grade control was proper and accurate. It was agreed by the City to utilize the FDOT pay specifications and compensate the contractor for up to 105% of the asphalt placed. The additional material will add strength, durability, and longevity to the pavement. The total cost for this change was \$25,275.23. Zero (0) additional contract days were granted with this change.

18) Friction course overrun up to 105% per FDOT specifications – The contractor experienced asphalt overruns during the placement of the friction course asphalt. The contractor's grade control was proper and accurate. It was agreed by the City to utilize the FDOT pay specifications and compensate the contractor for up to 105% of the asphalt placed. The additional material will add strength, durability, and longevity to the pavement. The total cost for this change was \$19,525.93. 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 a decrease in the contract for the amount of \$123,415.90 with zero (0) additional contract days. We have reviewed these changes and recommend approval of this change order no. 3 and FINAL TRUE UP CHANGE ORDER. 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) 801-9465. Thanks for your assistance in this matter.

Yours Sincerely

Randall Scott
Project Manager

BECKER ROAD - SEGMENT 2 (STA. 303+60 TACOMA ST TO STA. 353+00 NEAR CRAWFISH DR.)

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
GENERAL ITEMS												
101-1	MOBILIZATION	LS	1	\$140,000.00	\$140,000.00	1	0	\$140,000.00	-	\$0.00	0	\$0.00
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$49,000.00	\$49,000.00	1	0	\$49,000.00	-	\$0.00	0	\$0.00
104-11	FLOATING TURBIDITY BARRIER	LF	146	\$7.21	\$1,067.06	250	102	\$1,802.50	-	\$0.00	102	\$735.42
104-13-1	STAKED SILT FENCE	LF	21,187	\$0.51	\$10,905.37	21,187	0	\$10,905.37	-	\$0.00	0	\$0.00
104-15	SOIL TRACKING PREVENTION DEVICE	EA	4	\$2,050.00	\$8,240.00	0	(4)	\$0.00	-	\$0.00	(4)	(\$8,240.00)
104-16	ROCK BAGS	EA	1,560	\$3.86	\$6,009.60	624	(936)	\$2,408.64	-	\$0.00	(936)	(\$3,600.00)
104-99	VARIABLE MESSAGE BOARDS	EA	360	\$18.54	\$6,674.40	0	(360)	\$0.00	-	\$0.00	(360)	(\$6,674.40)
110-1-1	CLEARING & GRUBBING	LS	1.00	\$45,946.60	\$45,946.60	1	0	\$45,946.60	-	\$0.00	0	\$0.00
110-1-1	CONCRETE PAVEMENT, REMOVAL OF EXISTING	SY	349	\$12.10	\$4,222.90	986	647	\$5,045.70	579.00	Added to line 11 Roadway	68	\$822.80
110-7-1	MAILBOX (RELOCATE)	EA	1	\$206.00	\$206.00	4	3	\$824.00	-	\$0.00	4	\$824.00
199-1	SURVEY WORK & PREPARATION OF ASBUILT DRAWINGS (STRUCTURES/)	LS	1	\$58,286.13	\$58,286.13	1	0	\$58,286.13	-	\$0.00	0	\$0.00
TOTAL GENERAL					\$330,558.28			\$314,336.84		\$16,222.34		(\$16,222.34)

Difference POFQO (\$16,222.34)

