CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #4F
DISK DRIVE AND HAINES AVENUE INTERSECTION
PROJECT NO. 16-2347 / CIP NO. 51121
APRIL 23, 2020
ORIGINAL CONTRACT AMOUNT: $1,121,843.17
CONTRACTOR: TRU-FORM CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	$61,000.00	$61,000.00	1.00	$61,000.00	$0.00
2	INCIDENTAL	LS	1.00	$40,000.00	$40,000.00	1.00	$40,000.00	$0.00
3	CONSTRUCTION STAKING	LS	1.00	$10,000.00	$10,000.00	1.00	$10,000.00	$0.00
4	REESTABLISH PROPERTY CORNER	EA	1.00	$765.00	$765.00	1.00	$765.00	$0.00
5	CLEARING & GRUBBING	LS	1.00	$7,000.00	$7,000.00	1.00	$7,000.00	$0.00
6	REMOVE AC PAVEMENT	SY	85.00	$20.00	$1,700.00	85.00	$1,700.00	$0.00
7	REMOVE PCC PAVEMENT	SY	3,473.50	$14.65	$50,886.78	3,473.50	$50,886.78	$0.00
8	REMOVE CONCRETE CURB & GUTTER	LF	354.00	$2.20	$778.80	556.84	$1,225.05	$446.25
9	REMOVE CONCRETE FILLET & PAN	SY	179.30	$10.00	$1,793.00	179.30	$1,793.00	$0.00
10	REMOVE PCC SIDEWALK	SF	3,337.40	$5.00	$16,687.00	3,049.34	$15,246.70	($1,440.30)
11	REMOVE & RESET GRAVEL FILTER SOCKS	FT	23.00	$3.00	$69.00	23.00	$69.00	$0.00
12	REMOVE & RESET SIGN	EA	6.00	$65.00	$390.00	6.00	$390.00	$0.00
13	AASHTO T-180 SOIL TEST	EA	3.00	$321.00	$963.00	4.00	$1,284.00	$321.00
14	TOPSOIL, STOCKPILE & REPLACE	CY	76.00	$54.00	$4,104.00	76.00	$4,104.00	$0.00
15	SODDING	SY	857.30	$10.00	$8,573.00	835.40	$8,354.00	($219.00)
16	4" UNDERDRAIN LINE	LF	675.00	$10.00	$6,750.00	675.00	$6,750.00	$0.00
17	EXCAVATION, UNCLASSIFIED	CY	1,723.00	$13.00	$22,399.00	1,723.00	$22,399.00	$0.00
18	EXCAVATION, UNCLASSIFIED - DIGOUTS	CY	10.00	$57.10	$571.00	0.00	$0.00	($571.00)
19	(TRENCH)	CY	21.00	$246.80	$5,182.80	21.00	$5,182.80	$0.00
20	WATER MAIN CONCRETE ENCASEMENT	EA	1.00	$2,943.00	$2,943.00	2.00	$5,886.00	$2,943.00
21	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	105.00	$27.80	$2,919.00	21.33	$592.97	($2,326.03)
22	TYPE I BEDDING MATERIAL	T	90.00	$41.20	$3,708.00	208.07	$8,572.48	$4,864.48
23	TYPE III FOUNDATION MATERIAL	T	120.00	$47.05	$5,646.00	37.21	$1,750.73	($3,895.27)
24	8" PVC SEWER MAIN (8'- 10')	LF	100.00	$42.00	$4,200.00	100.00	$4,200.00	$0.00
25	8" PVC SEWER MAIN (10'-12')	LF	50.00	$51.50	$2,575.00	50.00	$2,575.00	$0.00
26	8" PVC SEWER MAIN (12'-14')	LF	0.00	$129.00	$0.00	0.00	$0.00	$0.00
27	4" PVC SEWER SERVICE LINE	LF	8.00	$119.00	$952.00	8.00	$952.00	$0.00
28	CONNECT TO EXISTING SEWER MAIN	EA	1.00	$1,337.00	$1,337.00	1.00	$1,337.00	$0.00

