

PO# 154898  
oms

# CHANGE ORDER

# FORT BEND COUNTY ENGINEERING

- Distribution:
- FBC Engineering
  - FBC Judge
  - FBC Purchasing
  - Contractor
  - Consultant

Address: 301 Jackson Street  
Richmond, Texas 77469

Phone: 281-633-7500

Fax: 281-342-7366

Web site: www.FortBendCountyTx.gov

PROJECT:  
Sugarland-Howell Road Improvements (Old Richmond to Bissonnet)

CHANGE ORDER NUMBER ..... 01  
DATE ..... 4/10/2019  
PROJECT NUMBER ..... 13211  
CONTRACT FOR ..... \$3,511,155.50  
CONTRACT DATE ..... 7/11/2017  
FBC PURCHASE ORDER NO ..... 154898

CONTRACTOR:  
Aranda Brothers Construction  
11345 Eastex Freeway  
Houston, Texas 77093

The contract is changed as follows:  
Adjust quantities estimated at bid to the actual quantities installed on the project, add 85 days to the contract time due to various delays, and reduce the contract amount following assessment of liquidated damages due to late project completion. See attached documentation.

**Not valid until signed by Fort Bend County and Contractor.**

The Original (Contract Sum)	\$	3,511,155.50 ✓
Net change by previously authorized Change Orders	\$	0.00
The (Contract Sum) Prior to this Change Order was	\$	3,511,155.50 ✓
The (Contract Sum) will be <input type="checkbox"/> increased or <input checked="" type="checkbox"/> decreased or <input type="checkbox"/> unchanged by this Change Order in the amount of	\$	290,350.85
The new (Contract Sum) including this Change Order will be	\$	3,220,804.65 ✓

The Contract Time will be  increased or  decreased or  unchanged by 85 days.  
The Date of Substantial Completion as of this Change Order therefore is  
 changed or  unchanged to **1/03/2019**.

Authorized:

Fort Bend County Engineering  
J Stacy Slawinski, P.E.  
301 Jackson  
Richmond, Texas 77469

CONTRACTOR

Fort Bend County Judge  
Honorable KP George  
301 Jackson St., #719  
Richmond, Texas 77469

By:   
(signature)

By:   
(signature)

By: \_\_\_\_\_  
(signature)

