

CONSTRUCTION CONTRACTS

22. **Approve Change Order #3 to CC-1244-04/TLR – Lake Emma Road, with John Carlo, Inc., Mount Dora (\$109,410.55 + 96 days).**

CC-1244-04/TLR provides for all labor, materials, equipment, transportation, coordination and incidentals necessary to change Lake Emma Road from 4-lane rural to 4-lane urban highway with curb and gutter, from Sand Pond Road to Lake Mary Center.

Change Order #3 will provide for an adjustment to existing pay item quantities dictated by the differing conditions encountered in the field. An additional 96 days of contract time is required for the completion of this project due to these adjustments. The following is a summary of the cost of the contract:

Original Contract Sum	\$2,222,543.15
Change Order #1	99,837.21 + 49 days
Change Order #2	26,866.60 + 14 days
Add Change Order #3	<u>109,410.55</u> + 96 days
Revised Contract Sum	\$2,458,657.51

This is a budgeted project and funds are available in accounts 077541.560670, CIP#00192002. Public Works/Engineering and Administrative Services/Purchasing and Contracts Division recommend the Board approve Change Order #3.

**SEMINOLE COUNTY, FLORIDA
CHANGE ORDER FOR CONSTRUCTION PROJECTS**



PURCHASING DIVISION
(407) 321-1130

1101 E. First Street
Sanford, FL 32771

CONTRACT NO.: CC-1244-04/TLR INITIATION DATE: _____ ORIGINAL
 CHANGE ORDER NO.: 3 ACCOUNT NO.: _____ CONTRACT DATE: _____
 CONTRACT FOR: Lake Emma Road Construction (Sand Pond Rd to Lake Mary Centre) ARCH/ENG PROJECT: S0951

YOU ARE REQUESTED TO MAKE THE FOLLOWING CHANGE(S) IN THIS CONTRACT:

See Descriptions in Change Order Attachment

REASON FOR CHANGE(S): See attached Change Order Summary

ORIGINAL CONTRACT SUM:.....	\$ <u>2,222,543.15</u>
CONTRACT SUM PRIOR TO THIS CHANGE ORDER.....	\$ <u>2,349,246.96</u>
Change order (increase) (decrease) (unchanged).....	\$ <u>109,410.55</u>
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER WILL BE.....	\$ <u>2,458,657.51</u>
CONTRACT TIME WILL BE (increased) (decreased) (unchanged) BY CALENDAR DAYS:.....	<u>96Days</u>
FINAL COMPLETION DATE THROUGH THIS CHANGE ORDER.....	<u>June 1, 2006</u>

WAIVER This Change Order constitutes full and mutual accord and satisfaction for the adjustment of Contract Price and Time as a result of increases or decreases in costs and time of performance caused directly and indirectly from the change. Acceptance of this Waiver constitutes an agreement between COUNTY and CONTRACTOR that the Change Order represents an equitable adjustment to the Agreement and that CONTRACTOR shall waive all rights to file a Contract Claim or claim of any nature on this Change Order. Execution of this Change Order shall constitute CONTRACTOR'S complete acceptance and satisfaction that it is entitled to no more costs or time (direct, indirect, impact, etc.) Pursuant to this Change Order.

ACKNOWLEDGEMENTS The aforementioned change, and work affected thereby, is subject to all provisions of the original Agreement not specifically changed by this Change Order, and it is expressly understood and agreed that the approval of the Change Order shall have no effect on the original agreement other than matters expressly provided herein.

NOT VALID UNTIL SIGNED BY OWNER, ARCHITECT/ENGINEER AND CONTRACTOR

William Glennon, P.E.
PROJECT MANAGER
Public Works/Engineering
DEPT./DIV

David Terwilleger, P.E.
ENGINEER
CPH Engineers, Inc.
P.O. Box 2808, Sanford, FL 32772

John Carlo
CONTRACTOR (Seal)
John Carlo, Inc.
P.O. Box 1257, Mount Dora, FL 32756

By: [Signature]
Date: 1/17/07

By: [Signature]
Date: 1/5/07

By: [Signature]
Date: 1.2.07

Approved as to form & legal sufficiency:

[Signature]
County Attorney

1/31/07
Date

SEMINOLE COUNTY BOARD
OF COUNTY COMMISSIONERS

ATTEST:

APPROVAL DATE: _____

DATE: _____

CHANGES ORDERED

ITEM 1

Description of Change: S-169 (Change Pay Item from P-7 Inlet to Type E Ditch Bottom Inlet)

Reason for Change: The Construction Plans showed S-169 as a Type E ditch bottom inlet however S-169 was called out as a P-7 on the bid sheet and a Type E inlet was not included in the bid sheet.

