

**CITY OF CORPUS CHRISTI
ENGINEERING SERVICES
CHANGE ORDER**



CHANGE ORDER NO:	5	CHANGE ORDER DATE:	9/25/2019
PROJECT:	Rodd Field Road - Yorktown Blvd. to Saratoga Blvd. (Bond 2014)	PROJECT NUMBER:	E15112
CONTRACTOR:	Haas-Anderson Construction, Ltd	ORIGINAL CONTRACT TIME:	810 CD's
ENGINEER:	LJA Engineering		

Make the following additions, modifications or deletions to the work described in the Contract Documents:

ADDITIONS				Quantity	Unit	Unit Price	Total
Title/RFI/Description of work							
1	Traffic Signal	IJ1	DRILL SHAFT (TRF SIGN. POLE) (24 IN)	24	LF	\$ 236.00	\$ 5,664.00
2	Traffic Signal	IJ2	DRILL SHAFT (TRF SIGN. POLE) (48 IN)	44	LF	\$ 706.00	\$ 31,064.00
3	Traffic Signal	IJ3	TRAFFIC SIGNAL CONTROLLER UNIT	1	EA	\$ 5,260.00	\$ 5,260.00
4	Traffic Signal	IJ4	TRAFFIC SIGNAL CABINET AND ASSEMBLIES	1	EA	\$ 16,800.00	\$ 16,800.00
5	Traffic Signal	IJ5	CONDT (PVC) (SCHD 40) (2")	165	LF	\$ 8.40	\$ 1,386.00
6	Traffic Signal	IJ6	CONDT (PVC) (SCHD 40) (4")	285	LF	\$ 19.00	\$ 5,415.00
7	Traffic Signal	IJ7	CONDT (PVC) (SCHD 40) (2") (BORE)	420	LF	\$ 22.00	\$ 9,240.00
8	Traffic Signal	IJ8	CONDT (PVC) (SCHD 40) (4") (BORE)	840	LF	\$ 32.00	\$ 26,880.00
9	Traffic Signal	IJ9	ELEC. CONDR. (NO.6) BARE	15	LF	\$ 1.50	\$ 22.50
10	Traffic Signal	IJ10	ELEC. CONDR. (NO.6) INSULATED	30	LF	\$ 1.60	\$ 48.00
11	Traffic Signal	IJ11	ELEC. CONDR. (NO.8) BARE	1695	LF	\$ 1.25	\$ 2,118.75
12	Traffic Signal	IJ12	ELEC. CONDR. (NO. 8) INSULATED	540	LF	\$ 1.25	\$ 675.00
13	Traffic Signal	IJ13	TRAY CABLE (3 CONDR.) (12 AWG)	2010	LF	\$ 2.35	\$ 4,723.50
14	Traffic Signal	IJ14	GROUND BOX TY D WITH APRON	6	EA	\$ 1,160.00	\$ 6,960.00
15	Traffic Signal	IJ15	ELEC. SRV. TY T 120/240 000 (NS)SS(E)PS(U)	1	EA	\$ 8,270.00	\$ 8,270.00
16	Traffic Signal	IJ16	ILSN (LED) 8S	4	EA	\$ 4,950.00	\$ 19,800.00
17	Traffic Signal	IJ17	NEMA TYPE CONTROLLER FOUNDATION	1	EA	\$ 2,630.00	\$ 2,630.00
18	Traffic Signal	IJ18	INSTALL HWY TRF SIG (ISOLATED)	1	EA	\$ 21,100.00	\$ 21,100.00
19	Traffic Signal	IJ19	LED LUMINARE	2	EA	\$ 526.00	\$ 1,052.00
20	Traffic Signal	IJ20	LEFT TURN YIELD ON FLASHING YELLOW ARROW (R10-17T)(3	4	EA	\$ 474.00	\$ 1,896.00
21	Traffic Signal	IJ26	INSTALL 12 INCH VEHICLE SIGNAL SECTION WITH SLOTTE	8	EA	\$ 132.00	\$ 1,056.00
22	Traffic Signal	IJ27	INSTALL 12 INCH VEHICLE SIGNAL SECTION WITH SLOTTE	4	EA	\$ 147.00	\$ 588.00
23	Traffic Signal	IJ28	INSTALL PEDESTRIAN SIGNAL SECTION (16 INCH)	8	EA	\$ 621.00	\$ 4,968.00
24	Traffic Signal	IJ29	LED COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	8	EA	\$ 621.00	\$ 4,968.00
25	Traffic Signal	IJ30	TRF SIG CBL (TY A) (14 AWG) (4 CONDR.)	285	LF	\$ 1.60	\$ 456.00