DATE: 04/12/19

DATE: 4/12/2019

DATE: \_\_\_\_\_

Item No.	Item Description	As-Bid Quantities & Totals			As-Built Final Totals			Change Order Total	
		Bid Quantity	Unit	Unit Price	Total Bid Price	Final Installed Quantity	Unit Price		Quantity Adjustment
3	REMOVING AND DISPOSING OF EXISTING DRIVEWAYS AND ASPHALTIC CONCRETE SURFACE AND BASE MATERIAL (EXISTING: ROADWAY, DRIVEWAYS, INTERSECTIONS, RAMPS, AND SIDEWALKS) (ALL DEPTHS AND ALL MATERIALS) (EXTRA DEPTH NEAR BRIDGES) (SAWCUT, REMOVE, DISPOSE)	9245.00	SY	\$10.00	\$92,450.00	9361.50	\$10.00	116.50	\$ 93,615.00
5	LIME STABILIZED SUBGRADE (8-IN DEPTH)	14184.00	SY	\$4.25	\$60,282.00	13839.74	\$4.25	-344.26	\$ 58,818.90
7	HYDRATED LIME OR LIME SLURRY (8-IN DEPTH) (2 #5Y)	298.00	TON	\$185.00	\$55,130.00	290.63	\$185.00	-7.37	\$ 53,766.55
9	CONCRETE PAVING (8-INCH THICK JOINTED REINFORCED CONCRETE PAVEMENT)	12682.00	SY	\$57.00	\$722,874.00	12296.40	\$57.00	-385.60	\$ 700,894.80
11	REINFORCED CONCRETE CURB (6-INCH)	6111.00	LF	\$72.00	\$42,777.00	5938.00	\$72.00	-173.00	\$ 41,566.00
12	REINFORCED CONCRETE DRIVEWAYS (FAST TRACK) (7-INCH)	600.00	SY	\$72.00	\$43,200.00	716.50	\$72.00	116.50	\$ 51,588.00
13	CONCRETE SIDEWALK (4 1/2-INCH REINFORCED CONCRETE) (6' WIDE)	4120.00	SY	\$60.00	\$247,200.00	3927.00	\$60.00	-193.00	\$ 235,620.00
16	ASPHALT TRANSITION (TYPE D HMA C PAV) (2.5 INCH)	21.00	TON	\$175.00	\$3,675.00	39.98	\$175.00	18.98	\$ 6,996.80
19	HYDROMULCH SEEDING	1.59	AC	\$1,300.00	\$2,067.00	0.00	\$1,300.00	-1.59	\$ -
28	CONCRETE OVERLAY (1.5") (BRIDGE DECK)	313.00	SY	\$60.00	\$18,780.00	0.00	\$60.00	-313.00	\$ -
34	STRUCTURAL CONCRETE (BRIDGE SIDEWALK)	168.00	SY	\$50.00	\$8,400.00	174.50	\$50.00	6.50	\$ 8,725.00
40	COMBINATION RAIL (TYPE C23)	268.00	LF	\$105.00	\$28,140.00	287.00	\$105.00	19.00	\$ 30,135.00
43	REINFORCED CONCRETE SLOPE PAVING (5")	231.00	SY	\$70.00	\$16,170.00	224.65	\$70.00	-6.35	\$ 15,725.50
55	ADJUSTING EXISTING FIRE HYDRANT TO GRADE	4.00	EA	\$1,300.00	\$5,200.00	0.00	\$1,300.00	-4.00	\$ -
58	PRECAST CONCRETE GRATE INLET TYPE "A"	6.00	EA	\$2,000.00	\$12,000.00	5.00	\$2,000.00	-1.00	\$ 10,000.00
62	CONNECT PROP M TO EXIST 24" CMP	2.00	EA	\$800.00	\$1,600.00	3.00	\$800.00	1.00	\$ 2,400.00
63	THERMOPLASTIC PAVEMENT MARKING (4IN. YELLOW/SOLID)	6322.00	LF	\$0.50	\$3,161.00	7240.00	\$0.50	918.00	\$ 3,620.00
64	THERMOPLASTIC PAVEMENT MARKING (4IN. YELLOW/DROKEN)	678.00	LF	\$0.50	\$339.00	1200.00	\$0.50	\$22.00	\$ 690.00
65	THERMOPLASTIC PAVEMENT MARKING (6IN. WHITE/SOLID)	263.00	LF	\$1.00	\$263.00	243.00	\$1.00	-20.00	\$ 243.00
66	THERMOPLASTIC PAVEMENT MARKING (12IN. WHITE/SOLID) (STANDARD TYPE CROSSWALK)	347.00	LF	\$3.00	\$1,041.00	208.00	\$3.00	-139.00	\$ 624.00
67	THERMOPLASTIC PAVEMENT MARKING (24IN. WHITE/SOLID) (STOP BAR)	78.00	LF	\$7.00	\$546.00	71.00	\$7.00	-7.00	\$ 497.00
68	THERMOPLASTIC PAVEMENT MARKING (24IN. YELLOW/SOLID)	210.00	LF	\$7.00	\$1,470.00	154.00	\$7.00	-56.00	\$ 1,078.00
77	STRIPING IMPROVEMENTS/ADJUSTMENTS AT BISSONNET	1.00	LS	\$2,500.00	\$2,500.00	0.00	\$2,500.00	-1.00	\$ -
78	4 INCH 2 WAY REFLECTIVE YELLOW RAISED PAVEMENT MARKERS (TYPE II A-A)	242.00	EA	\$5.00	\$1,210.00	353.00	\$5.00	111.00	\$ 1,765.00
80	TRAFFIC CONTROL AND REGULATION (TEMPORARY DRIVEWAYS) (COMMERCIAL)	11.00	EA	\$300.00	\$3,300.00	9.00	\$300.00	-2.00	\$ 2,700.00
84	TEMPORARY SPECIAL SHORING (INSTALL AND REMOVE)	3675.00	SF	\$25.00	\$91,875.00	1740.00	\$25.00	-1935.00	\$ 4,500.00
85	TEMPORARY ASPHALT TRANSITIONS (AT INTERSECTIONS ON PLASTIC SHEETING) (6" AVG DEPTH)	69.00	TON	\$180.00	\$12,420.00	48.00	\$180.00	-21.00	\$ 8,640.00
86	TEMPORARY HOT MIX ASPHALTIC CONCRETE BASE COURSE (BLACK BASE) (AT STORM SEWER CROSSINGS) (PHASE 1 TCP)	2122.00	TON	\$170.00	\$360,740.00	1385.37	\$170.00	-736.63	\$ 235,512.90
87	TCP WORK ZONE PAVT. MARKINGS (4 IN. WHITE) (SOLID) (REMOVABLE)	3413.00	LF	\$1.00	\$3,413.00	0.00	\$1.00	-3413.00	\$ -
88	TCP WORK ZONE PAVT. MARKINGS (4 IN. YELLOW) (SOLID) (REMOVABLE)	326.00	LF	\$1.00	\$326.00	300.00	\$1.00	-26.00	\$ 300.00
89	TCP WORK ZONE PAVT. MARKINGS (4 IN. WHITE) (BRK) (REMOVABLE)	221.00	LF	\$1.00	\$221.00	0.00	\$1.00	-221.00	\$ -
90	TCP WORK ZONE PAVT. MARKINGS (4 IN.) (WHITE) (CAT TRACK)	50.00	LF	\$2.00	\$100.00	54.00	\$2.00	4.00	\$ 108.00
94	HYDROMULCH SEEDING	0.11	AC	\$2,000.00	\$220.00	0.00	\$2,000.00	-0.11	\$ -
98	CONCRETE SIDEWALK (6") (INCLUDES EXCAVATION)	444.00	SY	\$70.00	\$31,080.00	422.00	\$70.00	-22.00	\$ 29,540.00
101	CUT AND ADJUST EXISTING 16" WELDED STEEL 45 DEGREE OFFSET BENDS (BURIED AND AT SURFACE) TO ACCOMMODATE REINSTALLATION OF 16" WELDED STEEL WATER LINE ON BRIDGE PIPE HANGERS	2.00	EA	\$2,500.00	\$5,000.00	1.00	\$2,500.00	-1.00	\$ 2,500.00
102	REMOVE AND REPLACE STEEL TO AC PIPE ADAPTERS	2.00	EA	\$3,000.00	\$6,000.00	1.00	\$3,000.00	-1.00	\$ 3,000.00
105	SEWAGE CONTROL SYSTEM	1.00	LS	\$1,000.00	\$1,000.00	0.00	\$1,000.00	-1.00	\$ -
107	PRESSURE TESTING OF PIPE AND DISINFECTION OF WATER LINE	1.00	LS	\$3,500.00	\$3,500.00	0.00	\$3,500.00	-1.00	\$ -
108	16" PVC C905 WATER LINE (INCL. TRENCH SAFETY)	32.00	LF	\$55.00	\$1,760.00	0.00	\$55.00	-32.00	\$ -
110	16" PVC TO WELDED STEEL PIPE ADAPTERS	2.00	EA	\$4,000.00	\$8,000.00	0.00	\$4,000.00	-2.00	\$ -
111	16" WELDED STEEL WATER LINE (0.375-INCH THICKNESS)	40.00	LF	\$300.00	\$12,000.00	0.00	\$300.00	-40.00	\$ -
112	VIDEO TAPING PROJECT IN ACCORDANCE WITH SPECIFICATIONS	1.00	LS	\$4,500.00	\$4,500.00	0.00	\$4,500.00	-1.00	\$ -
<b>Liquidated Damages</b>					<b>\$3,511,155.50</b>				<b>\$ 3,239,304.65</b>
Item No.	Item Description	Bid Quantity	Unit	Unit Price	Total Bid Price	Days	Cost/Day	Total LD's	
N/A	Liquidated Damages - Contract Rate @ \$500.00 per Day	0.00	Day	\$500.00	\$0.00	-37.00	\$500.00	\$ (18,500.00)	
<b>TOTALS</b>					<b>\$3,511,155.50</b>				<b>\$ (18,500.00)</b>
<b>CONTRACT TOTALS</b>					<b>\$3,511,155.50</b>				<b>\$ (290,350.85)</b>



