
CONSTRUCTION CONTRACTS

- 21. Approve Change Order #1 to CC-1244-04/TLR – Lake Emma Road, with John Carlo, Inc., Mount Dora (\$99,837.21 + 49 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 #1 will provide for an adjustment to existing pay item quantities and the addition of new pay items dictated by the differing conditions encountered in the field. An additional 49 days of contract time is required for the completion of this project due to numerous modifications of the mast arm signals to accommodate existing utilities. The following is a summary of the cost of the contract:

Original Contract Sum	\$2,222,543.15
Add Change Order #1	\$ 99,837.21 + 49 days
Revised Contract Sum	\$2,322,380.36

This is a budgeted project and funds will be available in accounts 077041.560670, CIP 192002. Public Works/Engineering and Fiscal Services/Purchasing and Contracts Division recommend the Board approve and authorize the Chairman to execute Change Order #1.

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: _____
CHANGE ORDER NO.: 1 ACCOUNT NO.: _____
CONTRACT FOR: Lake Emma Road Construction (Sand Pond Rd to Lake Mary Centre)

ORIGINAL
CONTRACT DATE: _____
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: \$ 2,222,543.15
CONTRACT SUM PRIOR TO THIS CHANGE ORDER \$ 2,222,543.15
Change order (increase) (decrease) (unchanged) \$ 99,837.21
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER WILL BE \$ 2,322,380.36
CONTRACT TIME WILL BE (increased) (decreased) (unchanged)
BY CALENDAR DAYS 49 Days
FINAL COMPLETION DATE THROUGH THIS CHANGE ORDER February 12, 2005

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

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

By: [Signature]
Date: 10-20-05

By: [Signature]
Date: 9/26/05

By: [Signature]
Date: 9-20-05

Approved as to form & legal sufficiency:

[Signature]
County Attorney

11/23/05
Date

SEMINOLE COUNTY BOARD
OF COUNTY COMMISSIONERS

ATTEST:

APPROVAL DATE: _____

DATE: _____

CHANGES ORDERED

ITEM 1

Description of Change: Traffic Signal Mast Arm Modifications

Reason for Change: Per Seminole County Traffic Engineering, box luminaries were added to two signal poles. Also the plan location for the signal pole on the southwest corner was in conflict with existing utilities and needed to be shifted back off the R/W into an easement. This added 10' to the length of the mast arm. Additional time is attributed to coordination of the plan changes, fabrication time of the mast arms, and the investigation of conflicting utilities.

Change in Contract Price: \$12,759.56

Change in Contract Time: 49 Days

ITEM 2

Description of Change: P – Structure to J – Structure change for conflict structures

Reason for Change: P-Structures did not allow for sufficient clearance along side the existing 24" reclaimed water main. In order to get the required 2' clearance per FDOT index 201 the conflict structures needed to be J-Structures (larger than 4' diameter).

Change in Contract Price: \$34,276.58

Change in Contract Time: 0 Days

ITEM 3

Description of Change: Reclaimed Water Meter Relocation Station 38+80+/-

Reason for Change: The County's existing reclaimed water meter at approximately station 38+80, 45' RT is located within the proposed right turn lane. The existing meter is to be relocated to the R/W line.

Change in Contract Price: \$2,160.53

Change in Contract Time: 0 Days

ITEM 4

Description of Change: Plan Revision Dated 4/18/05 (Driveway Addition At Sta. 47+20 LT)

Reason for Change: Per Seminole County Engineering Plan Revision dated 4/18/05, a 6" concrete driveway was added at station 47+20 LT.

Change in Contract Price: \$2,725.22

Change in Contract Time: 0 Days

ITEM 5

Description of Change: Plan Revision Dated 1/11/05 (Added Sidewalk and Gravity Wall)

Reason for Change: Per Seminole County Engineering Plan Revision dated 1/11/05, sidewalk was added along the east side of Lake Emma Road from station 25+00 to 35+23.62. Also added was 10 LF of gravity wall from station 25+00 to 25+10.

