

CONSTRUCTION CONTRACTS

11. Approve Change Order #5 to FC-1156-01/BJC – CR 427 Phase I with Southland Construction, Inc., Apopka (\$-2,916.75) (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 SR 436 to North Street (CR 427 – Phase I).

Change Order #5 provided for the final adjustment of quantities to reflect actual quantities. Sixty-nine additional days were need for Progress Energy relocations; fifty-eight additional days due to field conditions; ten additional days for contractor's vacation (as allowed by contract); and two days for inclement weather for a total of 139 additional days for the completion of this project. There will also be an amendment to the Construction Inspection contract to account for inspection services for the additional 139 days of contract time. The pay items adjustment resulted in a \$2,916.75 reduction in the change order.

The following is a summary of the cost of the contract:

Original Contract Sum	\$6,296,516.22
Change Orders 1 – 4	590,129.86
Adjust Change Order #5	<u>-2,916.75 + 139 days</u>
Revised Contract Sum	\$6,883,729.33

Pubic Works Department/Engineering Division and Fiscal Services
Department/Purchasing and Contracts Division recommend that the Board approve and authorize the Chairman to execute Change Order #5.

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: July 21, 2004 ORIGINAL
CHANGE ORDER NO: 05 FINAL ACCOUNT NO: _____ CONTRACT DATE: 25 Feb 2002
CONTRACT FOR: CR 427, Phase I, (from S.R. 436 to North Street) ARCH/ENG PROJECT: # _____

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

See Attachment 'A' for specific pay item additions or quantity adjustments.

REASON FOR CHANGE(S):

See Attachment 'B' for descriptions. Several new items to be added, but most are items considered as over / under-run of contract quantity.

ORIGINAL CONTRACT SUM:	\$	6,296,516.22
CONTRACT SUM PRIOR TO THIS CHANGE ORDER	\$	6,886,646.08
CHANGE ORDER (increase) (decrease) (unchanged)	\$	-2,916.75
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER WILL BE	\$	6,883,729.33
CONTRACT TIME WILL BE (increased) (decreased) (unchanged)		
BY (139) CALENDAR DAYS		139
FINAL COMPLETION DATE THROUGH THIS CHANGE ORDER		09 June 2004

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	<u>Earth Tech Consulting</u>	<u>Southland Construction, Inc.</u>
	ARCHITECT/ENGINEER	CONTRACTOR (Seal)
	30 South Keller Rd, Suite 500	172 West Fourth Street
<u>Public Works/Engineering</u>	<u>Orlando, FL 32810</u>	<u>Apopka, FL 32703</u>
DEPT/DIV.	ADDRESS	ADDRESS
By: <u>[Signature]</u>	By: <u>[Signature]</u>	By: <u>[Signature]</u>
Date: <u>8-11-04</u>	Date: <u>7/23/04</u>	Date: <u>7-22-4</u>

Approved as to form & legal sufficiency:

[Signature]
County Attorney

8/30/04
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: _____

061047
2-1-07

CHANGE ORDER No. 5

(*) New or Adjustment

Attachment 'A'

PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
NEW WORK ITEMS:									
A	425-11	Modify Drainage Structure (S-6)	EA	0	1.00	1.00	\$2,784.50	\$2,784.50	N
B	430-94	Desilting Pipe	LS	0	1.00	1.00	\$4,173.75	\$4,173.75	N
C	632-91	Cable Support Acs. (railroad crossing)	LS	0	1.00	1.00	\$2,286.50	\$2,286.50	N
D	646-000	Modify Mast Poles (height)	EA	0	6.00	6.00	\$748.00	\$4,488.00	N
E	700-90-21	Sign Flashing Beacon (school)(relocate)	AS	0	2.00	2.00	\$1,957.50	\$3,915.00	N
F	666-10	Advanced Auto Body d/way	LS	0	1.00	1.00	\$6,272.45	\$6,272.45	N
G	666-11	Sunoco Lot d/way	LS	0	1.00	1.00	\$8,322.54	\$8,322.54	N
H	666-12	Britt Court and Lyman Road patches	LS	0	1.00	1.00	\$630.00	\$630.00	N
I	666-13	Baptist Church d/way	LS	0	1.00	1.00	\$3,689.70	\$3,689.70	N
J	666-14	Asphalt (API) Unit Price Adjustment	LS	0	1.00	1.00	\$5,606.00	\$5,606.00	N
K	666-15	Bond Cost Adjustment	LS	0	1.00	1.00	\$1,974.00	\$1,974.00	N
L	999-01 (a)	Maintenance of Traffic	LS/DA	231	331	100	\$948.78	\$94,878.00	A
L	999-03 (a)	Field Office	LS/DA	231	350	119	\$92.68	\$11,028.92	A
							subtotal (a)	\$150,049.36	

