

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**

**Cobalt Drive Sanitary Sewer Bypass  
PROJECT NO. 14-2127 / CIP NO. 50957**

**June 27, 2017**

**ORIGINAL CONTRACT AMOUNT: \$282,817.54  
CONTRACTOR: RAPID CONSTRUCTION, LLC**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$12,500.00	\$12,500.00	1.00	\$12,500.00	\$0.00
2	INCIDENTAL	LS	1.00	\$5,153.50	\$5,153.50	1.00	\$5,153.50	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$5,356.00	\$5,356.00	1.00	\$5,356.00	\$0.00
4	CORNERS	EA	1.00	\$154.50	\$154.50	1.00	\$154.50	\$0.00
5	CONCRETE WASHOUT AREA	LS	1.00	\$175.00	\$175.00	0.00	\$0.00	(\$175.00)
6	AASHTO T-180 SOIL TEST	EA	1.00	\$149.35	\$149.35	4.00	\$597.40	\$448.05
7	SAWING, ASPHALT PAVEMENT	LF	30.00	\$3.50	\$105.00	30.00	\$105.00	\$0.00
8	CURB & GUTTER	LF	4.50	\$4.50	\$20.25	4.50	\$20.25	\$0.00
9	REMOVE AC PAVEMENT	SY	2.70	\$15.00	\$40.50	2.70	\$40.50	\$0.00
10	CURB & GUTTER	LF	24.00	\$10.00	\$240.00	24.00	\$240.00	\$0.00
11	REMOVE FENCE	LF	473.00	\$0.46	\$217.58	100.00	\$46.00	(\$171.58)
12	PG64-28	T	4.00	\$122.70	\$490.80	4.00	\$490.80	\$0.00
13	REINFORCED	SY	5.50	\$128.75	\$708.13	5.50	\$708.13	\$0.00
14	TOPSOIL, STOCK PILE & REPLACE	CY	2,387.00	\$2.00	\$4,774.00	2,387.00	\$4,774.00	\$0.00
15	(18" THICK CLAY LINER)	CY	254.00	\$2.50	\$635.00	0.00	\$0.00	(\$635.00)
16	MULCHING	SY	17,900.00	\$0.32	\$5,728.00	17,900.00	\$5,728.00	\$0.00
17	AGGREGATE BASE COURSE, 1"	T	960.00	\$17.88	\$17,164.80	1,050.20	\$18,777.58	\$1,612.78
18	SOIL SUPPORT FABRIC/GEOGRID	SY	2,850.00	\$3.51	\$10,003.50	0.00	\$0.00	(\$10,003.50)
19	BORROW, IMPORTED	CY	425.00	\$3.00	\$1,275.00	100.00	\$300.00	(\$975.00)
20	15" RCP CULVERT, CLASS 4	LF	40.00	\$34.92	\$1,396.80	32.00	\$1,117.44	(\$279.36)
21	15" RCP FLARED END, CLASS 4	EA	2.00	\$585.64	\$1,171.28	2.00	\$1,171.28	\$0.00
22	TYPE 1 BEDDING MATERIAL	T	200.00	\$18.59	\$3,718.00	0.00	\$0.00	(\$3,718.00)
23	TYPE 3 FOUNDATION MATERIAL	T	400.00	\$20.19	\$8,076.00	318.90	\$6,438.59	(\$1,637.41)
24	8" PVC SEWER MAIN (10'-12')	LF	4.00	\$31.08	\$124.32	4.00	\$124.32	\$0.00
25	8" PVC SEWER MAIN (14'-16')	LF	8.00	\$42.75	\$342.00	8.00	\$342.00	\$0.00
26	12" PVC SEWER MAIN (6'-8')	LF	17.00	\$30.88	\$524.96	17.00	\$524.96	\$0.00
27	12" PVC SEWER MAIN (8'-10')	LF	5.00	\$35.30	\$176.50	5.00	\$176.50	\$0.00
28	12" PVC SEWER MAIN (16' - 18')	LF	15.00	\$55.72	\$835.80	16.00	\$891.52	\$55.72