29	RECONNECT SEWER SERVICE	EA	2.00	$223.00	$446.00	2.00	$446.00	$0.00
30	CONNECT TO EXISTING MANHOLE	EA	0.00	$1,132.00	$0.00	0.00	$0.00	$0.00
31	BYPASS PUMPING	LS	0.00	$10,000.00	$0.00	0.00	$0.00	$0.00
32	6" PVC WATER MAIN C-900, DR-18, RESTRAINED JOINT	LF	76.50	$54.00	$4,131.00	76.50	$4,131.00	$0.00
33	8" PVC WATER MAIN C-900, DR-18, RESTRAINED JOINT	LF	148.33	$49.00	$7,268.17	148.33	$7,268.17	$0.00
34	10" PVC WATER MAIN C-900, DR-18, RESTRAINED JOINT	LF	296.00	$62.00	$18,352.00	296.00	$18,352.00	$0.00
35	12" PVC WATER MAIN C-900, DR-18, RESTRAINED JOINT	LF	319.67	$83.00	$26,532.61	319.67	$26,532.61	$0.00
36	16" PVC WATER MAIN C-900, DR-18, RESTRAINED JOINT	LF	138.00	$129.00	$17,802.00	138.00	$17,802.00	$0.00
37	6" 45 DEGREE BEND	EA	0.00	$369.00	$0.00	0.00	$0.00	$0.00
38	8" 90 DEGREE BEND	EA	2.00	$709.00	$1,418.00	2.00	$1,418.00	$0.00
39	10" 45 DEGREE BEND	EA	2.00	$932.00	$1,864.00	2.00	$1,864.00	$0.00
40	12" 45 DEGREE BEND	EA	6.00	$749.00	$4,494.00	6.00	$4,494.00	$0.00
41	16" X 12" CROSS	EA	1.00	$2,943.00	$2,943.00	1.00	$2,943.00	$0.00
42	10" HIGH DEFLECTION COUPLING	EA	2.00	$702.00	$1,404.00	2.00	$1,404.00	$0.00
43	8" MJ PLUG	EA	0.00	$404.00	$0.00	0.00	$0.00	$0.00
44	8" X 6" REDUCER	EA	1.00	$421.00	$421.00	1.00	$421.00	$0.00
45	12" X 10" REDUCER	EA	1.00	$624.00	$624.00	1.00	$624.00	$0.00
46	8" X 8" X 8" TEE	EA	0.00	$883.00	$0.00	0.00	$0.00	$0.00
47	10" X 10" X 6" TEE	EA	1.00	$1,009.00	$1,009.00	1.00	$1,009.00	$0.00
48	12" X 12" X 6" TEE	EA	1.00	$900.00	$900.00	1.00	$900.00	$0.00
49	16" X 16" X 8" TAPPING TEE	EA	2.00	$4,116.00	$8,232.00	2.00	$8,232.00	$0.00
50	10" GATE VALVE W/ BOX	EA	2.00	$3,012.00	$6,024.00	2.00	$6,024.00	$0.00
51	12" GATE VALVE W/ BOX	EA	2.00	$3,422.00	$6,844.00	2.00	$6,844.00	$0.00
52	16" GATE VALVE W/ BOX	EA	2.00	$8,422.00	$16,844.00	2.00	$16,844.00	$0.00
53	FIRE HYDRANT W/AUX VALVE, BOX & LEAD	EA	2.00	$7,420.00	$14,840.00	2.00	$14,840.00	$0.00
54	1" COPPER SERVICE	LF	160.00	$45.00	$7,200.00	160.00	$7,200.00	$0.00
55	1" TAPPING SADDLE	EA	2.00	$471.00	$942.00	2.00	$942.00	$0.00
56	1" CURB STOP & BOX	EA	2.00	$651.00	$1,302.00	2.00	$1,302.00	$0.00
57	CONNECT TO EXISTING WATER MAIN	EA	10.00	$1,234.80	$12,348.00	10.00	$12,348.00	$0.00
58	RECONNECT WATER SERVICE	EA	2.00	$360.00	$720.00	2.00	$720.00	$0.00
59	CORROSION PROTECTION TEST STATION	EA	3.00	$345.00	$1,035.00	3.00	$1,035.00	$0.00
60	TRACER WIRE BOX	EA	3.00	$206.00	$618.00	3.00	$618.00	$0.00
61	EROSION AND WATER POLLUTION CONTROL	LS	1.00	$7,934.00	$7,934.00	1.00	$7,934.00	$0.00
62	WATER FOR DUST CONTROL	MGAL	100.00	$41.64	$4,164.00	20.50	$853.62	($3,310.38)
63	SILT FENCE, HIGH FLOW	LF	73.00	$8.00	$584.00	0.00	$0.00	($584.00)
64	ROCK CONSTRUCTION ENTRANCE	EA	10.00	$1,241.60	$12,416.00	1.00	$1,241.60	($11,174.40)