ROADWAY	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
120-1	REGULAR EXCAVATION	CY	68,542	\$3.37	\$230,965.54	68,102	(350)	\$229,907.04	-	\$0.00	(350)	(\$1,178.50)
120-4	SUBSOIL EXCAVATION	CY	48,557	\$3.35	\$162,665.95	6,620	(41,937)	\$22,177.00	(12,000.00)	(\$40,200.00)	(29,937)	(\$100,288.95)
120-6	EMBANKMENT	CY	58,377	\$4.69	\$273,788.13	13,212	(45,165)	\$61,984.28	-	\$0.00	(45,165)	(\$211,823.85)
160-4	TYPE B STABILIZATION	SY	51,550	\$2.23	\$114,955.50	50,234	(1,316)	\$112,021.82	-	\$0.00	(1,316)	(\$2,933.68)
285-704	OPTIONAL BASE GROUP A (TYPE B-12.5 ONLY)	SY	1,023	\$20.72	\$21,195.56	1,023	0	\$21,195.56	-	\$0.00	0	\$0.00
285-708	OPTIONAL BASE GROUP B (TYPE B-12.5 ONLY)	SY	428	\$35.37	\$15,138.38	327	(101)	\$11,585.89	-	\$0.00	(101)	(\$3,552.37)
285-711	OPTIONAL BASE GROUP 11 (TYPE B-12.5 ONLY)	SY	44,584	\$13.58	\$602,461.68	43,986	(598)	\$595,907.70	-	\$0.00	(598)	(\$5,553.98)
327-70-1	MILLING EXISTING ASPHALT PAVEMENT	SY	386	\$13.58	\$5,241.88	713	327	\$9,692.54	-	\$0.00	327	\$4,440.66
334-1-13A	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (1.5" THICK)	SY	1,421	\$11.27	\$16,017.27	1,409	(12)	\$16,017.27	-	\$0.00	(12)	(\$132.00)
334-1-13B	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (3" THICK)	SY	44,584	\$17.37	\$774,066.68	44,149	(435)	\$770,559.23	-	\$0.00	(435)	(\$3,507.45)
337-7-22	ASPHALTIC CONCRETE FRICTION COURSE (MFC RUBBERFC-9.5" THICK)	SY	814	\$10.25	\$8,343.50	766	(48)	\$7,851.50	-	\$0.00	(48)	(\$492.00)
337-7-33	ASPHALTIC CONCRETE FRICTION COURSE (MFC RUBBERFC-12.5" THICK)	SY	44,584	\$8.59	\$382,975.56	44,895	311	\$385,330.65	-	\$0.00	311	\$2,355.09
520-1-10	CONCRETE CURB & GUTTER (TYPE F) (INCLUDES DROP/VALLEY CURB)	LF	20,971	\$10.76	\$225,647.96	20,907	(64)	\$223,883.32	-	\$0.00	(64)	(\$7,764.64)
520-2-4	CONCRETE CURB (TYPE D)	LF	632	\$11.32	\$7,154.24	194	(438)	\$2,199.48	-	\$0.00	(438)	(\$4,954.76)
520-5-41	CONCRETE TRAFFIC SEPARATOR (TYPE IV, 4" WIDE)	LF	619	\$28.84	\$17,851.96	619	0	\$17,851.96	-	\$0.00	0	\$0.00
520-5-42	CONCRETE TRAFFIC SEPARATOR (TYPE IV, 6" WIDE)	LF	561	\$32.96	\$18,480.56	561	0	\$18,480.56	-	\$0.00	0	\$0.00
522-1	CONCRETE SIDEWALK, 4" THICK	SY	10,739	\$22.62	\$242,916.18	10,719	(20)	\$242,463.78	-	\$0.00	(20)	(\$452.40)
522-2	CONCRETE SIDEWALK, 6" THICK	SY	191	\$26.85	\$5,117.85	234	43	\$6,308.30	-	\$0.00	43	\$1,190.45
TOTAL ROADWAY					\$3,224,055.58			\$2,886,672.38	1.00	\$42,428.94		(\$345,612.14)

Difference POFQO (\$345,612.14)

STRUCTURES	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
400-1-6	#3 REINFORCING STEEL BARS (HEADER CURBS)	LB	64	\$45.28	\$2,896.32	64	0	\$2,896.32	-	\$0.00	0	\$0.00
400-1-15	CLASS I CONCRETE (HEADER CURBS)	CY	3	\$283.25	\$849.75	3	0	\$849.75	-	\$0.00	0	\$0.00
530-3-3	RIPRAP - RUBBLE (BANK AND SHORE)	SY	79	\$2,238.07	\$176,807.53	79	0	\$176,807.53	-	\$0.00	0	\$0.00
TOTAL STRUCTURES					\$176,807.53			\$176,807.53		\$0.00		\$0.00

Difference POFQO (\$0.00)