CHANGE ORDER No. 5

(*) New or Adjustment

Attachment 'A'

PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
EXISTING ITEMS:									
		ROADWAY: over/under-runs							
M	104-1	ARTIFICIAL COVERINGS	SY	447	0	(447.00)	\$2.00	(\$894.00)	A
M	104-4	MOWING	AC	2.3	10.3	8.00	\$300.00	\$2,400.00	A
M	104-10	BAILED HAY OR STRAW	TN	18.1	0.0	(18.10)	\$300.00	(\$5,430.00)	A
M	104-13	STAKED SILT FENCE	LF	2,943	2,901	(42.00)	\$2.00	(\$84.00)	A
M	120-1	REGULAR EXCAVATION	CY	41,645.0	40,785.0	(860.00)	\$4.60	(\$3,956.00)	A
M	120-5	CHANNEL EXCAVATION (Retention Ponds)	CY	27,743.0	27,204.0	(539.00)	\$4.60	(\$2,479.40)	A
M	120-72	GRAVEL FILL	CY	10.0	0.0	(10.00)	\$30.00	(\$300.00)	A
M	142-70	SAND FILL	CY	5,708.0	6,432.0	724.00	\$7.00	\$5,068.00	A
M	160-4	TYPE B STABILIZATION (12")	SY	76,178	69,949	(6,229.00)	\$2.50	(\$15,572.50)	A
M	285-709	OPTIONAL BASE (Group 9)	SY	61,315	60,216	(1,099.00)	\$8.00	(\$8,792.00)	A
M	300-1-3	BITUMINOUS MATERIAL (Tack Coat)	GA	7,522	3,429	(4,093.00)	\$1.00	(\$4,093.00)	A
M	327-70-1	MILLING EXISTING ASPHALT PVM. (1" AVG)	SY	1,542	8,062	6,520.00	\$2.20	\$14,344.00	A
M	327-70-4	MILLING EXISTING ASPHALT PVM. (3" AVG)	SY	950	1,298	348.00	\$2.70	\$939.60	A
M	331-2	ASPHALTIC CONCRETE (ABC)	TN	580.4	674.6	94.20	\$98.70	\$9,297.54	A
M	331-72-20	TYPE 'S' ASPHALTIC CONC. (Inc Bit) (2")	SY	950	1,263	313.00	\$5.50	\$1,721.50	A
M	331-72-30	TYPE 'S' ASPHALTIC CONC. (Inc Bit) (3")	SY	61,315	61,868	553.00	\$7.00	\$3,871.00	A
M	337-5-3	ASPH CONC FRICTION COURSE(1"FC-3)(Rbr)	SY	63,807	70,687	6,880.00	\$3.50	\$24,080.00	A
M	400-1-11	CLASS I CONCRETE (Retaining Walls)	CY	69.5	95.5	26.00	\$440.00	\$11,440.00	A
M	400-1-15	CLASS I CONCRETE (Misc)	CY	5.0	0.0	(5.00)	\$650.00	(\$3,250.00)	A
M	415-1-3	REINFORCING STEEL (Roadway)	LB	1,615	2,355	740.00	\$0.76	\$562.40	A

CHANGE ORDER No. 5

(*) New or Adjustment

Attachment 'A'

PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
M	425-1-311	INLET (Curb Type P-1)(<10)	EA	40	36	(4.00)	\$3,000.00	(\$12,000.00)	A
M	425-1-321	INLET (Curb Type P-2)(<10)	EA	6	4	(2.00)	\$3,000.00	(\$6,000.00)	A
M	425-1-351	INLET (Curb Type P-5)(<10)	EA	2	6	4.00	\$2,800.00	\$11,200.00	A
M	425-1-521	INLET (Ditch Bottom , Type C)(<10)	EA	41	43	2.00	\$1,700.00	\$3,400.00	A
M	425-1-553	INLET (Ditch Bottom , Type E)(J Btm)(<10)	EA	3	2	(1.00)	\$3,600.00	(\$3,600.00)	A
M	425-2-041	MANHOLE (P-7)(<10)	EA	15	14	(1.00)	\$1,800.00	(\$1,800.00)	A
M	425-2-071	MANHOLE (J-7)(<10)	EA	8	10	2.00	\$3,900.00	\$7,800.00	A
M	425-2-101	MANHOLE (J-7 Special)(<10)	EA	9	5	(4.00)	\$4,400.00	(\$17,600.00)	A
M	425-5-1	MANHOLE (Adj Existing Rim)(Utility)	EA	25	1	(24.00)	\$400.00	(\$9,600.00)	A
M	425-5-1-A	MODIFY INLETS	EA	12	11	(1.00)	\$1,202.47	(\$1,202.47)	A
M	425-10	YARD DRAINS (Contingent)	EA	5	2	(3.00)	\$570.00	(\$1,710.00)	A
M	430-1	PIPE REMOVAL	LF	136	175	39.00	\$18.94	\$738.66	A
M	430-11-325	CONC PIPE CULVERT (18" SS)(Class III)	LF	8,050	8,575	525.00	\$44.00	\$23,100.00	A
M	430-11-329	CONC PIPE CULVERT (24" SS)(III)	LF	5,556	4,862	(694.00)	\$52.00	(\$36,088.00)	A
M	430-11-333	CONC PIPE CULVERT (30" SS)(III)	LF	2,371	2,412	41.00	\$62.00	\$2,542.00	A
M	430-11-338	CONC PIPE CULVERT (36" SS)(III)	LF	904	1,116	212.00	\$76.00	\$16,112.00	A
M	430-11-429	CONC PIPE CULVERT (24" SS)(Class IV)	LF	120	0	(120.00)	\$85.00	(\$10,200.00)	A
M	430-141-102	ELLIP CONC PIPE (14" X 23" SS) (HE III)	LF	1,110	905	(205.00)	\$48.00	(\$9,840.00)	A
M	430-141-105	ELLIP CONC PIPE (29" X 45" SS) (HE III)	LF	18	13	(5.00)	\$88.00	(\$440.00)	A
M	430-961-213	PVC PIPE CULVERT(SCH 40, 4")	LF	2,291	2,149	(142.00)	\$23.00	(\$3,266.00)	A
M	430-961-220	PVC PIPE CULVERT(SCH 40, 10")	LF	2,291	2,141	(150.00)	\$29.00	(\$4,350.00)	A

