

20. Approve Change Order #3 to FC-1156-01/BJC – C.R. 427 – Phase I (from S.R. 436 to North Street), with Southland Construction, Inc., Apopka (\$350,098.42) (Time Extension).

FC-1156-01/BJC provides for all labor, materials, equipment, coordination and incidentals necessary for the construction of a four (4) lane urban roadway approximately 1.8 miles in length along existing 2 lane corridor from S.R. 436 to North Street (C.R. 427 – Phase I).

Change Order #3 will provide for new pay items and quantity adjustments of existing pay items for work associated with coordination with the U.S. Postal Service, avoidance of a gas main, additional work required to match the new road with the railroad crossing, property acquisition requirements, signalization revisions, along with additional signage, striping, maintenance of traffic and field office items. An additional 201 calendar days of contract time is required for the completion of the project. The following is the summary of the cost of the contract:

Original Contract Sum	\$6,296,516.22
Change Order #1 & 2	320,184.08 (+30 days)
Add Change Order #3	<u>350,098.42</u> (+201 days)
Revised Contract Sum	\$6,966,798.72

Funds will be adjusted by the Budget Division to ensure appropriate funds are available in account numbers 077515-56067000 (Engineering, Roads) and 077521-56067000 (Arterial Road Projects, Roads) CIP #DE51032Z. Public Works/Engineering and Fiscal Services/Purchasing and Contracts Division recommend that the Board approve and authorize the Chairman to execute the Change Order.

SEMINOLE COUNTY, FLORIDA
CHANGE ORDER FOR CONSTRUCTION PROJECTS



Engineering Division

PURCHASING DIVISION
(407) 321-1130

1101 E. First Street
Sanford, FL 32771

CONTRACT NO: FC 1156-01/BJC INITIATION DATE: October 06, 2003 ORIGINAL CONTRACT DATE: 25 Feb 2002
CHANGE ORDER NO: 03 ACCOUNT NO: _____ ARCH/ENG PROJECT: # _____
CONTRACT FOR: CR 427, Phase I, (from S.R. 436 to North Street)

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

See Attachment 'A' for pay item descriptions.

REASON FOR CHANGE(S):

See Attachment 'B' for descriptions.

ORIGINAL CONTRACT SUM:	\$	<u>6,296,516.22</u>
CONTRACT SUM PRIOR TO THIS CHANGE ORDER	\$	<u>6,616,700.30</u>
CHANGE ORDER (increase) (decrease) (unchanged)	\$	<u>350,098.42</u>
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER WILL BE	\$	<u>6,966,798.72</u>
CONTRACT TIME WILL BE (increased) (decreased) (unchanged)		
BY (201) CALENDAR DAYS		<u>201</u>
FINAL COMPLETION DATE THROUGH THIS CHANGE ORDER		<u>22 January 2004</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

PROJECT MANAGER
Public Works/Engineering
DEPT/DIV.
By: [Signature]
Date: 10-28-03

Earth Tech Consulting
ARCHITECT/ENGINEER
30 South Keller Rd, Suite 500
Orlando, FL 32810
ADDRESS
By: [Signature]
David W. Gordon, P.E.
Date: 10/19/03

Southland Construction, Inc.
CONTRACTOR (Seal)
172 West Fourth Street
Apopka, FL 32703
ADDRESS
By: [Signature]
DANIEL L. CARR
Date: 10-9-3

Approved as to form & legal sufficiency: _____

County Attorney

Date

SEMINOLE COUNTY BOARD
OF COUNTY COMMISSIONERS:

ATTEST:

Daryl G. McLain

Chairman

MARYANNE MORSE, Clerk to the Board of County
Commissioners in and for Seminole County, Florida

BCC APPROVAL DATE: _____

DATE: _____

SEMINOLE COUNTY CHANGE ORDER # 03
CR 427 PHASE I
CONTRACT FOR SOUTHLAND CONSTRUCTION, Inc.
CONTRACT NO.: FC-1156-01/BJC

ATTACHMENT 'B'

REASON FOR CHANGE (S):