DRAINAGE	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
424-989	PLASTIC SWALE LINER	LF	5,919	\$3.35	\$19,828.65	5,774	(145)	\$19,342.90	-	\$0.00	(145)	(\$485.75)
425-1-203	INLET (CURB TYPE 9) (J BOTTOM, <10)	EA	1	\$1,580.02	\$1,580.02	1	0	\$1,580.02	-	\$0.00	0	\$0.00
425-1-351	INLET (CURB TYPE P-5) (<10)	EA	17	\$1,832.37	\$31,150.29	17	0	\$31,150.29	-	\$0.00	0	\$0.00
425-1-361	INLET (CURB TYPE P-6) (<10)	EA	12	\$2,065.25	\$24,783.00	12	0	\$24,783.00	-	\$0.00	0	\$0.00
425-1-451	INLET (CURB TYPE J-5) (<10)	EA	4	\$2,938.59	\$11,754.36	4	0	\$11,754.36	-	\$0.00	0	\$0.00
425-1-461	INLET (CURB TYPE J-6) (<10)	EA	8	\$3,096.18	\$24,769.44	8	0	\$24,769.44	-	\$0.00	0	\$0.00
425-1-462	INLET (CURB TYPE J-6) (>10)	EA	1	\$3,601.91	\$3,601.91	1	0	\$3,601.91	-	\$0.00	0	\$0.00
425-1-481	INLET (DOT BOT TYPE E) (<10)	EA	2	\$1,042.36	\$2,084.72	2	0	\$2,084.72	-	\$0.00	0	\$0.00
425-1-551	INLET (DOT BOT TYPE E) (<10)	EA	24	\$810.52	\$19,452.48	24	0	\$19,452.48	-	\$0.00	0	\$0.00
425-1-553	INLET (DOT BOT TYPE E) (J BOTTOM, <10)	EA	5	\$3,033.35	\$15,166.75	5	0	\$15,166.75	-	\$0.00	0	\$0.00
425-1-554	INLET (DOT BOT TYPE E) (J BOTTOM, <10)	EA	4	\$3,766.71	\$15,066.84	4	0	\$15,066.84	-	\$0.00	0	\$0.00

Difference POFQO (\$0.00)

BECKER ROAD - SEGMENT 2 (STA. 309+00 TACOMA ST. TO STA. 353+00 NEAR CRAWFISH DR.)