26	Traffic Signal	IJ31	TRF SIG CBL (TY A) (14 AWG) (5 CONDR.)	300	LF	\$ 1.90	\$ 570.00
27	Traffic Signal	IJ32	TRF SIG CBL (TY A) (14 AWG) (7 CONDR.)	285	LF	\$ 2.00	\$ 570.00
28	Traffic Signal	IJ33	TRF SIG CBL (TY A) (14 AWG) (16 CONDR.)	705	LF	\$ 3.70	\$ 2,608.50
29	Traffic Signal	IJ35	INS TRS SIG PL AM (S) 1 ARM (65')	1	EA	\$ 26,000.00	\$ 26,000.00
30	Traffic Signal	IJ37	PED POLE ASSEMBLY	4	EA	\$ 948.00	\$ 3,792.00
31	Traffic Signal	IJ38	PED DETECT PUSH BUTTON (APS)	8	EA	\$ 842.00	\$ 6,736.00
32	Traffic Signal	IJ39	PED DETECTOR CONTROLLER UNIT	1	EA	\$ 4,420.00	\$ 4,420.00
33	Traffic Signal	IJ40	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12 IN) LE	8	EA	\$ 263.00	\$ 2,104.00
34	Traffic Signal	IJ41	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12 IN) LE	4	EA	\$ 263.00	\$ 1,052.00
35	Traffic Signal	IJ42	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12 IN) LE	8	EA	\$ 263.00	\$ 2,104.00
36	Traffic Signal	IJ43	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12 IN) LE	8	EA	\$ 263.00	\$ 2,104.00
37	Traffic Signal	IJ44	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12 IN) LE	8	EA	\$ 263.00	\$ 2,104.00
38	Traffic Signal	IJ45	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12 IN) LE	4	EA	\$ 263.00	\$ 1,052.00
39	Traffic Signal	IJ46	BATTERY BACK-UP SYSTEM FOR SIGNAL CABINETS	1	EA	\$ 8,420.00	\$ 8,420.00
40	Traffic Signal	IJ47	RADAR PRESENCE DETECTOR (WAVETRONIX)	4	EA	\$ 7,270.00	\$ 29,080.00
41	Traffic Signal	IJ48	RADAR DETECTOR COMM & POWER CABLE (CAT 5-E 4C TWIS	1980	LF	\$ 3.15	\$ 6,237.00
42	Traffic Signal	IJ49	RADAR ADVANCE DETECTION DEVICE (WAVETRONIX)	4	EA	\$ 7,370.00	\$ 29,480.00
43	Traffic Signal	IJ50	PAN-TILT-ZOOM CCTV CAMERA (IN PLACE) (COHU)	1	EA	\$ 5,690.00	\$ 5,690.00
44	Traffic Signal	IJ51	CCTV CAMERA #18 2C CABLE POWER	105	LF	\$ 1.05	\$ 110.25
45	Traffic Signal	IJ52	CCTV CAMERA COAXIAL CABLE COMMUNICATION	105	LF	\$ 1.05	\$ 110.25
46	General	IA9	TEMPORARY PAVEMENT FOR TRAFFIC CONTROL	7000	SY	\$ 26.00	\$ 182,000.00
47	Street	IB35	FULL DEPTH PAVEMENT REPAIR	224	SY	\$ 66.00	\$ 14,784.00
48	General	NEW	MESSAGE BOARDS FOR TRAFFIC CONTROL	1	EA	\$ 20,743.00	\$ 20,743.00
49	Traffic Signal	NEW	DRILL SHAFT (TRF SIGN. POLE) (36 IN)	30	LF	\$ 903.00	\$ 27,090.00
50	Traffic Signal	NEW	WIND DAMPENER	2	EA	\$ 1,995.00	\$ 3,990.00
51	Traffic Signal	NEW	INS TRF SIG PL AM (S) 1 ARM (40')	1	EA	\$ 15,705.59	\$ 15,705.59
52	Traffic Signal	NEW	INS TRF SIG PL AM (S) 1 ARM (40') LUM & IL	1	EA	\$ 18,879.10	\$ 18,879.10
52	Traffic Signal	NEW	INS TRF SIG PL AM (S) 1 ARM (60') LUM & IL	1	EA	\$ 37,930.30	\$ 37,930.30
						Additions Total:	\$ 638,506.74