29	15" PVC SEWER MAIN (0' - 6')	LF	38.00	\$30.78	\$1,169.64	38.00	\$1,169.64	\$0.00
30	15" PVC SEWER MAIN (6' - 8')	LF	98.00	\$30.78	\$3,016.44	98.00	\$3,016.44	\$0.00
31	15" PVC SEWER MAIN (8' - 10')	LF	246.00	\$30.78	\$7,571.88	246.00	\$7,571.88	\$0.00
32	15" PVC SEWER MAIN (10' - 12')	LF	666.00	\$30.78	\$20,499.48	666.00	\$20,499.48	\$0.00
33	15" PVC SEWER MAIN (12' - 14')	LF	567.00	\$30.78	\$17,452.26	567.00	\$17,452.26	\$0.00
34	15" PVC SEWER MAIN (14' - 16')	LF	427.00	\$30.78	\$13,143.06	427.00	\$13,143.06	\$0.00
35	15" PVC SEWER MAIN (16' - 18')	LF	199.00	\$30.78	\$6,125.22	199.00	\$6,125.22	\$0.00
36	STREAM CROSSING	LF	200.00	\$145.21	\$29,042.00	290.00	\$42,110.90	\$13,068.90
37	BACKFILL	CY	20.00	\$148.05	\$2,961.00	0.00	\$0.00	(\$2,961.00)
38	RUBBER MANHOLE COVER	EA	8.00	\$250.63	\$2,005.04	8.00	\$2,005.04	\$0.00
39	DROP MANHOLE, 48"	EA	1.00	\$5,130.98	\$5,130.98	2.00	\$10,261.96	\$5,130.98
40	EXTRA MANHOLE DEPTH, 48"	VF	86.30	\$302.20	\$26,079.86	91.10	\$27,530.42	\$1,450.56
41	STANDARD MANHOLE, 48" DIA	EA	8.00	\$2,304.13	\$18,433.04	8.00	\$18,433.04	\$0.00
42	MAIN	EA	1.00	\$149.06	\$149.06	1.00	\$149.06	\$0.00
43	CONNECT TO EXISTING MANHOLE	EA	1.00	\$353.50	\$353.50	1.00	\$353.50	\$0.00
44	SILT FENCE	LF	2,450.00	\$3.86	\$9,457.00	1,926.00	\$7,434.36	(\$2,022.64)
45	REMOVE SILT FENCE	LF	2,450.00	\$1.00	\$2,450.00	1,926.00	\$1,926.00	(\$524.00)
46	GRAVEL FILLED FILTER BAG	LF	36.00	\$10.30	\$370.80	6.00	\$61.80	(\$309.00)
47	BAG	LF	36.00	\$1.00	\$36.00	6.00	\$6.00	(\$30.00)
48	EROSION CONTROL BLANKET	SY	1,667.00	\$1.80	\$3,000.60	0.00	\$0.00	(\$3,000.60)
49	(TEMP. VEHICLE TRACKING CTRL)	EA	2.00	\$1,252.48	\$2,504.96	2.00	\$2,504.96	\$0.00
50	OWNER TO REMOVE	LF	4,600.00	\$2.42	\$11,132.00	4,022.00	\$9,733.24	(\$1,398.76)
51	TYPE 1 DOT TUBULAR GATES	EA	3.00	\$669.50	\$2,008.50	3.00	\$2,008.50	\$0.00
52	2 POST PANEL	EA	58.00	\$139.05	\$8,064.90	64.00	\$8,899.20	\$834.30
53	50' WIRE GATE	EA	3.00	\$180.25	\$540.75	3.00	\$540.75	\$0.00
54	AND STREAM CROSSINGS	LF	1,000.00	\$5.67	\$5,670.00	1,000.00	\$5,670.00	\$0.00
55	TRAFFIC CONTROL	LS	1.00	\$3,193.00	\$3,193.00	1.00	\$3,193.00	\$0.00
56	LIQUIDATED DAMAGES	DAYS	0.00	(\$450.00)	\$0.00	10.00	(\$4,500.00)	(\$4,500.00)
<b>TOTAL</b>					<b>\$282,817.54</b>		<b>\$273,077.98</b>	<b>(\$9,739.56)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$282,817.54
CCO #1F	(\$9,739.56)	NET INCREASE/(DECREASE):	(\$9,739.56)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$273,077.98
	\$0.00	CHANGE TO DATE:	(\$9,739.56)