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
425-1-581	INLET (OT BOT TYPE H) (<10)	EA	1	\$4,044.81	\$4,044.81	1	0	\$4,044.81	-	\$0.00	0	\$0.00
425-1-582	INLET (DT BOT TYPE H) (>10)	EA	1	\$4,423.85	\$4,423.85	1	0	\$4,423.85	-	\$0.00	0	\$0.00
425-2-41	MANHOLES (P-7) (<10)	EA	2	\$2,148.58	\$4,297.16	2	0	\$4,297.16	-	\$0.00	0	\$0.00
425-2-71	MANHOLES (U-7) (<10)	EA	6	\$2,021.88	\$12,131.34	6	0	\$12,131.34	-	\$0.00	0	\$0.00
425-2-72	MANHOLES (U-7) (>10)	EA	3	\$2,781.00	\$8,343.00	3	0	\$8,343.00	-	\$0.00	0	\$0.00
425-10	YARD DRAIN	EA	9	\$76.22	\$685.98	9	0	\$685.98	-	\$0.00	0	\$0.00
425-11	DRAINAGE STRUCTURE - MODIFY EXISTING	EA	1	\$772.50	\$772.50	1	0	\$772.50	-	\$0.00	0	\$0.00
430-175-101A	15" HIGH DENSITY POLYETHYLENE PIPE	LF	106	\$10.66	\$1,129.96	106	0	\$1,129.96	-	\$0.00	0	\$0.00
430-175-101B	16" REINFORCED CONCRETE PIPE	LF	3,530	\$21.63	\$76,353.90	3,530	0	\$76,353.90	-	\$0.00	0	\$0.00
430-175-101C	18" CORRUGATED ALUMINUM PIPE	LF	20	\$70.04	\$1,400.80	20	0	\$1,400.80	-	\$0.00	0	\$0.00
430-175-101D	24" REINFORCED CONCRETE PIPE	LF	704	\$32.96	\$23,203.84	704	0	\$23,203.84	-	\$0.00	0	\$0.00
430-175-102A	30" REINFORCED CONCRETE PIPE	LF	713	\$34,516.33	\$24,708.63	713	0	\$24,708.63	-	\$0.00	0	\$0.00
430-175-102B	30" CORRUGATED ALUMINUM PIPE	LF	20	\$144.20	\$2,884.00	20	0	\$2,884.00	-	\$0.00	0	\$0.00
430-175-102C	30" REINFORCED CONCRETE PIPE	LF	1,653	\$96,006.24	\$157,810.50	1,653	0	\$157,810.50	-	\$0.00	0	\$0.00
430-175-103A	42" REINFORCED CONCRETE PIPE	LF	1,324	\$85.88	\$113,718.36	1,324	0	\$113,718.36	-	\$0.00	0	\$0.00
430-175-103B	42" CORRUGATED ALUMINUM PIPE	LF	20	\$208.06	\$4,161.20	20	0	\$4,161.20	-	\$0.00	0	\$0.00
430-175-103C	48" REINFORCED CONCRETE PIPE	LF	525	\$107.12	\$56,238.00	525	0	\$56,238.00	-	\$0.00	0	\$0.00
430-175-103D	48" CORRUGATED ALUMINUM PIPE	LF	20	\$239.99	\$4,799.80	20	0	\$4,799.80	-	\$0.00	0	\$0.00
430-175-104A	54" REINFORCED CONCRETE PIPE	LF	466	\$145.23	\$67,677.18	466	0	\$67,677.18	-	\$0.00	0	\$0.00
430-175-104B	54" CORRUGATED ALUMINUM PIPE	LF	20	\$142.14	\$2,842.80	20	0	\$2,842.80	-	\$0.00	0	\$0.00
430-175-201	12" X 18" ELLIPTICAL REINFORCED CONCRETE PIPE	LF	245	\$38.78	\$9,481.10	244	(1)	\$9,481.10	-	\$0.00	(1)	(\$38.78)
430-175-202	24" X 36" ELLIPTICAL REINFORCED CONCRETE PIPE	LF	325	\$80.34	\$26,110.50	325	0	\$26,110.50	-	\$0.00	0	\$0.00
430-984-1	4" PVC PIPE FOR BACK OF SIDEWALK DRAINAGE	LF	76	\$3.09	\$231.76	75	(1)	\$231.76	-	\$0.00	(1)	(\$231.76)
430-984-140	MITERED END SECTION (SIDE DRAIN, ROUND, 42")	EA	1	\$1,722.16	\$1,722.16	0	(1)	\$0.00	-	\$0.00	(1)	(\$1,722.16)
430-984-523	MITERED END SECTION (SIDE DRAIN, ELLIPTICAL, 12" X 18")	EA	8	\$1,301.92	\$10,415.36	8	0	\$10,415.36	-	\$0.00	0	\$0.00
TOTAL DRAINAGE					\$723,515.04			\$723,515.04		\$0.00		(\$1,779.32)

PLANTING & GRASSING	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
555-1-1	DIRECTIONAL BORE (6" DR11 3608)	LF	2,546	\$10.30	\$26,219.50	2,546	0	\$26,219.50	-	\$0.00	0	\$0.00
555-1-2	DIRECTIONAL BORE (6" - 412DR11 3608)	LF	1,272	\$47,165.76	\$60,100.00	1,272	0	\$60,100.00	-	\$0.00	0	\$0.00
570-1-2	PERFORMANCE TURF (SOD)	SY	43,811	\$1.11	\$48,630.21	38,950	(4,861)	\$43,233.50	-	\$0.00	(4,861)	(\$5,284.71)
TOTAL PLANTING & GRASSING					\$121,949.71			\$116,502.76		\$0.00		(\$5,284.71)