DELETIONS							
1	Additive	IL1	ALLOWANCE FOR BROOKE ROAD TRAFFIC SIGNAL IMPROV.	-1	LS	(\$250,000.00)	\$ 250,000.00
						Deletions Total:	\$ 250,000.00

Additional Calendar Days requested

NET TOTAL OF THIS CHANGE ORDER: \$ 388,506.74

Why was this Change necessary:

When the project was a bid, a signal was proposed for this intersection but plans were not finalized. This change includes all requirements for a new signal at this location.

The compensation agreed upon in this Change Order is full, complete and final payment for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged work as a result of this Change Order.

Original Contract Amount	\$ 15,236,240.05
Total Change Order Contingency Amount (25%)	\$ 3,809,060.01
Remaining Available Contingency Amount (including this CO)	\$ 3,331,354.90
Previously Approved Change Order Amount	\$ 89,198.37
Proposed Change Order Amount	\$ 388,506.74
Revised Contract Amount	\$ 15,713,945.16
Percent of Total Change Orders (including this CO)	3.14%
Original Contract Time for Substantial Completion	810 CD's
Notice to Proceed Date	1/21/2019
Original Substantial Completion Date	4/10/2021
Previously Approved Change Order Time	0 CD's
Additional Time on This Change Order	0 CD's
Revised Contract Time for Substantial Completion	810 CD's
Revised Substantial Completion Date	4/10/2021

CITY OF CORPUS CHRISTI
ENGINEERING SERVICES
CHANGE ORDER



CHANGE ORDER NO: 5
PROJECT: Rodd Field Road - Yorktown Blvd. to Saratoga Blvd. (Bond 2014)
CONTRACTOR: Haas-Anderson Construction, Ltd
ENGINEER: LJA Engineering

CHANGE ORDER DATE: 9/25/2019
PROJECT NUMBER: E15112
ORIGINAL CONTRACT TIME: 810 CD's

REVIEWED BY: LJA Engineering

REQUESTED BY: Haas-Anderson Construction, Ltd

n/a
Engineer Date

Scott Kuef 9/25/19

Contractor Date

CITY OF CORPUS CHRISTI

RECOMMENDED BY: _____
Brett Van Hazel Date
Construction Engineer

FUND: XXXX-XXX	XXXX-XXX
ACCOUNT: XXXXXX	XXXXXX
ACTIVITY: XXXXXX-XX-XXXX-XXX	XXXXXX-XX-XXXX-XXX
AMOUNT: \$0.00	\$0.00

RECOMMENDED BY: _____
Jeff H. Edmonds Date
Director of Engineering Services

APPROVED BY: _____
Mark Van Vleck, P.E. Date
Assistant City Manager

RECOMMENDED BY: _____
Eddie Houlihan, Director Date
Management and Budget

APPROVED AS TO FORM: _____
Kent McIllyar Date
Assistant City Attorney