65	TYPE B INLET PROTECTION DEVICE	EA	14.00	$151.00	$2,114.00	14.00	$2,114.00	$0.00
66	TYPE S/E INLET PROTECTION DEVICE	LF	33.00	$19.00	$627.00	22.00	$418.00	($209.00)
67	GRAVEL FILTER SOCK	LF	64.00	$14.50	$928.00	32.00	$464.00	($464.00)
68	SWEEPING	HR	100.00	$109.59	$10,959.00	148.50	$16,274.12	$5,315.12
69	AGGREGATE BASE COURSE	T	49.90	$40.00	$1,996.00	182.42	$7,296.80	$5,300.80
70	GRAVEL CUSHION	T	2,241.00	$13.00	$29,133.00	2,146.21	$27,900.73	($1,232.27)
71	GEOGRID REINFORCEMENT	SY	1,333.70	$5.00	$6,668.50	1,333.70	$6,668.50	$0.00
72	AC, CLASS G, TYPE 1 PG64-28	T	27.95	$250.00	$6,987.50	34.01	$8,502.50	$1,515.00
73	PCC APPROACH PAVEMENT, 6" REINFORCED	SY	20.00	$102.50	$2,050.00	20.00	$2,050.00	$0.00
74	PCC PAVEMENT, 6" NONREINFORCED	SY	109.20	$80.00	$8,736.00	109.20	$8,736.00	$0.00
75	PCC PAVEMENT, 7" NONREINFORCED	SY	987.40	$60.00	$59,244.00	987.40	$59,244.00	$0.00
76	PCC PAVEMENT, 9" NONREINFORCED	SY	2,218.30	$72.18	$160,116.89	2,218.30	$160,116.89	$0.00
77	CONCRETE CURB & GUTTER, TYPE B6-6	LF	42.00	$42.00	$1,764.00	18.00	$756.00	($1,008.00)
78	CONCRETE CURB & GUTTER, TYPE B6-7	LF	267.00	$34.00	$9,078.00	558.00	$18,972.00	$9,894.00
79	CONCRETE CURB & GUTTER, TYPE B6-9	LF	812.00	$29.00	$23,548.00	478.50	$13,876.50	($9,671.50)
80	CONCRETE "P6" GUTTER	LF	51.00	$42.00	$2,142.00	55.00	$2,310.00	$168.00
81	CONCRETE "P9" GUTTER	LF	75.00	$29.00	$2,175.00	32.00	$928.00	($1,247.00)
82	CONCRETE FILLET & PAN, 6" REINFORCED	SY	11.70	$130.00	$1,521.00	11.70	$1,521.00	$0.00
83	CONCRETE FILLET & PAN, 9" REINFORCED	SY	191.20	$110.00	$21,032.00	191.20	$21,032.00	$0.00
84	SPALL REPAIR	SF	122.40	$90.00	$11,016.00	122.40	$11,016.00	$0.00
85	JOINT RESEALING	LF	3,343.00	$1.00	$3,343.00	3,343.00	$3,343.00	$0.00
86	DOWEL BAR	EA	1,919.00	$7.00	$13,433.00	1,880.00	$13,160.00	($273.00)
87	INSTALL #10 STEEL BAR IN CONCRETE	EA	399.00	$14.00	$5,586.00	296.00	$4,144.00	($1,442.00)
88	INSTALL #5 SMOOTH STEEL BAR IN CONCRETE	EA	342.00	$7.00	$2,394.00	526.00	$3,682.00	$1,288.00
89	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	2,535.90	$5.00	$12,679.50	2,765.96	$13,829.80	$1,150.30
90	CONCRETE SIDEWALK, 4" COLORED	SF	1,098.60	$10.00	$10,986.00	1,098.60	$10,986.00	$0.00
91	CONCRETE SIDEWALK, 4" STAMPED	SF	97.50	$10.40	$1,014.00	142.50	$1,482.00	$468.00
92	CONCRETE SIDEWALK WITH VARIABLE HEIGHT CURB	SF	309.50	$18.00	$5,571.00	309.50	$5,571.00	$0.00
93	DETECTABLE WARNING PANEL	SF	90.00	$24.80	$2,232.00	90.00	$2,232.00	$0.00
94	CONCRETE TYPE C RETAINING WALL (0-2')	LF	137.00	$79.00	$10,823.00	137.00	$10,823.00	$0.00
95	PEDESTRIAN PUSH BUTTON POLE	EA	8.00	$1,055.00	$8,440.00	8.00	$8,440.00	$0.00
96	PAVEMENT MARKING PAINT, 4" WHITE	LF	82.00	$1.00	$82.00	1,111.00	$1,111.00	$1,029.00
97	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	LF	1,054.00	$4.00	$4,216.00	1,736.00	$6,944.00	$2,728.00
98	COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	LF	633.00	$7.00	$4,431.00	587.16	$4,110.12	($320.88)