Change in Contract Price: \$205.87

Change in Contract Time: 0 Days

ITEM 2

Description of Change: Deletion of S-173

Reason for Change: S-173 was deleted from the contract due to unforeseen conflicts.

Change in Contract Price: (\$2,492.44)

Change in Contract Time: 5 Days

ITEM 3

Description of Change: Contract Quantity Adjustments

Reason for Change: Construction quantities incorporated into the contract.

Change in Contract Price: \$109,216.42

Change in Contract Time: 41 Days

ITEM 4

Description of Change: Added Manhole between S-149 / S-147 due to conflict with RWM and traffic signal base.

Reason for Change: A manhole was added between S-149 and S-147 in order to avoid a conflict with the RWM and the existing traffic signal base.

Change in Contract Price: \$2,400.00

Change in Contract Time: 32 Days

ITEM 5

Description of Change: Relocation of Handicap Ramp at Sta. 50+50RT

Reason for Change: The proposed sidewalk and ramp were moved closer to the back of curb to avoid a conflict with the existing power pole guy wires.

Change in Contract Price: \$1,027.15

Change in Contract Time: 0 Days

ITEM 6

Description of Change: Removal and Replacement of Sidewalk at Sta. 51+80RT

Reason for Change: A 6'x6' section of sidewalk was removed while investigating a watermain valve at Seminole County's request.

Change in Contract Price: \$634.55

Change in Contract Time: 0 Days

ITEM 7

Description of Change: FC-3 Adjustment due to Surface Deficiencies

Reason for Change: The County chose to deduct from the contract three areas (100' x 11') which contained surface deficiencies in lieu of having the contractor Mill and Resurface.

Change in Contract Price: (\$1,581.00)

Change in Contract Time: 0 Days

ITEM 8

Description of Change: Additional time due to Rain delay and Conflict Resolution

Reason for Change: Repaired Broken Gravity Sewer along Lake Emma, Greenwood Intersection Pavement Elevation Resolution, and Excessive Rains had an impact to the Project Schedule.

Change in Contract Price: \$0.00

Change in Contract Time: 18 Days

CHANGE ORDER SUMMARY			
No.	Description	Change In Contract Price	Change In Contract Time
1	S-169 (Change Pay Item from P-7 Inlet to Type E Ditch Bottom Inlet)	\$205.87	0 Days
2	Deletion of S-173	(\$2,492.44)	5 Days
3	Contract Quantity Adjustments	\$109,216.42	41 Days
4	Added Manhole between S-149 / S-147 due to conflict with RWM and traffic signal base.	\$2,400.00	32 Days
5	Relocation of Handicap Ramp at Sta. 50+50RT	\$1,027.15	0 Days
6	Removal and Replacement of Sidewalk at Sta. 51+80RT	\$634.55	0 Days
7	FC-3 Adjustment due to Surface Deficiencies	(\$1,581.00)	0 Days
8	Additional time due to Rain delay and Conflict Resolution	\$0.00	18 Days
TOTAL		\$109,410.55	96 Days

SEMINOLE COUNTY
 LAKE EMMA ROAD - (SAND POND ROAD TO LAKE MARY CENTRE)
 CC-1244-04/TLR
 CHANGE ORDER NO. 3 ATTACHMENT
 October 27, 2006

ITEM 1 - S-169 (CHANGE PAY ITEM FROM P-7 INLET TO TYPE-E DITCH BOTTOM INLET)

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
425-1-471 - Inlets (Curb) (Type P-7) (<10')	EA	-1	\$3,500.00	(\$3,500.00)
Inlet (Ditch Bottom Inlet - Type E)	EA	1	\$3,705.87	\$3,705.87

TOTAL \$205.87

ITEM 2 - DELETION OF S-173

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
Material cost and Disposal of S-173	EA	1	\$1,007.56	\$1,007.56
425-1-471 - Inlets (Curb) (Type P-7) (<10')	EA	-1	\$3,500.00	(\$3,500.00)

TOTAL (\$2,492.44)