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April 03, 2019

Aranda Brothers Construction  
11345 Eastex Freeway  
Houston, Texas 77093

ATTN: Armando Aranda

RE: Sugarland-Howell Road Construction  
Fort Bend Project No. 13211  
Project Delay Day Review

The project records have been reviewed for events resulting in delay caused by the owner or others outside the control of Aranda Brothers. The following summarizes the events identified.

**Bike Trail** – Notice to Stop Work on all items on the east side of Retaining Wall Nos. 2 & 3 was given on 8/10/2018 following Fort Bend receiving notice from the Keegan' Bayou Improvement District requesting additions to the Bike Trail. Notice to Resume Work was given on 11/07/2018 for work in the stopped areas as no additional Bike Trail would be added by the current contract. The resulting delay from this issue is between the Contract End Date of 10/10/2018 and the Notice to Resume Work given on 11/07/2018 plus an additional 9 Days to complete the items stopped. 37 Days will be added by Change Order for this delay.

**Waterline Added by MUD** – Work on the project was stopped on 12/21/2018 awaiting the local MUD to add waterline on the south side of the Keegan's Bayou Bridge. The MUD completed their work on 1/23/2019 enabling Aranda to complete their work in the same area. The resulting delay from this issue is between the stop work date on 12/21/2018 and completion of the waterline on 1/23/19 plus an additional 15 days to complete the items stopped. 48 Days will be added by Change Order for this delay.

A change order to increase the contract time by 85 days will be processed to revise the contract end date to 1/03/2019. If you have any questions, please call me at (713) 975-8555 to discuss.

Respectfully,

**OTHON, INC.**

A handwritten signature in blue ink that reads "Robert E. Baker".

Robert E. Baker

Construction Manager

REB:sdn

cc: Stacy Slawinski

Wesley Crawford

Project File