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PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
M	455-133-1	TEMPORARY SHEETING	SF	3,625	3,564	(61.00)	\$20.80	(\$1,268.80)	A
M	515-1-2	PIPE HANDRAIL (ALUMINUM)(Ret. Wall)	LF	187	186	(1.00)	\$33.00	(\$33.00)	A
M	520-1-7	CONCRETE CURB & GUTTER (TYPE E)	LF	4,708	4,331	(377.00)	\$7.40	(\$2,789.80)	A
M	520-1-10	CONC CURB & GUTTER (TYPE F)	LF	16,768	17,433	665.00	\$6.50	\$4,322.50	A
M	520-2-1	CONC CURB & GUTTER (TYPE A)	LF	3,224	2,772	(452.00)	\$6.50	(\$2,938.00)	A
M	520-3	CONC VALLEY GUTTER	LF	130	341	211.00	\$11.00	\$2,321.00	A
M	520-5-11	CONC TRAFFIC SEPARATOR (TYPE I)(4')	LF	204	162	(42.00)	\$12.40	(\$520.80)	A
M	520-5-12	CONC TRAFFIC SEPARATOR (TYPE I)(6')	LF	1,864	2,016	152.00	\$16.40	\$2,492.80	A
M	520-5-16	CONC TRAFFIC SEP. (TYPE I) (8.5' Wide)	LF	833	1,144	311.00	\$26.50	\$8,241.50	A
M	522-1	CONCRETE SIDEWALK (4")	SY	7,175	8,410	1,235.00	\$15.50	\$19,142.50	A
M	522-2	CONCRETE SIDEWALK (6")	SY	5,081	4,786	(295.00)	\$20.00	(\$5,900.00)	A
M	530-1	RIP RAP (SAND CEMENT)	CY	6.5	23.9	17.40	\$200.00	\$3,480.00	A
M	550-2-6	FENCING, TYPE 'B' (4')	LF	200	718	518.00	\$6.50	\$3,367.00	A
M	550-3-6	FENCING CORNER POST ASBLY (4')	EA	4	30	26.00	\$63.00	\$1,638.00	A
M	550-76-122	FENCING GATE (4' height) (12' dbl)	EA	2	6	4.00	\$383.00	\$1,532.00	A
M	570-5	FERTILIZER	TN	6.3	1.0	(5.30)	\$250.00	(\$1,325.00)	A
M	570-9	WATER FOR GRASS	MG	279.9	386	106.10	\$16.00	\$1,697.60	A
M	575-1-1	SODDING (Bahia)	SY	45,166	44,461	(705.00)	\$1.40	(\$987.00)	A
M	666-1	BRICK WALL MODIFICATION (Height)	LF	164	4	(160.00)	\$80.00	(\$12,800.00)	A
M	666-4	ROADWAY LANDSCAPING	LS	1	0.025	(0.975)	\$130,000.00	(\$126,750.00)	A
M	666-5	TEMPORARY FIRE PROTECTION	ED	90	314	224.00	\$52.50	\$11,760.00	A
M	730-76-122	STEEL CASING (F&I)(42")	LF	80	0	(80.00)	\$270.00	(\$21,600.00)	A
M	730-76-211	STEEL CASING (F&I)(20")	LF	80	70	(10.00)	\$160.00	(\$1,600.00)	A

CHANGE ORDER No. 5

(*) New or Adjustment

Attachment 'A'

PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
		STRIPING & SIGNS: over/under-runs							
M	700-40-1	SIGN SINGLE POST (< 12 sf)	AS	143	112	(31.00)	\$180.00	(\$5,580.00)	A
M	700-46-11	SIGN EXISTING(REMOVE)(SINGLE POST)	AS	72	77	5.00	\$25.50	\$127.50	A
M	706-1-12	REFL PAVT MKR (F&I) (Class B) (Colorless/Red)	EA	615	671	56.00	\$3.20	\$179.20	A
M	706-1-12	REFL PAVT MARKER (F&I) (Class B) (Amber)	EA	132	142	10.00	\$3.20	\$32.00	A
M	711-1	SKIP TRAFFIC STRIPE, THERMO (6") (WHT)	GM	3.284	3.386	0.102	\$730.00	\$74.46	A
M	711-3	PAVEMENT MESSAGES, THERMOPLASTIC	EA	11	16	5.00	\$130.00	\$650.00	A
M	711-4	DIRECTIONAL ARROWS, THERMOPLASTIC	EA	57	73	16.00	\$37.00	\$592.00	A
M	711-5	GUIDE LINES, THERMO (6") (2' - 4') (WHT/YEL)	LF	280	429	149.00	\$1.35	\$201.15	A
M	711-6-81	SOLID TRAFFIC STRIPE, THERMO (8") (W/Y)	LF	995	681	(314.00)	\$0.70	(\$219.80)	A
M	711-6-121	SOLID TRAFFIC STRIPE, THERMO (12") (W/Y)	LF	3,986	4,094	108.00	\$1.10	\$118.80	A
M	711-6-181	SOLID TRAFFIC STRIPE, THERMO (18") (W/Y)	LF	435	267	(168.00)	\$1.70	(\$285.60)	A
M	711-6-241	SOLID TRAFFIC STRIPE, THERMO (24") (W/Y)	LF	685	888	203.00	\$2.20	\$446.60	A
M	711-7	REMOVE EXISTING PAVT MARKINGS, THERMO	SF	200	550	350.00	\$1.45	\$507.50	A
M	711-8-61	SOLID TRAFFIC STRIPE, THERMO (6") (W/Y)	NM	6.598	7.425	0.827	\$1,750.00	\$1,447.25	A