99	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	LF	569.00	$13.00	$7,397.00	500.96	$6,512.48	($884.52)
100	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	EA	8.00	$206.00	$1,648.00	15.00	$3,090.00	$1,442.00
101	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	LF	1,054.00	$2.00	$2,108.00	1,736.00	$3,472.00	$1,364.00
102	GROOVE FOR COLD APPLIED PLASTIC MARKING, 12"	LF	633.00	$2.00	$1,266.00	587.16	$1,174.32	($91.68)
103	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	LF	569.00	$4.00	$2,276.00	500.96	$2,003.84	($272.16)
104	ARROW	EA	8.00	$78.00	$624.00	15.00	$1,170.00	$546.00
105	ROAD SIGN	SF	50.00	$14.68	$734.00	46.50	$682.62	($51.38)
106	SIGN POST	LF	50.00	$20.06	$1,003.00	44.00	$882.64	($120.36)
107	TRAFFIC CONTROL SIGNS	SF	415.30	$10.00	$4,153.00	552.75	$5,527.50	$1,374.50
108	TRAFFIC CONTROL, MISCELLANEOUS	LS	1.00	$20,000.00	$20,000.00	1.00	$20,000.00	$0.00
109	TYPE 3 BARRICADE, 8' SINGLE SIDED	EA	8.00	$292.00	$2,336.00	19.00	$5,548.00	$3,212.00
110	TYPE A ADVANCE WARNING ARROW BOARD	EA	4.00	$1,235.00	$4,940.00	5.00	$6,175.00	$1,235.00
111	TEMPORARY PAVEMENT MARKING	FT	10,222.00	$1.00	$10,222.00	3,803.00	$3,803.00	($6,419.00)
112	TRAFFIC CONTROL MOVABLE CONCRETE BARRIER	EA	16.00	$663.00	$10,608.00	12.00	$7,956.00	($2,652.00)
113	FLAGGING	HR	100.00	$22.60	$2,260.00	11.00	$248.60	($2,011.40)
114	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2.00	$2,369.00	$4,738.00	2.00	$4,738.00	$0.00
115	INCIDENTALS, PROGRAMMING AND COORDINATION	LS	1.00	$7,000.00	$7,000.00	1.00	$7,000.00	$0.00
116	REMOVE SIGNAL EQUIPMENT	LS	1.00	$4,000.00	$4,000.00	1.00	$4,000.00	$0.00
117	REMOVE SIGNAL POLE FOOTING	EA	3.00	$595.00	$1,785.00	3.00	$1,785.00	$0.00
118	INCIDENTAL WORK - SIGNALS	LS	1.00	$10,000.00	$10,000.00	1.00	$10,000.00	$0.00
119	PEDESTAL SIGNAL POLE	EA	1.00	$1,637.00	$1,637.00	1.00	$1,637.00	$0.00
120	SIGNAL POLE WITH 45' MAST ARM AND LUMINAIRE ARM	EA	2.00	$19,706.00	$39,412.00	2.00	$39,412.00	$0.00
121	ROADWAY LUMINAIRE, LED WITH PHOTOELECTRIC CELL	EA	3.00	$1,029.00	$3,087.00	3.00	$3,087.00	$0.00
122	3 SECTION VEHICLE SIGNAL HEAD	EA	7.00	$916.00	$6,412.00	7.00	$6,412.00	$0.00
123	4 SECTION VEHICLE SIGNAL HEAD	EA	4.00	$1,286.25	$5,145.00	4.00	$5,145.00	$0.00
124	3' DIAMETER FOOTING	FT	42.00	$237.00	$9,954.00	42.00	$9,954.00	$0.00
125	TYPE 2 JUNCTION BOX	EA	4.00	$726.00	$2,904.00	4.00	$2,904.00	$0.00
126	TYPE 3 JUNCTION BOX	EA	4.00	$1,055.00	$4,220.00	4.00	$4,220.00	$0.00
127	ELECTRICAL SERVICE CABINET	EA	2.00	$1,904.00	$3,808.00	2.00	$3,808.00	$0.00
128	METER SOCKET	EA	1.00	$233.00	$233.00	1.00	$233.00	$0.00
129	PREFORMED DETECTOR LOOP	EA	0.00	$530.00	$0.00	0.00	$0.00	$0.00
130	ACCESSIBLE PEDESTRIAN SIGNAL	EA	1.00	$4,029.00	$4,029.00	1.00	$4,029.00	$0.00
131	PEDESTRIAN PUSH BUTTON	EA	8.00	$875.00	$7,000.00	8.00	$7,000.00	$0.00
132	PEDESTRIAN SIGNAL HEAD	EA	3.00	$793.00	$2,379.00	3.00	$2,379.00	$0.00
133	PEDESTRIAN CROSSING SIGN	EA	8.00	$68.00	$544.00	8.00	$544.00	$0.00

134	1" RIGID CONDUIT, SCHEDULE 40	FT	113.00	$5.00	$565.00	113.00	$565.00	$0.00
135	2" RIGID CONDUIT, SCHEDULE 40	FT	362.00	$6.00	$2,172.00	362.00	$2,172.00	$0.00
136	3" RIGID CONDUIT, SCHEDULE 40	FT	30.00	$9.50	$285.00	30.00	$285.00	$0.00
137	4" RIGID CONDUIT, SCHEDULE 40	FT	25.00	$18.00	$450.00	25.00	$450.00	$0.00
138	3" RIGID CONDUIT, SCHEDULE 80	FT	395.00	$11.00	$4,345.00	395.00	$4,345.00	$0.00
139	1/C #4 AWG COPPER WIRE	FT	285.00	$2.00	$570.00	285.00	$570.00	$0.00
140	1/C #6 AWG COPPER WIRE	FT	1,449.00	$1.00	$1,449.00	1,449.00	$1,449.00	$0.00
141	1/C #10 AWG COPPER WIRE	FT	997.00	$1.00	$997.00	997.00	$997.00	$0.00
142	2/C #14 AWG COPPER WIRE TRAY CABLE, K2	FT	80.00	$1.30	$104.00	80.00	$104.00	$0.00
143	3/C #14 AWG COPPER WIRE TRAY CABLE, K2	FT	30.00	$1.40	$42.00	30.00	$42.00	$0.00
144	4/C #14 AWG COPPER WIRE TRAY CABLE, K2	FT	1,540.00	$1.30	$2,002.00	1,540.00	$2,002.00	$0.00
145	5/C #14 AWG COPPER WIRE TRAY CABLE, K2	FT	135.00	$1.60	$216.00	135.00	$216.00	$0.00
146	20/C #14 AWG COPPER WIRE TRAY CABLE, K2	FT	514.00	$5.00	$2,570.00	514.00	$2,570.00	$0.00
147	#16 AWG COPPER TWISTED SHIELDED PAIR	FT	1,020.00	$0.70	$714.00	1,020.00	$714.00	$0.00
148	2/C #10 COPPER POLE AND BRACKET CABLE	FT	130.00	$2.00	$260.00	130.00	$260.00	$0.00
149	ROUTE AND SEAL	FT	186.00	$19.00	$3,534.00	186.00	$3,534.00	$0.00
150	INSTALL #8 STEEL BAR IN CONCRETE	EA	102.00	$10.00	$1,020.00	112.00	$1,120.00	$100.00
151	REPLACEMENT PREFORMED DETECTOR LOOP	EA	18.00	$569.00	$10,242.00	18.00	$10,242.00	$0.00
152	INSTALL/REMOVE TEMPORARY ARROW MARKINGS	LS	1.00	$600.00	$600.00	1.00	$600.00	$0.00
153	REPAIR BROKEN INLET LID	LS	1.00	$2,000.00	$2,000.00	1.00	$2,000.00	$0.00
154	6" GATE VALVE AND BOX	EA	1.00	$1,365.00	$1,365.00	1.00	$1,365.00	$0.00
155	JET TO UNCLOG MANHOLE INVERT	LS	1.00	$700.00	$700.00	1.00	$700.00	$0.00
156	25/C#14AWG Copper	LF	42.00	$5.45	$228.90	42.00	$228.90	$0.00
157	REMOVAL OF CONTAMINATED MATERIAL	CY	24.00	$406.68	$9,760.32	24.00	$9,760.32	$0.00
158	RELOCATE SIGNAL POLE	LS	0.00	$3,217.06	$0.00	1.00	$3,217.06	$3,217.06
159	42x11.5 POLE BASE	LS	0.00	$3,056.75	$0.00	1.00	$3,056.75	$3,056.75
160	2x9 POLE BASE	LS	0.00	$1,929.26	$0.00	1.00	$1,929.26	$1,929.26
	TOTAL				**$1,138,667.76**		**$1,141,684.76**	**$3,016.99**