ITEM 3 - CONTRACT QUANTITY ADJUSTMENT

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
104-10-1 - Hay or Straw Baled	EA	-984	\$5.00	(\$4,920.00)
104-13-1 - Silt fence Staked (Type III)	LF	1741	\$0.85	\$1,479.85
104-15 - Rock Bags	EA	-772	\$7.00	(\$5,404.00)
337-7-3 - Asph Conc F C (Rubber) (1-FC-3)	TN	264.6	\$75.00	\$19,845.00
300-1-3 - Bit Matl (Tack Coat)	GA	1262.12	\$1.25	\$1,577.65
331-2 - Asph Conc Type S	TN	1800	\$60.00	\$108,000.00
400-1-11 - Concrete Class I (Retaining Wall)	CY	18.9	\$550.00	\$10,395.00
400-1-15 - Concrete Class I (Misc)	CY	-5	\$750.00	(\$3,750.00)
Inlets (Curb) (Type P-3) (<10')	EA	-1	\$3,700.00	(\$3,700.00)
425-1-431 - Inlets (Curb) (Type J-3) (<105)	EA	-1	\$7,200.00	(\$7,200.00)
435-1-910 - Inlets (Closed Flume)	EA	-2	\$2,500.00	(\$5,000.00)
425-5-1 - Manhole (Adjust) (Utility)	LF	2	\$450.00	\$900.00
425-6 - VaLve Boxes (Adjust)	LF	10	\$450.00	\$4,500.00
430-11-325 - Pipe Conc Culv (Class III) (18" SS)	LF	-69	\$65.00	(\$4,485.00)
430-721-438 - Pipe Slotted or Perforated Culv (ADS Pipe) (36"SS)	LF	14	\$125.00	\$1,750.00
522-1 - Sidewalk Conc (4" thick)	LF	-40.3	\$21.10	(\$850.33)
110-4 - Concrete Pavement Removal	LF	-40.3	\$15.50	(\$624.65)
Signalization				
Conduit Underground	SY	-76	\$3.25	(\$247.00)
Fiber Optic Cable (F&I) Underground Composite	SY	-11	\$3.10	(\$34.10)
Electrical service wire	SY	-690	\$0.85	(\$586.50)
Loop Assembly (F&I) (type B)	TN	1	\$450.00	\$450.00
Loop Assembly (F&I) (type F)	MG	2	\$650.00	\$1,300.00
690-33-1 - Pole Removal (Deep) (Direct Burial)	SY	-64	\$52.00	(\$3,328.00)
Change order #1 items revised				
522-2 - Driveway Concrete (6" thick)	LF	-12.89	\$38.16	(\$491.88)
Grading	LF	-12.89	\$3.01	(\$38.80)
110-4 - Concrete Pavement Removal	LF	-8.61	\$15.50	(\$133.46)
522-1 - Sidewalk Concrete (4" thick)	LF	-8.88	\$21.10	(\$187.37)

TOTAL \$109,216.42

ITEM 4 - ADDED MANHOLE BETWEEN S-149 / S-147 DUE TO CONFLICT WITH RWM AND SIGNAL BASE

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
425-2-41 - Manhole (P-7)	EA	1	\$2,400.00	\$2,400.00

TOTAL \$2,400.00

ITEM 5 - RELOCATION OF HANDICAP RAMP AT STATION 50+50 RT

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
Removal of original ramp	LS	1	\$550.15	\$550.15
520-1-10 - Curb and Gutter Conc (type F)	LF	36	\$13.25	\$477.00

TOTAL \$1,027.15

ITEM 6 - REMOVAL AND REPLACEMENT OF SIDEWALK AT STATION 51+80 RT

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
Removal of original sidewalk	LS	1	\$550.15	\$550.15
522-1 - Sidewalk Concrete (4" thick)	LF	4	\$21.10	\$84.40
TOTAL				\$634.55

ITEM 7 - FC-3 ADJUSTMENT DUE TO SURFACE DEFICIENCIES

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
337-7-3 - Asph Conc F C (Rubber) (1-FC-3)	TN	-21.08	\$75.00	(\$1,581.00)
TOTAL				(\$1,581.00)