- A. A new pay item is depicted to compensate the Contractor for furnishing and installing new mailboxes. The U.S. Post Office requested mailbox placement on a secondary street so that service could be maintained during construction, and for a safer delivery pattern after completion.
- B. An existing gas main is located within the roadway width and close to the bottom of roadbed's Type B Stabilization, mixing depth. As an alternate, the Contractor requested use of extra depth limerock to help maintain a safe working separation. This option was approved and the quantity depicted reflects the left roadway from centerline thru outside curb per the typical section for the specified area.
- C. The railroad crossing requires the inclusion of two new pay items. Any activities within CSX's twenty-five foot clear zone necessitated the use of CSX flagmen and they granted minimal time to the Contractor to complete planned work. Therefore, the Contractor was directed to utilize asphalt base rather than planned, stabilization and limerock due to its expedited constructability. In addition, isolated milling of existing pavement between the tracks required specialized smaller equipment than that used elsewhere on the project.
- D. Multiple items are denoted to reflect issues not addressed by contract documents.
1) Fencing items are required to permit gates to be setback so homeowners can maintain access while vehicles are safely behind curb, and also to restore frontage fences thru acquired drainage easements. 2) Seminole County directed the removal of large trees where their main branches would overhang new roadway and trimming would have impacted the stability of the tree. 3) Improvements to an existing drainage ditch near Pond 4 were directed when flow was obstructed by planned construction.
- E. Mast Arm (A3) for new signalization at North Street/CR 427 intersection required a redesign of its foundation. Existing utilities and roadway geometries caused a field revision to the previously approved foundation size. A modified pay item is requested to account for additional design and material costs.

NOLE COUNTY
DER ATTACHMENT 'A'

(*) New or Adjustment						
NAME: CR 427 PHASE I MENT NO. FC-1156-01/BJC IE ORDER NO. 03						
NIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR	UNIT PRICE	AMOUNT	*
EA	0.00	15.00	15.00	\$77.90	\$1,168.50	N
SY	0.00	5709.00	5709.00	\$4.00	\$22,836.00	N
SY	0.00	135.00	135.00	\$26.20	\$3,537.00	N
TN	0.00	580.40	580.40	\$98.70	\$57,285.48	N
LF	0.00	200.00	200.00	\$6.50	\$1,300.00	N
EA	0.00	4.00	4.00	\$63.00	\$252.00	N
EA	0.00	2.00	2.00	\$383.00	\$766.00	N
EA	0.00	3.00	3.00	\$2,852.60	\$8,557.80	N
LS	0.00	1.00	1.00	\$1,418.99	\$1,418.99	N
EA	0.00	1.00	1.00	\$21,453.30	\$21,453.30	N
EA	3.00	2.00	(1.00)	\$21,000.00	(\$21,000.00)	A
AS	89.00	143.00	54.00	\$180.00	\$9,720.00	A
LF	875.00	995.00	120.00	\$0.70	\$84.00	A
LF	2240.00	3986.00	1746.00	\$1.10	\$1,920.60	A
LF	305.00	435.00	130.00	\$1.70	\$221.00	A
S/DA	1 / 410	1 / 641	231.00	\$948.78	\$219,168.18	A
S/DA	1 / 410	1 / 641	231.00	\$92.68	\$21,409.57	A
					\$350,098.42	

r this project are "The Florida Department of Transportation
e supplemental dated 1994. The roadway and traffic design
da Department of Transportation.

- F. Additional signage and striping is necessary to provide information to motorists and identify crosswalks at unsignalized side street intersections.
- G. Cost adjustments to two lump sum items are required due to the additional contract days added by Change Orders. The contract has been extended by 30 days on CO#01 and 201 days in this Change Order. A daily rate was calculated for each (bid value/410 days) and then multiplied by 231 days to determine this cost adjustment.

The final issue concerns a contract time extension of 201 total calendar days. This can be separated into a Contractor time extension request, and project specific holiday and weather days.

Southland submitted an extension request for 196 days based upon six areas of work delays; Florida Power/Progress Energy relocation delay (90 days), Altamonte Springs additional work (30), Casselberry new work (18), Pond 1&3 drainage revisions (35), Sanford Avenue grade revisions (3), and Water-main and S-86 to S-91 plan revisions (20). These were evaluated for their impact upon the final completion date and related critical work activities. This review included; comparisons between original and as-built schedules, timeline accuracy and daily inspection reports documentation of concurrent work activities. Through these methods it was determined that 178 days meet this criteria and are therefore requested for inclusion in the contract. The remaining difference of 18 days accounts for City of Casselberry new water-main performed under a separate contract.

Additional non-compensatory days for inclement weather and allowable contractor vacation periods are as follow:

Thanksgiving	2002	1
December	2002	4
Christmas '02/ New Year '03		3
February	2003	1
March	2003	3
June	2003	4
July	2003	3
August	2003	<u>4</u>
		23 days