SIGNING & PAVEMENT MARKING	DESCRIPTION	UNIT	QUANTITY	UNIT COST	PLAN TOTAL COST	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
700-20-11	SINGLE POST SIGN (F&J) (12 OR LESS)	AS	46	\$283.25	\$13,029.50	46	2	\$13,586.00	-	\$0.00	2	\$566.50
700-20-12	SINGLE POST SIGN (F&J) (12-20)	AS	3	\$927.00	\$2,781.00	3	0	\$2,781.00	-	\$0.00	0	\$0.00
700-20-40	SINGLE POST SIGN (RELOCATE)	AS	17	\$118.45	\$2,013.65	17	0	\$2,013.65	-	\$0.00	0	\$0.00
700-20-60	SINGLE POST SIGN (REMOVE)	AS	11	\$55.15	\$606.65	11	0	\$606.65	-	\$0.00	0	\$0.00
700-21-11	MULTI-POST SIGN (F&J) (50 OR LESS)	AS	2	\$3,295.00	\$6,590.00	2	0	\$6,590.00	-	\$0.00	0	\$0.00
700-10-4	END OF ROADWAY MARKER (POST MOUNTED) (M-TYPE IV)	EA	6	\$128.76	\$772.50	6	0	\$772.50	-	\$0.00	0	\$0.00
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	837	\$4,226.85	\$3,530,000.00	837	0	\$3,530,000.00	-	\$0.00	0	\$0.00
710-11-111	PAINTED PAVEMENT MARKINGS (WHITE) (SOLID) (6")	NM	0.10	\$1,333.00	\$133.30	0.00	(0)	\$0.00	-	\$0.00	(0)	(\$133.30)
710-11-122	PAINTED PAVEMENT MARKINGS (WHITE) (SOLID) (6")	LF	385	\$0.33	\$127.05	0	(385)	\$0.00	-	\$0.00	(385)	(\$127.05)
710-11-124	PAINTED PAVEMENT MARKINGS (WHITE) (SOLID) (18")	LF	191	\$0.98	\$187.18	0	(191)	\$0.00	-	\$0.00	(191)	(\$187.18)
710-11-224	PAINTED PAVEMENT MARKINGS (YELLOW) (SOLID) (6")	NM	0.20	\$1,333.00	\$266.60	0.00	(0)	\$0.00	-	\$0.00	(0)	(\$266.60)
711-11-111	THERMOPLASTIC (WHITE) (SOLID) (6")	NM	3.01	\$3,024.75	\$9,105.30	3.03	0	\$9,165.30	-	\$0.00	0	\$60.00
711-11-122	THERMOPLASTIC (WHITE) (SOLID) (6")	LF	1,241	\$0.93	\$1,154.13	1,236	(5)	\$1,148.48	-	\$0.00	(5)	(\$4.65)
711-11-123	THERMOPLASTIC (WHITE) (SOLID) (12")	LF	3,590	\$1.34	\$4,810.60	3,581	(9)	\$4,788.54	-	\$0.00	(9)	(\$22.06)
711-11-126	THERMOPLASTIC (WHITE) (SOLID) (6")	LF	1,025	\$2.06	\$2,111.50	1,018	(7)	\$2,097.08	-	\$0.00	(7)	(\$14.42)
711-11-131	THERMOPLASTIC (WHITE) (SKIP) (6")	GM	1.83	\$1,614.06	\$2,954.50	1.92	0	\$3,100.50	-	\$0.00	0	\$145.50
711-11-160	THERMOPLASTIC (WHITE) (MESSAGE)	EA	3.00	\$463.50	\$1,390.50	3	0	\$1,390.50	-	\$0.00	0	\$0.00
711-11-170	THERMOPLASTIC (WHITE) (ARROW)	EA	81	\$51.50	\$4,171.50	82	1	\$4,223.00	-	\$0.00	1	\$51.50
711-11-211	THERMOPLASTIC (YELLOW) (SOLID) (6")	NM	2.86	\$3,224.75	\$9,243.75	2.91	0	\$9,566.02	-	\$0.00	0	\$322.27

BECKER ROAD - SEGMENT 2 (STA. 303+ 60 TACOMA ST TO STA. 353+00 NEAR CRAWFISH DR.)

PAY ITEMS	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
711-11-224	LF	377	\$2.06	\$776.62	398	21	\$519.88	-	\$0.00	21	\$42.26
TOTAL SIGNING & PAVEMENT MARKINGS											
							\$67,172.53		\$0.00		(\$4.59)

VII.