*RAPID CONSTRUCTION LLC* *See above for* *28 June 17*

CONTRACTOR: RAPID CONSTRUCTION, LLC. *6/26/17* DATE

*Klara Schroeder*  
PROJECT MANAGER: KLARE SCHROEDER, P.E. *6-28-17* DATE

*Dale Tech*  
CITY ENGINEER: DALE TECH, P.E. / L.S. 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 #1F to RAPID CONSTRUCTION, LLC for a decrease of \$9,739.56 based on unit pricing with the following appropriation:

Initial Funding	\$282,817.54	\$0.00	\$0.00	\$0.00		\$282,817.54
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	0831	933 / 934	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1F	(\$9,739.56)	\$0.00	\$0.00	\$0.00		(\$9,739.56)
						\$0.00
						\$0.00
Adjusted Funding	\$273,077.98	\$0.00	\$0.00	\$0.00	\$273,077.98	\$273,077.98

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**Cobalt Drive Sanitary Sewer Bypass**  
**PROJECT NO. 14-2127 / CIP NO. 50957**  
**June 27, 2017**  
**ORIGINAL CONTRACT AMOUNT: \$282,817.54**  
**CONTRACTOR: RAPID CONSTRUCTION, LLC**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	CONCRETE WASHOUT AREA	None needed to complete project.
6	AASHTO T-180 SOIL TEST	Actual quantities necessary to complete project.
11	REMOVE FENCE	Actual quantities necessary to complete project.
15	IMPORTED BACKFILL MATERIAL (18)	None needed to complete project.
17	AGGREGATE BASE COURSE, 1"	Actual quantities necessary to complete project.
18	SOIL SUPPORT FABRIC/GEOGRID	None needed to complete project.
19	BORROW, IMPORTED	Actual quantities necessary to complete project.
20	15" RCP CULVERT, CLASS 4	Actual quantities necessary to complete project.
22	TYPE 1 BEDDING MATERIAL	Actual quantities necessary to complete project.
23	TYPE 3 FOUNDATION MATERIAL	Actual quantities necessary to complete project.
28	12" PVC SEWER MAIN (16' - 18')	Actual quantities necessary to complete project.
36	STREAM CROSSING	Actual quantities necessary to complete project.
37	CONTROLLED LOW STRENGTH BAC	None needed to complete project.
39	DROP MANHOLE, 48"	Actual quantities necessary to complete project.
40	EXTRA MANHOLE DEPTH, 48"	Actual quantities necessary to complete project.
44	SILT FENCE	Actual quantities necessary to complete project.
45	REMOVE SILT FENCE	Actual quantities necessary to complete project.
46	GRAVEL FILLED FILTER BAG	Actual quantities necessary to complete project.
47	REMOVE GRAVEL FILLED FILTER BA	Actual quantities necessary to complete project.
48	EROSION CONTROL BLANKET	None needed to complete project.
50	TYPE 2 BARBED WIRE FENCE - OWI	Actual quantities necessary to complete project.
52	2 POST PANEL	Actual quantities necessary to complete project.
56	LIQUIDATED DAMAGES	Extra days necessary to complete project.