Change in Contract Price: \$30,500.90

Change in Contract Time: 0 Days

ITEM 6

Description of Change: Modifications to S-105 & S-106 (Per RFI's 8, 15, and 16)

Reason for Change: Elevations and storm pipe size were changed to accommodate the existing location of both the 24" RWM and the 12" WM. 14" x 23" ERCP was used to install storm over existing 24" RWM between S-105 and S-106. The 18" RCP was lower along with S-106 to accommodate the existing location of the 12" WM between S-106 and S-107.

Change in Contract Price: \$1,172.61

Change in Contract Time: 0 Days

ITEM 7

Description of Change: Structure changes for S-107 (Per RFI's #7 and #15)

Reason for Change: The 18" RCP from S-106 to S-107 was lowered to avoid conflict with the existing 12" water main. Due to the increased depth of the storm pipe the contractor was unable to use the proposed endwall. A bubble-up structure is to be used in lieu of the endwall.

Change in Contract Price: \$2,332.44

Change in Contract Time: 0 Days

ITEM 8

Description of Change: Modifications to S-122, S-122A, and S-124 (Per RFI #9)

Reason for Change: The existing 24" reclaimed water main was in conflict with S-124 and the 18" RCP between S-122 and S-124. S-124 was changed to a conflict structure and the storm pipe was rerouted from S-122A to S-122 instead of to S-124.

Change in Contract Price: \$2,431.76

Change in Contract Time: 0 Days

ITEM 9

Description of Change: Demolition of Existing Curb Inlet at Station 26+65 (Per RFI #20)

Reason for Change: The general notes in the plans indicate that all existing structures are to remain unless specifically noted. The existing storm inlet at station 26+65, 37' LT was not specified on the plans to be removed. Per RFI #20 the Contractor is to remove the inlet structure and seal-up the existing storm pipe to be abandoned in place.

Change in Contract Price: \$821.19

Change in Contract Time: 0 Days

ITEM 10

Description of Change: Deletion of S-139A (Station 36+15, 47' LT)

Reason for Change: Due to the location of the existing 12" AC water main at the proposed S-139A location, the contractor was unable to install the proposed new endwall structure. Per Seminole County, the existing water main will not be relocated and the existing endwall will remain at this location.

Change in Contract Price: (\$1,638.41)

Change in Contract Time: 0 Days

ITEM 11

Description of Change: Cost to extend 30" RCP at S-138A (Station 36+15, 57.44 RT)

Reason for Change: The proposed endwall S-138A is located beyond the end of the existing 30" RCP pipe. The Contractor will install new 30" RCP to connect the existing culvert to the new endwall.

Change in Contract Price: \$1,360.00

Change in Contract Time: 0 Days

ITEM 12

Description of Change: Cost of Extending MOT Devices and Facilities

Reason for Change: The cost associated with the time extension for the above items. i.e. – trailer rental, storage yard, maintenance of traffic equipment and set-up

Change in Contract Price: \$10,934.84

Change in Contract Time: 0 Days

CHANGE ORDER SUMMARY			
No.	Description	Change In Contract Price	Change In Contract Time
1	Traffic Signal Mast Arm Modifications	\$12,759.56	49 Days
2	P – Structure to J – Structure change for conflict structures	\$34,276.58	0 Days
3	Reclaimed Water Meter Relocation Station 38+80+/-	\$2,160.53	0 Days
4	Plan Revision Dated 4/18/05 (Driveway Addition At Sta. 47+20 LT)	\$2,725.22	0 Days
5	Plan Revision Dated 1/11/05 (Added Sidewalk and Gravity Wall)	\$30,500.90	0 Days
6	Modifications to S-105 & S-106 (Per RFI's 8, 15, and 16)	\$1,172.61	0 Days
7	Structure changes for S-107 (Per RFI's #7 and #15)	\$2,332.44	0 Days
8	Modifications to S-122, S-122A, and S-124 (Per RFI #9)	\$2,431.76	0 Days
9	Demolition of Existing Curb Inlet at Station 26+65 (Per RFI #20)	\$821.19	0 Days
10	Deletion of S-139A (Station 36+15, 47' LT)	(\$1,638.41)	0 Days
11	Cost to extend 30" RCP at S-138A (Station 36+15, 57.44 RT)	\$1,360.00	0 Days
12	Cost of Extending MOT Devices and Facilities	\$10,934.84	0 Days
TOTAL		\$99,837.21	49 Days