C.C.O. HISTORY INCREASE/(DECREASE)				
	CCO #1	$7,062.00	PRIOR ADJUSTED CONTRACT PRICE :	$1,138,667.76
	CCO #2	$3,146.00	NET INCREASE/(DECREASE):	$3,016.99
	CCO #3	$6,616.59	ADJUSTED CONTRACT PRICE:	$1,141,684.75
	CCO #4F	$3,016.99	CHANGE TO DATE:	$19,841.58

CONTRACTOR: TRU-FORM CONSTRUCTION, INC. 4/28/20 DATE

PROJECT MANAGER: ROGER HALL, P.E. 4/29/20 DATE

CITY ENGINEER: TED JOHNSON, P.E. 4-29-20 DATE

MAYOR: STEVE ALLENDER DATE

FINANCE: PAULINE SUMPTION DATE

CONTRACT TIME CHANGE +/-: 0 NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #4F to Tru-Form Construction, Inc. for an increase of $3,016.99 based on unit pricing with the following appropriation:

Initial Funding	$73,697.79	$394,856.47	$653,288.91	$0.00		$1,121,843.17
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	833 / 834	933 / 934	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1	$0.00	$0.00	$7,062.00	$0.00		$7,062.00
CCO #2	($1,519.00)	$0.00	$4,665.00	$0.00		$3,146.00
CCO #3	($13,575.94)	$9,207.41	$10,985.13	$0.00		$6,616.60
CCO #4F	($2,063.60)	($3,430.70)	$8,511.29	$0.00		$3,016.99
Adjusted Funding	$56,539.25	$400,633.18	$684,512.33	$0.00	$1,141,684.76	$1,141,684.76