UTILITY - WATER	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
1059-2	LS	1	\$4,941.00	\$4,941.00	1	0	\$4,941.00	-	\$0.00	0	\$0.00
1059-2A	EA	25	\$257.50	\$6,437.50	25	0	\$6,437.50	-	\$0.00	0	\$0.00
1059-2B	EA	20	\$257.50	\$5,150.00	20	0	\$5,150.00	-	\$0.00	0	\$0.00
1059-11-223	LF	670	\$5.51	\$3,701.70	633	63	\$3,487.83	-	\$0.00	63	\$347.13
1059-11-224A	LF	156	\$9.22	\$1,438.32	175	19	\$1,613.50	-	\$0.00	19	\$175.18
1059-11-224B	LF	310	\$19.31	\$5,986.10	399	29	\$6,546.09	-	\$0.00	29	\$559.99
1059-11-224B	TN	4,000	\$13,900.68	\$55,002.72	3,927.0	(0.07)	\$54,988.76	-	\$0.00	(0)	(\$1,014.72)
1080-11-205	EA	1,000	\$1,214.37	\$1,214.37	1	0	\$1,214.37	-	\$0.00	0	\$0.00
1080-11-303	EA	6	\$3,229.05	\$19,374.30	6	0	\$19,374.30	-	\$0.00	0	\$0.00
1080-11-304	EA	6	\$1,095.92	\$6,575.52	6	0	\$6,575.52	-	\$0.00	0	\$0.00
1080-11-403	EA	1	\$6,984.43	\$6,984.43	1	0	\$6,984.43	-	\$0.00	0	\$0.00
1080-11-404	EA	1	\$1,578.32	\$1,578.32	1	0	\$1,578.32	-	\$0.00	0	\$0.00
1080-11-711	EA	33	\$678.54	\$22,424.82	33	0	\$22,424.82	-	\$0.00	0	\$0.00
1080-14	EA	1	\$231.75	\$231.75	1	0	\$231.75	-	\$0.00	0	\$0.00
1080-15-11A	EA	46	\$154.50	\$7,079.00	44	(2)	\$6,798.00	-	\$0.00	(2)	(\$309.00)
1080-15-11B	EA	1	\$154.50	\$154.50	1	0	\$154.50	-	\$0.00	0	\$0.00
1080-15-11A	EA	7	\$154.50	\$1,081.50	7	0	\$1,081.50	-	\$0.00	0	\$0.00
1644-112-08	EA	3	\$3,732.72	\$11,198.16	3	0	\$11,198.16	-	\$0.00	0	\$0.00
1644-700	EA	7	\$3,695.00	\$25,865.00	7	0	\$25,865.00	-	\$0.00	0	\$0.00
1644-800	EA	4	\$5,180.00	\$20,720.00	4	0	\$20,720.00	-	\$0.00	0	\$0.00
Change order 2											
							\$8,731.20	1.00	\$8,731.20		\$0.00
							\$165,980.35		\$8,731.20		(\$241.46)

VIII.

UTILITY - SEWER	UNIT	QUANTITY	Unit Cost	Plan Total Cost	Final Quantity	Quantity Difference	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
1059-3	LS	1	\$2,060.00	\$2,060.00	1	0	\$2,060.00	-	\$0.00	0	\$0.00
1059-2C	EA	11	\$2,832.50	\$31,157.50	11	0	\$31,157.50	-	\$0.00	0	\$0.00
1059-11-222A	LF	153	\$134	\$20,502.00	161	8	\$21,614.00	-	\$0.00	8	\$1,072.00
1059-11-222B	LF	692	\$2.88	\$1,992.96	710	18	\$2,044.80	-	\$0.00	18	\$51.84
1059-11-222C	LF	23	\$9.42	\$216.66	24	1	\$226.08	-	\$0.00	1	\$9.42
1059-15-003	LF	1,325	\$9.76	\$12,944.00	1,331	6	\$12,959.56	-	\$0.00	6	\$52.56
1059-11-272A	TN	1,000	\$7,712.64	\$7,712.64	0.2905	(0.720)	\$7,163.40	-	\$0.00	(1)	(\$5,549.24)
1059-11-272B	EA	2	\$812.67	\$1,625.34	2	0	\$1,625.34	-	\$0.00	0	\$0.00
1059-15	EA	22	\$360.50	\$7,931.00	15	(7)	\$5,407.50	-	\$0.00	(7)	(\$2,523.50)
1059-16	EA	5	\$231.75	\$1,158.75	5	0	\$1,158.75	-	\$0.00	0	\$0.00
1080-11-204A	EA	2	\$946.57	\$1,893.14	2	0	\$1,893.14	-	\$0.00	0	\$0.00
1080-11-204B	EA	2	\$1,009.40	\$2,018.80	2	0	\$2,018.80	-	\$0.00	0	\$0.00
1080-15-11B	EA	27	\$231.75	\$6,257.25	21	(6)	\$4,866.75	-	\$0.00	(6)	(\$1,390.50)
1080-16-11B	EA	6	\$180.25	\$1,081.50	6	0	\$1,081.50	-	\$0.00	0	\$0.00
Change order 2											
							\$8,707.40	1.00	\$8,707.40		\$0.00
							\$49,314.59		\$8,707.40		(\$9,358.70)
							\$46,683.29		\$8,707.40		(\$531.30)

BECKER ROAD - SEGMENT 2 (STA. 303+60 TACOMA ST TO STA. 353+00 NEAR CRAWFISH DR.)