PREPARED BY: Klare Schroeder

DATE: June 27, 2017

FUNDING TYPE		Sanitary Sewer		Water		Streets		Drainage		
COST CENTER		0831		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	100%	0.00	0%	0.00	0%	0.00	0%	100%
2	INCIDENTAL	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
3	CONSTRUCTION STAKING	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
4	REESTABLISH PROPERTY CORNER	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
5	CONCRETE WASHOUT AREA	-175.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
6	AASHTO T-180 SOIL TEST	448.05	100%	0.00	0%	0.00	0%	0.00	0%	100%
7	SAWING, ASPHALT PAVEMENT	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
8	SAWING, CONCRETE PAVEMENT	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
9	REMOVE AC PAVEMENT	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
10	REMOVE CONCRETE PAVEMENT	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
11	REMOVE FENCE	-171.58	100%	0.00	0%	0.00	0%	0.00	0%	100%
12	AC PATCHING, CLASS G, TYPE 1 F	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
13	PCC APPROACH PAVEMENT, 6" R	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
14	TOPSOIL, STOCK PILE & REPLACE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
15	IMPORTED BACKFILL MATERIAL (1	-635.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
16	SEEDING, FERTILIZING & MULCHIN	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
17	AGGREGATE BASE COURSE, 1"	1,612.78	100%	0.00	0%	0.00	0%	0.00	0%	100%
18	SOIL SUPPORT FABRIC/GEOGRID	-10,003.50	100%	0.00	0%	0.00	0%	0.00	0%	100%
19	BORROW, IMPORTED	-975.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
20	15" RCP CULVERT, CLASS 4	-279.36	100%	0.00	0%	0.00	0%	0.00	0%	100%
21	15" RCP FLARED END, CLASS 4	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
22	TYPE 1 BEDDING MATERIAL	-3,718.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
23	TYPE 3 FOUNDATION MATERIAL	-1,637.41	100%	0.00	0%	0.00	0%	0.00	0%	100%
24	8" PVC SEWER MAIN (10'-12')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
25	8" PVC SEWER MAIN (14'-16')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
26	12" PVC SEWER MAIN (6'-8')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
27	12" PVC SEWER MAIN (8'-10')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
28	12" PVC SEWER MAIN (16' - 18')	55.72	100%	0.00	0%	0.00	0%	0.00	0%	100%

29	15" PVC SEWER MAIN (0' - 6')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
30	15" PVC SEWER MAIN (6' - 8')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
31	15" PVC SEWER MAIN (8' - 10')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
32	15" PVC SEWER MAIN (10' - 12')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
33	15" PVC SEWER MAIN (12' - 14')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
34	15" PVC SEWER MAIN (14' - 16')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
35	15" PVC SEWER MAIN (16' - 18')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
36	STREAM CROSSING	13,068.90	100%	0.00	0%	0.00	0%	0.00	0%	100%
37	CONTROLLED LOW STRENGTH BA	-2,961.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
38	RUBBER MANHOLE COVER	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
39	DROP MANHOLE, 48"	5,130.98	100%	0.00	0%	0.00	0%	0.00	0%	100%
40	EXTRA MANHOLE DEPTH, 48"	1,450.56	100%	0.00	0%	0.00	0%	0.00	0%	100%
41	STANDARD MANHOLE, 48" DIA	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
42	CONNECT TO EXISTING SEWER M	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
43	CONNECT TO EXISTING MANHOLE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
44	SILT FENCE	-2,022.64	100%	0.00	0%	0.00	0%	0.00	0%	100%
45	REMOVE SILT FENCE	-524.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
46	GRAVEL FILLED FILTER BAG	-309.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
47	REMOVE GRAVEL FILLED FILTER	-30.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
48	EROSION CONTROL BLANKET	-3,000.60	100%	0.00	0%	0.00	0%	0.00	0%	100%
49	ROCK CONSTRUCTION ENTRANC	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
50	TYPE 2 BARBED WIRE FENCE - OV	-1,398.76	100%	0.00	0%	0.00	0%	0.00	0%	100%
51	TYPE 1 DOT TUBULAR GATES	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
52	2 POST PANEL	834.30	100%	0.00	0%	0.00	0%	0.00	0%	100%
53	50' WIRE GATE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
54	FENCING AT WIDE DEPRESSIONS	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
55	TRAFFIC CONTROL	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
56	LIQUIDATED DAMAGES	-4,500.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
		(\$9,739.56)		\$0.00		\$0.00		\$0.00		(\$9,739.56)