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #4F
DISK DRIVE AND HAINES AVENUE INTERSECTION
PROJECT NO. 16-2347 / CIP NO. 51121
APRIL 23, 2020
ORIGINAL CONTRACT AMOUNT: $1,121,843.17
CONTRACTOR: TRU-FORM CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
8	REMOVE CONCRETE CURB & GUTTER	During construction city representatives determied that it would speed up the completion of the project and produce a better product to
10	REMOVE PCC SIDEWALK	During construction it was realized that it was unavoidable to remove additional sidewalk panels to complete the waterline on Disk Dr east of
13	AASHTO T-180 SOIL TEST	Actual quantities necessary to complete project.
15	SODDING	Actual quantities necessary to complete project.
18	EXCAVATION, UNCLASSIFIED - DIGOUTS	Actual quantities necessary to complete project.
19	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRE	Actual quantities necessary to complete project.
20	WATER MAIN CONCRETE ENCASEMENT	At STA: 8+73 on Haines Ave an 8" water main goes from the centerline of the street toward the east to serve Applebee's, BAM, and
21	IMPORTED BACKFILL MATERIAL (TRENCH)	Actual quantities necessary to complete project.
22	TYPE I BEDDING MATERIAL	Actual quantities necessary to complete project.
23	TYPE III FOUNDATION MATERIAL	Actual quantities necessary to complete project.
62	WATER FOR DUST CONTROL	Actual quantities necessary to complete project.
63	SILT FENCE, HIGH FLOW	Silt fence not utilized for this project.
64	ROCK CONSTRUCTION ENTRANCE	This item ended up not being utilized.
66	TYPE S/E INLET PROTECTION DEVICE	Actual quantities necessary to complete project.
67	GRAVEL FILTER SOCK	Actual quantities necessary to complete project.
68	SWEEPING	Actual quantities necessary to complete project.
69	AGGREGATE BASE COURSE	Actual quantities necessary to complete project.
70	GRAVEL CUSHION	Actual quantities necessary to complete project.
72	AC, CLASS G, TYPE 1 PG64-28	Actual quantities necessary to complete project.
77	CONCRETE CURB & GUTTER, TYPE B6-6	Additional curb and gutter had been included in the original quantity.
78	CONCRETE CURB & GUTTER, TYPE B6-7	The plan did not specify a location to change from 9" pavement to 7" pavement on Disk Dr east of the intersection. 7" pavement thickness
79	CONCRETE CURB & GUTTER, TYPE B6-9	The plan did not specify a location to change from 9" pavement to 7" pavement on Disk Dr east of the intersection. 7" pavement thickness
80	CONCRETE "P6" GUTTER	During construction city representatives determined that the gutter at the east entrance to Hardee's was in acceptable condition and that
81	CONCRETE "P9" GUTTER	36 LF from STA: 4+09 to 4+45 had been mistakenly counted twice in the plan. 7 LF had been included as additional quantity.
86	DOWEL BAR	Additonal dowel bar had been included in the original quantity
87	INSTALL #10 STEEL BAR IN CONCRETE	The plan did not specify a location to change from 9" pavement to 7" pavement on Disk Dr east of the intersection. 7" pavement thickness
88	INSTALL #5 SMOOTH STEEL BAR IN CONCRETE	During construction additional pavement panels and curb and gutter adjacent to the project boundary had been identified as being
89	CONCRETE SIDEWALK, 4" NONREINFORCED	During construction it was realized that it was unavoidable to remove additional sidewalk panels to complete the waterline on Disk Dr east of
91	CONCRETE SIDEWALK, 4" STAMPED	During construction additional pavement panels adjacent to the project boundary had been identified as being significantly damaged. City
96	PAVEMENT MARKING PAINT, 4" WHITE	Permanent pavement markings could not be completed before the project Winter shutdown. In the interest of public safety additional
97	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	Plan pavement markings changed by the CoRC traffic engineer.
98	COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	Plan pavement markings changed by the CoRC traffic engineer.
99	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	Plan pavement markings changed by the CoRC traffic engineer.
100	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	Plan pavement markings changed by the CoRC traffic engineer.
101	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	Plan pavement markings changed by the CoRC traffic engineer.
102	GROOVE FOR COLD APPLIED PLASTIC MARKING, 12"	Plan pavement markings changed by the CoRC traffic engineer.
103	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	Plan pavement markings changed by the CoRC traffic engineer.
104	GROOVE FOR COLD APPLIED PLASTIC MARKING, ARROW	Plan pavement markings changed by the CoRC traffic engineer.
105	ROAD SIGN	Additional quantity included in plans quantity.
106	SIGN POST	Quantity not fully utilized.
107	TRAFFIC CONTROL SIGNS	Actual quantities necessary to complete project.
108	TYPE 3 BARRICADE, SINGLE SIDED	Actual quantities necessary to complete project.

110	TYPE A ADVANCE WARNING ARROW BOARD	Actual quantities necessary to complete project.
111	TEMPORARY PAVEMENT MARKING	Permanent pavement markings could not be completed before the project Winter shutdown. In the interest of public safety additional
112	TRAFFIC CONTROL MOVABLE CONCRETE BARRIER	Actual quantities necessary to complete project.
113	FLAGGING	Actual quantities necessary to complete project.
150	INSTALL #8 STEEL BAR IN CONCRETE	During construction additional pavement panels adjacent to the project boundary had been identified as being significantly damaged. City
158	RELOCATE SIGNAL POLE	After the curb and gutter and sidewalk had been completed in the NW quadrant of the intersection it had been realized that the elevation for
159	42x11.5 POLE BASE	After the curb and gutter and sidewalk had been completed in the NW quadrant of the intersection it had been realized that the elevation for
160	2x9 POLE BASE	It had been realized during construction that the proposed foundation for signal pole S5 had been greatly oversized. The original design

PREPARED BY: ROGER HALL

DATE: 4/27/20

	FUNDING TYPE	Sanitary Sewer		Water		Streets		Drainage		
	COST CENTER	833 / 834		933 / 934		8910		8911		
	LINE ITEM	4380		4381		4370		4371		
	FUND	0604		0602		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
2	INCIDENTAL	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
3	CONSTRUCTION STAKING	0.00	10%	0.00	75%	0.00	15%	0.00	0%	100%
4	REESTABLISH PROPERTY CORNE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
5	CLEARING & GRUBBING	0.00	0%	0.00	75%	0.00	25%	0.00	0%	100%
6	REMOVE AC PAVEMENT	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
7	REMOVE PCC PAVEMENT	0.00	10%	0.00	75%	0.00	15%	0.00	0%	100%
8	REMOVE CONCRETE CURB & GUT	0.00	0%	223.13	50%	223.13	50%	0.00	0%	100%
9	REMOVE CONCRETE FILLET & PA	0.00	0%	0.00	25%	0.00	75%	0.00	0%	100%
10	REMOVE PCC SIDEWALK	0.00	0%	0.00	0%	-1,440.30	100%	0.00	0%	100%
11	REMOVE & RESET GRAVEL FILTE	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
12	REMOVE & RESET SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
13	AASHTO T-180 SOIL TEST	0.00	0%	0.00	0%	321.00	100%	0.00	0%	100%
14	TOPSOIL, STOCKPILE & REPLACE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
15	SODDING	0.00	0%	0.00	0%	-219.00	100%	0.00	0%	100%
16	4" UNDERDRAIN LINE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
17	EXCAVATION, UNCLASSIFIED	0.00	0%	0.00	75%	0.00	25%	0.00	0%	100%
18	EXCAVATION, UNCLASSIFIED - DI	0.00	0%	0.00	0%	-571.00	100%	0.00	0%	100%
19	CONTROLLED LOW STRENGTH B	0.00	10%	0.00	90%	0.00	0%	0.00	0%	100%
20	WATER MAIN CONCRETE ENCASE	0.00	0%	2,943.00	100%	0.00	0%	0.00	0%	100%
21	IMPORTED BACKFILL MATERIAL (	-232.60	10%	-2,093.43	90%	0.00	0%	0.00	0%	100%
22	TYPE I BEDDING MATERIAL	486.45	10%	4,378.03	90%	0.00	0%	0.00	0%	100%
23	TYPE III FOUNDATION MATERIAL	-389.53	10%	-3,310.98	85%	-194.76	5%	0.00	0%	100%
24	8" PVC SEWER MAIN (8'- 10')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
25	8" PVC SEWER MAIN (10'-12')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
26	8" PVC SEWER MAIN (12'-14')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
27	4" PVC SEWER SERVICE LINE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
28	CONNECT TO EXISTING SEWER M	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%