CHANGE ORDER No. 5

(*) New or Adjustment

Attachment 'A'

PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
		<i>SIGNALIZATION: over/under-runs</i>							
M	620-1-1	GROUNDING ELECTRODE (F&I)	LF	1,060	470	(590.00)	\$4.50	(\$2,655.00)	A
M	630-1-12	CONDUIT (UNDER GROUND) (F&I)	LF	10,360	10,993	633.00	\$4.20	\$2,658.60	A
M	630-1-13	CONDUIT (UNDER PAVEMENT) (F&I)	LF	3,600	2,751	(849.00)	\$15.00	(\$12,735.00)	A
M	635-1-11	PULL AND JUNCTION BOXES (F&I) (Pull Box)	EA	90	91	1.00	\$260.00	\$260.00	A
M	639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF	60	330	270.00	\$2.50	\$675.00	A
M	659-106	SIGNAL HEAD AUXILIARIES (Tunnel Visor)(F&I)	EA	109	107	(2.00)	\$1.30	(\$2.60)	A
M	660-1-109	INDUCT. LOOP DET (Type 9,2 CH,SS,RM)	EA	21	0	(21.00)	\$220.00	(\$4,620.00)	A
M	660-1-110	INDUCT. LOOP DET (Type 10,2 CH,SS,RM,TD)	EA	4	20	16.00	\$220.00	\$3,520.00	A
M	660-2-102	LOOP ASSEMBLY (6' X 6')(TYPE B)	AS	31	25	(6.00)	\$570.00	(\$3,420.00)	A
M	660-2-106	LOOP ASSEMBLY (6' X 40')(TYPE F)	AS	19	17	(2.00)	\$620.00	(\$1,240.00)	A
M	684-14	SYSTEM COMM. (24 SM/12 MM Fiber)	LF	12,000	12,345	345.00	\$4.00	\$1,380.00	A
M	685-102	SYSTEM AUX. (Multi Field Trans Wire)	EA	2	3	1.00	\$1,400.00	\$1,400.00	A
M	685-128	SYSTEM AUXILIARIES (Interface Panel)	EA	2	3	1.00	\$1,100.00	\$1,100.00	A
M	690-10	REMOVE SIGNAL HEAD	EA	18	22	4.00	\$25.00	\$100.00	A

CHANGE ORDER No. 5

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Attachment 'A'

PROJECT NAME: CR 427; PHASE I, SR 436 to North Street

PROJECT AGREEMENT No. FC-1156-01/BJC

REASON	ITEM NO.	PAY ITEMS	UNIT	PREV. QTY.	NEW QTY.	QTY. INC/DECR.	UNIT PRICE	AMOUNT	*
		CITY CASSELBERRY: over/under-runs							
M	1611-132-18	PVC WATER FITTING (Elbow)(8")	EA	2	0	(2.00)	\$430.00	(\$860.00)	A
M	1611-133-18	DIP WATER FITTING (Elbow)(8")	TN	0.1	0.0	(0.10)	\$3,700.00	(\$370.00)	A
M	1614-140-718	DIP WATER PIPE (Mech Joint)(Class 50)(8")	LF	539	804	265.00	\$22.00	\$5,830.00	A
M	1637-140-116	VALVE BOX, TAPPING CROSS & VALVE (6")	EA	1	0	(1.00)	\$530.00	(\$530.00)	A
M	1637-140-118	VALVE BOX, TAPPING CROSS & VALVE (8")	EA	2	3	1.00	\$700.00	\$700.00	A
							subtotal (b)	(\$152,966.11)	
REQUESTED CHANGE ORDER ADJUSTMENT VALUE: (a) + (b)								(\$2,916.75)	
Final Roadway Value							\$6,344,560.27		
Final City Altamonte Springs Value							\$539,169.06		
FINAL FC-1156-01/BJC CONTRACT VALUE							\$6,883,729.33		

Note: This change order acknowledges that the controlling standard specifications for this project are "The Florida Department of Transportation

Standard Specification for Road and Bridge Construction", dated 1991 with the supplemental dated 1994; and City of Altamonte Springs specifications issued

with the bid package. The roadway and traffic design standards to be used will be those dated January 1994 as issued by the Florida Department of Transportation.