ITEM 8 - ADDITIONAL TIME DUE TO RAIN DELAY AND CONFLICT RESOLUTION

DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
Gravity Sewer Repair	Days	2	\$0.00	\$0.00
Greenwood Intersection Pavement Elevation Resolution	Days	8	\$0.00	\$0.00
Excessive Rain	Days	8	\$0.00	\$0.00
TOTAL				\$0.00

CHANGE ORDER SUMMARY

Item 1	\$205.87
Item 2	(\$2,492.44)
Item 3	\$109,216.42
Item 4	\$2,400.00
Item 5	\$1,027.15
Item 6	\$634.55
Item 7	(\$1,581.00)
Item 8	\$0.00
TOTAL	\$109,410.55

Original Contract Amount	\$2,222,543.15
Change Order No. 1	\$99,837.21
Change Order No. 2	\$26,866.60
Proposed Change Order No. 3	\$109,410.55
Proposed New Contract Amount	\$2,458,657.51

**CITY OF SANFORD
 AIRPORT BLVD. PHASE III UTILITY RELOCATION (IFB 03/04-1)
 CHANGE ORDER NO. 2 ATTACHMENT**

TIME SUMMARY

	TIME CHANGE
ITEM 1 - S-169 (CHANGE PAY ITEM FROM P-7 INLET TO TYPE-E DITCH BOTTOM INLET)	Days
ITEM 2 - DELETION OF S-173	5 Days
ITEM 3 - CONTRACT QUANTITY ADJUSTMENT	41 Days
ITEM 4 - ADDED MANHOLE BETWEEN S-149 / S-147 DUE TO CONFLICT WITH RWM AND SIGNAL B	32 Days
ITEM 5 - RELOCATION OF HANDICAP RAMP AT STATION 50+50 RT	Days
ITEM 6 - REMOVAL AND REPLACEMENT OF SIDEWALK AT STATION 51+80 RT	Days
ITEM 7 - FC-3 ADJUSTMENT DUE TO SURFACE DEFICIENCIES	Days
ITEM 8 - ADDITIONAL TIME DUE TO RAIN DELAY AND CONFLICT RESOLUTION	18 Days

TOTAL **96 Days**

CONTRACT TIME SUMMARY

Original Contract Time	270 Days
Change Order No. 1 Change in Contract Time	49 Days
Change Order No. 2 Change in Contract Time	14 Days
Proposed Change Order No. 3 Change in Contract Time	96 Days
New Contract Time	429 Days
Date of Notice to Proceed	2/28/2005
Total Adjusted Contract Time	429 Days
Revised Substantial Completion Date	5/2/2006
Contract Time From Substantial Completion to Final Completion	30 Days
Revised Final Completion Date	6/1/2006



JOHN CARLO, INCORPORATED

14165 North Main Street
Jacksonville, FL 32218
904.696.885
Fax 904.696.8951

October 18, 2006

CPH ENGINEERS
Rocco Nasso, P.E.
500 West Fulton Street
Sanford, FL 32771

Re: Lake Emma Road

Dear Mr. Nasso,

Based on a review of our Lake Emma project records we offer the following events and issues as impacts to the project schedule which demonstrate entitlement to additional contract days.

- The elimination of structure S-173 had an impact of five work days. Two days for investigation, two days for review and one day for receipt of owner direction.
- Utility conflicts at storm drainage run from S-149 to S-147 had an impact of 32 work days. The RFI originally requesting direction was submitted on 3/4/05. JCI's second request for resolution is dated 10/22/05. JCI's letter of 11/2/05 documents that the issue remained un-resolved.
- Repair of gravity sewer had an impact of two work days. JCI's letter of 1/25/06 is documentation of this issue.
- Additional gravity wall at STA 36+20 had an impact of four calendar days.
- The addition of ABC asphalt and structural at the separators had an impact of six calendar days.
- Excessive rains had an impact of eight work days to the project schedule.
- Greenwood intersection pavement elevation resolution had an impact of eight days.
- The overrun of overbuild asphalt quantity had an impact twenty days as the plan quantity of 400 TNS overran 487% to 2,346.85 TNS.
- Corrections to existing structural asphalt at the north end of the project prior to placement of friction course required an additional three days.
- The additional structural overbuild quantity contributed to additional time for structural asphalt corrections of eight days.

We trust the above information is sufficient to demonstrate JCI's entitlement to an additional ninety-six calendar days be added to the contract time.

Sincerely,
John Carlo, Inc.

Jon Ford
Regional Manager

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