29	RECONNECT SEWER SERVICE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
30	CONNECT TO EXISTING MANHOLE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
31	BYPASS PUMPING	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
32	6" PVC WATER MAIN C-900, DR-18	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
33	8" PVC WATER MAIN C-900, DR-18	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
34	10" PVC WATER MAIN C-900, DR-1	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
35	12" PVC WATER MAIN C-900, DR-1	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
36	16" PVC WATER MAIN C-900, DR-1	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
37	6" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
38	8" 90 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
39	10" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
40	12" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
41	16" X 12" CROSS	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
42	10" HIGH DEFLECTION COUPLING	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
43	8" MJ PLUG	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
44	8" X 6" REDUCER	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
45	12" X 10" REDUCER	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
46	8" X 8" X 8" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
47	10" X 10" X 6" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
48	12" X 12" X 6" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
49	16" X 16" X 8" TAPPING TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
50	10" GATE VALVE W/ BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
51	12" GATE VALVE W/ BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
52	16" GATE VALVE W/ BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
53	FIRE HYDRANT W/AUX VALVE, BO	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
54	1" COPPER SERVICE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
55	1" TAPPING SADDLE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
56	1" CURB STOP & BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
57	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
58	RECONNECT WATER SERVICE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
59	CORROSION PROTECTION TEST S	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
60	TRACER WIRE BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
61	EROSION AND WATER POLLUTION	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
62	WATER FOR DUST CONTROL	-331.04	10%	-1,324.15	40%	-1,655.19	50%	0.00	0%	100%
63	SILT FENCE, HIGH FLOW	-58.40	10%	-233.60	40%	-292.00	50%	0.00	0%	100%
64	ROCK CONSTRUCTION ENTRANCI	-1,117.44	10%	-4,469.76	40%	-5,587.20	50%	0.00	0%	100%

65	TYPE B INLET PROTECTION DEVIC	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
66	TYPE S/E INLET PROTECTION DEV	-20.90	10%	-83.60	40%	-104.50	50%	0.00	0%	100%
67	GRAVEL FILTER SOCK	-46.40	10%	-185.60	40%	-232.00	50%	0.00	0%	100%
68	SWEEPING	531.51	10%	2,126.05	40%	2,657.56	50%	0.00	0%	100%
69	AGGREGATE BASE COURSE	530.08	10%	2,120.32	40%	2,650.40	50%	0.00	0%	100%
70	GRAVEL CUSHION	-123.23	10%	-492.91	40%	-616.14	50%	0.00	0%	100%
71	GEOGRID REINFORCEMENT	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
72	AC, CLASS G, TYPE 1 PG64-28	0.00	0%	1,515.00	100%	0.00	0%	0.00	0%	100%
73	PCC APPROACH PAVEMENT, 6" RI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
74	PCC PAVEMENT, 6" NONREINFOR	0.00	0%	0.00	30%	0.00	70%	0.00	0%	100%
75	PCC PAVEMENT, 7" NONREINFOR	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
76	PCC PAVEMENT, 9" NONREINFOR	0.00	10%	0.00	20%	0.00	70%	0.00	0%	100%
77	CONCRETE CURB & GUTTER, TYP	0.00	0%	-302.40	30%	-705.60	70%	0.00	0%	100%
78	CONCRETE CURB & GUTTER, TYP	0.00	0%	0.00	0%	9,894.00	100%	0.00	0%	100%
79	CONCRETE CURB & GUTTER, TYP	-967.15	10%	-1,934.30	20%	-6,770.05	70%	0.00	0%	100%
80	CONCRETE "P6" GUTTER	0.00	0%	0.00	0%	168.00	100%	0.00	0%	100%
81	CONCRETE "P9" GUTTER	0.00	0%	0.00	0%	-1,247.00	100%	0.00	0%	100%
82	CONCRETE FILLET & PAN, 6" REIN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
83	CONCRETE FILLET & PAN, 9" REIN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
84	SPALL REPAIR	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
85	JOINT RESEALING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
86	DOWEL BAR	0.00	0%	0.00	0%	-273.00	100%	0.00	0%	100%
87	INSTALL #10 STEEL BAR IN CONC	0.00	0%	0.00	0%	-1,442.00	100%	0.00	0%	100%
88	INSTALL #5 SMOOTH STEEL BAR I	0.00	0%	0.00	0%	1,288.00	100%	0.00	0%	100%
89	CONCRETE SIDEWALK, 4" NONRE	0.00	0%	0.00	0%	1,150.30	100%	0.00	0%	100%
90	CONCRETE SIDEWALK, 4" COLOR	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
91	CONCRETE SIDEWALK, 4" STAMP	0.00	0%	0.00	0%	468.00	100%	0.00	0%	100%
92	CONCRETE SIDEWALK WITH VAR	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
93	DETECTABLE WARNING PANEL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
94	CONCRETE TYPE C RETAINING W	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
95	PEDESTRIAN PUSH BUTTON POLE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
96	PAVEMENT MARKING PAINT, 4" W	0.00	0%	0.00	0%	1,029.00	100%	0.00	0%	100%
97	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	2,728.00	100%	0.00	0%	100%
98	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	-320.88	100%	0.00	0%	100%