CHANGE ORDER No. 5

Attachment 'B'

Project: CR 427 Phase I, (SR 436 to North Street)
FC 1156-01/BJC

REASON

DESCRIPTION

- | | |
|----------|---|
| A | Initial construction of Storm Structure S-6 was constructed per Standard Index 220; however, the as-built condition restricted vehicular movement into a business entrance. Subsequently, the contractor was directed to correct the condition by modifying the top of the cast-in-place structure. This involved removing the grate and surrounding driveway, then recasting the grate into a slope to accommodate traffic. Compensation is requested for this additional work and three (3) days for inclusion into the contract. |
| B | Compensation is requested for the desilting of two existing pipe systems between stations 619+60 and 623+20. These pipe contained dirt and foreign material that severely restricted storm water run-off from new roadway. Three (3) days are also requested for inclusion into the contract time. |
| C | Plans depicted a fiber interconnect system for signalization throughout the project, however no details were provided in the plans or permits which described a method to cross existing CSX railroad. Therefore, an aerial crossing was installed to avoid permit restrictions of underground bores by CSX. Compensation is requested for the materials/labor necessary to complete the work. |
| D | Several signalization mast poles, which when erected, were too tall and close to power lines. This resulted in the cutting off of a portion of those effected. Compensation is requested for the additional work involved in the shortening of the poles to provide proper clearance. |
| E | Two existing School Zone flashing beacon signs were removed by the contract, but not noted for replacement. Compensation is requested for the labor, materials, and new wiring required in resetting these powered signs. |

REASON

DESCRIPTION

- F** A portion of the Advanced Auto Body parking area was damaged by operations removing large, underground tanks at the edge of ROW. In conjunction with new driveway construction, a section of asphalt was removed and replaced since the area was scared during utility relocation work necessitated by placement of temporary sheeting. Compensation is therefore requested for the additional pavement work and a contract day extension of four (4) days.
- G** Driveway slopes and an adjacent drainage structure initially restricted access to the Sunoco Station's unimproved fenced lot. Modification to this commercial driveway was necessary to permit larger truck traffic access by the renter. The contractor was directed to flatten the slope into the lot, and construct a paved driveway. Compensation is requested for the additional work and contract time extension of five (5) days.
- H** Compensation is requested for additional asphalt and handwork necessary to tie-in existing surface to new construction at Britt Court turnout, and behind Lyman Road's new gutter section.
- I** Improvements to two driveways at St. John's Missionary Baptist Church were directed to match into final construction. Additional concrete and asphalt sections were constructed to maintain accessibility throughout the parking areas. Since this work followed substantial completion, the contract time must be extended to fully account for scheduling and activity durations. Compensation for the new asphalt work, and twenty-one (21) days are requested.
- J** Payment has been calculated for the Asphalt (API) Unit Price Adjustment requested by the contractor, and specified in FDOT Specification 331-6. This item represents total value of the adjustments for all asphalt bid item work.
- K** An increase to the contractor's bond cost has been issued to Southland. Reimbursement is therefore requested per Seminole County's General Conditions, 11.4.2.13, Changes in Contract Price.
- L** Cost adjustments to the lump-sum items of Maintenance of Traffic and Field Office are requested due to the extension of contract time. An established daily rate is multiplied by 100 days (MOT) and 119 days (FO) to determine the cost adjustment. The days are calculated per the following:
- | | | |
|------------|----------------------------------|---------|
| <u>MOT</u> | Fla. Power Delay 580+50 – 593+40 | 69 days |
| | Sunoco lot driveway | 5 |
| | Milling & Turn lane const. | 5 |
| | Merritt St utility conflicts | 4 |
| | Modify S-6 | 3 |
| | Yard drains | 3 |

REASON

DESCRIPTION

L con't	Add sidewalks	3
	Desilt pipe	3
	Oak St stabilization	2
	Utility delays S-39 – S-39A	2
	North St added work	<u>1</u>
		100 days

<u>Field office</u>	22 Jan 2004 (previous final date) to 20 May 2004 (CEI trailer vacated).	119 days
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M Adjustments to the noted existing pay items are the result of quantity over-runs or under-runs. Basis of pay and unit accuracy are determined from the specifications. Actual field measurements, deletions, revisions or plan errors account for the adjustments. Full explanations are provided within the computation book.