PAY ITEMS	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Final Pay Amount	Change Order 2 Quantity	Change Order 2 Amount	Change Order 3 Quantity	Change Order 3 Amount
CHANGE ORDER ITEMS # CO3 - FINAL CO									
1	Swale grading N. of project - PSL Blvd.	LS	1	\$4,751.99				1	\$4,751.99
2	Sediment control at pond locations.	LS	1	\$9,240.00				1	\$9,240.00
3	Under Drain @ L-01	LS	1	\$6,044.50				1	\$6,044.50
4	Tie In S. end of project on PSL Blvd. - water Blasting existing thermo	LS	2	\$980.00				2	\$1,760.00
5	Sign blades @ Quilck Circle	LS	1	(\$297.56)				1	(\$297.56)
6	8" VM Deflection That Was Stopped	LS	1	\$2,328.14				1	\$2,328.14
7	Slaked Silt Fence	LS	1	\$818.07				1	\$818.07
8	MOT & Temporary Striping For Becker Road Opening On East Side	LS	1	\$12,852.23				1	\$12,852.23
9	Removal Of Existing 10" - 12" Asphalt In PSL Blvd Roadway	LS	1	\$10,854.16				1	\$10,854.16
10	Temporary Taps on East End - Transition from Seg. 2 to 3	LS	1	\$1,031.25				1	\$1,031.25
11	Setting concrete cylinder tests	EA	12	(\$65.00)				12	(\$1,020.00)
12	Message - Bike lane warning PSL Blvd (area where water blasted on south end)	EA	1	\$165.00				1	\$165.00
13	R/W'S @ existing valves, that were not adjusted	EA	1	\$275.00				1	\$275.00
14	Haul and place excess fill @ City Stockpile	LS	1	\$51,708.60				1	\$51,708.60
15	Additional costs for fine grading roadway embankment	LS	1	\$62,778.35				1	\$62,778.35
16	Asphalt base overrun up to 105% per FDOT specifications	LS	1	\$47,945.39				1	\$47,945.39
17	Structural course overrun up to 105% per FDOT specifications	LS	1	\$25,275.23				1	\$25,275.23
18	Friction course overrun up to 105% per FDOT specifications	LS	1	\$19,525.93				1	\$19,525.93

\$295,067.28

ITEM NO.	DESCRIPTION	Plan Contract Value	Final Contract Value	Total Contract Change	Change Order 2 Amount	Change Order 3 Amount
A	BECKER ROAD SEGMENT 2)	\$330,569.28	\$314,338.94	(\$16,222.34)	\$0.00	(\$16,222.34)
I	GENERAL ITEMS	\$3,324,056.58	\$2,880,672.38	(\$343,384.20)	\$2,228.64	(\$345,612.14)
II	ROADWAY	\$2,137.10	\$3,137.10	\$900.00	\$0.00	\$0.00
III	STRUCTURES	\$23,294.36	\$23,515.04	(\$1,779.32)	\$0.00	(\$1,779.32)
IV	DRAINAGE AND GRASSING	\$121,674.47	\$116,502.76	(\$5,234.71)	\$0.00	(\$5,234.71)
V	PLANTING & GRASSING	\$67,172.53	\$67,168.03	(\$4.50)	\$0.00	(\$4.50)
VI	SIGNING AND PAVEMENT MARKINGS	\$157,390.61	\$165,890.35	\$8,499.74	\$8,731.20	(\$241.46)
VII	UTILITY - WATER	\$49,314.59	\$46,683.28	(\$2,631.31)	\$8,707.40	(\$8,338.70)
VIII	UTILITY - SEWER	\$0.00	\$255,067.28	\$255,067.28	\$0.00	\$255,067.28
CHANGE ORDER ITEMS		\$4,678,711.52	\$4,574,963.16	(\$103,748.36)	\$19,667.54	(\$123,416.90)
Grand Total						