99	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	-884.52	100%	0.00	0%	100%
100	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	1,442.00	100%	0.00	0%	100%
101	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	1,364.00	100%	0.00	0%	100%
102	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	-91.68	100%	0.00	0%	100%
103	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	-272.16	100%	0.00	0%	100%
104	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	546.00	100%	0.00	0%	100%
105	ROAD SIGN	0.00	0%	0.00	0%	-51.38	100%	0.00	0%	100%
106	SIGN POST	0.00	0%	0.00	0%	-120.36	100%	0.00	0%	100%
107	TRAFFIC CONTROL SIGNS	137.45	10%	549.80	40%	687.25	50%	0.00	0%	100%
108	TRAFFIC CONTROL, MISCELLANE	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
109	TYPE 3 BARRICADE, 8' SINGLE SI	321.20	10%	1,284.80	40%	1,606.00	50%	0.00	0%	100%
110	TYPE A ADVANCE WARNING ARR	123.50	10%	494.00	40%	617.50	50%	0.00	0%	100%
111	TEMPORARY PAVEMENT MARKIN	-641.90	10%	-2,567.60	40%	-3,209.50	50%	0.00	0%	100%
112	TRAFFIC CONTROL MOVABLE CO	-265.20	10%	-1,060.80	40%	-1,326.00	50%	0.00	0%	100%
113	FLAGGING	0.00	0%	-1,005.70	50%	-1,005.70	50%	0.00	0%	100%
114	PORTABLE CHANGEABLE MESSA	0.00	10%	0.00	40%	0.00	50%	0.00	0%	100%
115	INCIDENTALS, PROGRAMMING AN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
116	REMOVE SIGNAL EQUIPMENT	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
117	REMOVE SIGNAL POLE FOOTING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
118	INCIDENTAL WORK - SIGNALS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
119	PEDESTAL SIGNAL POLE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
120	SIGNAL POLE WITH 45' MAST ARM	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
121	ROADWAY LUMINAIRE, LED WITH	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
122	3 SECTION VEHICLE SIGNAL HEA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
123	4 SECTION VEHICLE SIGNAL HEA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
124	3' DIAMETER FOOTING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
125	TYPE 2 JUNCTION BOX	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
126	TYPE 3 JUNCTION BOX	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
127	ELECTRICAL SERVICE CABINET	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
128	METER SOCKET	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
129	PREFORMED DETECTOR LOOP	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
130	ACCESSIBLE PEDESTRIAN SIGNA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
131	PEDESTRIAN PUSH BUTTON	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
132	PEDESTRIAN SIGNAL HEAD	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
133	PEDESTRIAN CROSSING SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%

134	1" RIGID CONDUIT, SCHEDULE 40	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
135	2" RIGID CONDUIT, SCHEDULE 40	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
136	3" RIGID CONDUIT, SCHEDULE 40	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
137	4" RIGID CONDUIT, SCHEDULE 40	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
138	3" RIGID CONDUIT, SCHEDULE 80	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
139	1/C #4 AWG COPPER WIRE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
140	1/C #6 AWG COPPER WIRE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
141	1/C #10 AWG COPPER WIRE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
142	2/C #14 AWG COPPER WIRE TRAY	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
143	3/C #14 AWG COPPER WIRE TRAY	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
144	4/C #14 AWG COPPER WIRE TRAY	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
145	5/C #14 AWG COPPER WIRE TRAY	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
146	20/C #14 AWG COPPER WIRE TRA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
147	#16 AWG COPPER TWISTED SHIE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
148	2/C #10 COPPER POLE AND BRAC	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
149	ROUTE AND SEAL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
150	INSTALL #8 STEEL BAR IN CONCR	0.00	0%	0.00	0%	100.00	100%	0.00	0%	100%
151	REPLACEMENT PREFORMED DET	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
152	INSTALL/REMOVE TEMPORARY A	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
153	REPAIR BROKEN INLET LID	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
154	6" GATE VALVE AND BOX	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
155	JET TO UNCLOG MANHOLE INVER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
156	25/C#14AWG Copper	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
157	REMOVAL OF CONTAMINATED MA	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
158	RELOCATE SIGNAL POLE	0.00	0%	0.00	0%	3,217.06	100%	0.00	0%	100%
159	42x11.5 POLE BASE	0.00	0%	0.00	0%	3,056.75	100%	0.00	0%	100%
160	2x9 POLE BASE	0.00	0%	0.00	0%	1,929.26	100%	0.00	0%	100%
		($2,063.60)		($3,430.70)		$8,511.29		$0.00		$3,016.99