TIME EXTENSION REQUEST

The final issue concerns the contract time extension of **139** total calendar days. This is separated into a Contractor time extension request, and project specific holiday and weather days.

Contractor Request:

Southland presented requests for 205 days based upon multiple areas of concerns and work delays. Of primary interest were the proposed delays caused by: Florida Power's failure to timely relocate poles (116 days), CSX caused changes to MOT (21 days), City of Altamonte Springs delay in shutting off utilities (10 days), and numerous additional work items directed to complete the project (58 days). These were discussed with Southland and evaluated for their impacts upon the final completion date and other critical activities. Timeline comparisons, daily inspection reports, and review of concurrent activities were utilized to determine true affects of the added work. It was determined that **127** days meet the criteria and are therefore requested for inclusion in the contract.

Of these **127** days, **36** days are previously discussed within this Attachment. The additional **91** days are comprised of the following issues:

1. Florida Power delay (**69 days**); caused by poles located between 580+50 and 593+40 (RT) that were not relocated until Nov. 06, 2003; thereby resulting in pipe crew inefficiencies and delays since Aug.29, 2003. Contract time extension is recommended since crews were forced to skip sections, work around power company trucks, or shift to misc. work items until the relocation was completed.
2. Milling/turn lane/North Street (**6 days**); additional work was directed at both ends of the project to clarify traffic movements. An existing turn lane was reconstructed due to its deterioration between 537+80 and 539+95 (RT). Milling and resurfacing of the North Street

TIME EXTENSION REQUEST continued

intersection was performed to correct ride-ability and remove conflicting striping; in addition, new sidewalk was constructed here to align handicap crosswalks. Time is requested due to the increased quantities on controlling items of work.

3. Merritt Street utility conflicts (**4 days**); storm drainage installation was impacted by the numerous Sprint conduits and manholes in this intersection. Sprint ultimately decided to relocate the bundle of 12 – 4” conduit to allow continuation of pipe placement. Time is proposed due to Southland’s crew & equipment assistance provided to Sprint, and location revisions to S-21A and S-109 drainage structures.
4. Yard drains (**3 days**); two drains were installed at 612+25 LT and 622+05 LT. Time is requested since the added work was necessary prior to obtaining substantial completion.
5. Added sidewalks (**3 days**); tie in of several private walks to newly constructed sidewalk was directed to complete access to homes. Time impacted by scheduling of subcontractor and concrete availability.
6. Oak Street (**2 days**); high ground water table affected roadbed stabilization. Following unproductive compactive operations, crews spread a layer of filter fabric and backfilled with clean fill to stabilize the area for additional grade work. Time is requested for this additional work activity impact to finish roadway grading.
7. S-39 to 39A utility delays (**2 days**); underground utilities and 9 proposed drainage structures between station 577+00 and 580+50 (RT) resulted in two field revisions to alleviate obstructions. A) Conflict boxes S-37A and 39A were deemed unnecessary following Sprint’s lowering of conduit bundles. B) Pipe crossing was changed to a diagonal between S-34 to 35 to avoid repaired conduit section near S-35. Contract time is requested for the duration of utility realignment operations conducted in the first week of August 2003.
8. Tree removal at 569+75 (RT) (**2 days**); an existing tree located at the edge of right-of-way prohibited construction of a residential driveway. Time is requested for the rescheduling of formwork and concrete crews since an alternate position could not be established when initial layout was performed.

Holiday and Weather:

Twelve, **12** additional non-compensatory days for inclement weather and allowable contractor vacation periods are as follows:

January 2004 rainfall	2
Thanksgiving 2003	4
Christmas 2003	5
New Years 2004	1
	12 days

This Change Order completes the subject project. Final Acceptance granted June 09, 2004 and Substantial Acceptance of April 16, 2004.