

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**DEADWOOD AVENUE SANITARY SEWER AND WATER MAIN EXTENSION**  
**PROJECT NO. 11-1978 / CIP NO. 50891**

JULY 13, 2012

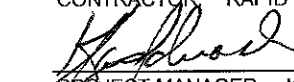
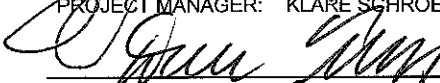
ORIGINAL CONTRACT AMOUNT: \$541,053.19

CONTRACTOR: RAPID CONSTRUCTION COMPANY LLC

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$18,810.00	\$18,810.00	1.00	\$18,810.00	\$0.00
2	INCIDENTAL	LS	1.00	\$53,686.20	\$53,686.20	1.00	\$53,686.20	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$3,570.00	\$3,570.00	1.00	\$3,570.00	\$0.00
4	CORNERS	EA	1.00	\$157.50	\$157.50	0.00	\$0.00	(\$157.50)
5	SAWING, ASPHALT PAVEMENT	LF	2,450.00	\$4.20	\$10,290.00	1,002.00	\$4,208.40	(\$6,081.60)
6	REMOVE AC PAVEMENT	SY	1,213.00	\$3.07	\$3,723.91	1,533.10	\$4,706.62	\$982.71
7	REMOVE PCC PAVEMENT	SY	1,046.00	\$4.81	\$5,031.26	1,047.00	\$5,036.07	\$4.81
8	PAVEMENT	SY	9.00	\$3.73	\$33.57	12.80	\$47.74	\$14.17
9	PAVEMENT	SY	239.00	\$3.73	\$891.47	194.40	\$725.11	(\$166.36)
10	GUTTER	LF	109.00	\$2.52	\$274.68	109.00	\$274.68	\$0.00
11	REMOVE & RESET MAILBOX	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
12	MONUMENT AND SIGN	EA	1.00	\$555.45	\$555.45	0.00	\$0.00	(\$555.45)
13	STRIPES	LF	700.00	\$0.47	\$329.00	700.00	\$329.00	\$0.00
14	REMOVE & RESET SIGN	EA	1.00	\$78.75	\$78.75	1.00	\$78.75	\$0.00
15	AASHTO T-180 SOIL TEST	EA	6.00	\$136.50	\$819.00	1.00	\$136.50	(\$682.50)
16	BACKFILL MATERIAL (GRADING)	CY	20.00	\$151.65	\$3,033.00	0.00	\$0.00	(\$3,033.00)
17	CO-COMPOST	CY	105.00	\$43.21	\$4,537.05	105.00	\$4,537.05	\$0.00
18	MULCHING	SY	2,955.00	\$1.05	\$3,102.75	2,955.00	\$3,102.75	\$0.00
19	EXCAVATION, ROCK (TRENCH)	CY	1,800.00	\$24.50	\$44,100.00	1,161.90	\$28,466.55	(\$15,633.45)
20	ENCASEMENT	LF	50.00	\$46.74	\$2,337.00	50.00	\$2,337.00	\$0.00
21	TYPE I BEDDING MATERIAL	T	50.00	\$17.68	\$884.00	0.00	\$0.00	(\$884.00)
22	TYPE II BEDDING MATERIAL	T	25.00	\$19.07	\$476.75	0.00	\$0.00	(\$476.75)
23	TYPE III FOUNDATION MATERIAL	T	50.00	\$19.07	\$953.50	0.00	\$0.00	(\$953.50)
24	8" PVC SEWER MAIN ( 0'- 6')	LF	120.00	\$31.11	\$3,733.20	120.00	\$3,733.20	\$0.00
25	8" PVC SEWER MAIN ( 6'- 8')	LF	70.00	\$31.11	\$2,177.70	70.00	\$2,177.70	\$0.00
26	8" PVC SEWER MAIN ( 8'-10')	LF	988.00	\$31.11	\$30,736.68	988.00	\$30,736.68	\$0.00
27	4" PVC SEWER SERVICE LINE	LF	194.00	\$25.09	\$4,867.46	194.00	\$4,867.46	\$0.00
28	STANDARD MANHOLE, 48"	EA	4.00	\$2,153.50	\$8,614.00	4.00	\$8,614.00	\$0.00
29	TERMINATION MANHOLE, 48"	EA	1.00	\$2,153.50	\$2,153.50	1.00	\$2,153.50	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
30	EXTRA MANHOLE DEPTH, 48"	VF	15.00	\$178.85	\$2,682.75	15.00	\$2,682.75	\$0.00
31	CONNECT NEW SEWER SERVICE	EA	5.00	\$532.14	\$2,660.70	5.00	\$2,660.70	\$0.00
32	CONNECT TO EXISTING MANHOLE	EA	1.00	\$415.11	\$415.11	1.00	\$415.11	\$0.00
33	POUR MANHOLE INVERT	EA	1.00	\$524.41	\$524.41	1.00	\$524.41	\$0.00
34	150	LF	20.00	\$31.76	\$635.20	20.00	\$635.20	\$0.00
35	14" PVC WATER MAIN C-905, DR 25	LF	1,549.00	\$49.77	\$77,093.73	1,549.00	\$77,093.73	\$0.00
36	14" HIGH DEFLECTION COUPLING	EA	5.00	\$877.73	\$4,388.65	5.00	\$4,388.65	\$0.00
37	14" X 14" X 6" TEE	EA	4.00	\$1,217.15	\$4,868.60	4.00	\$4,868.60	\$0.00
38	14" GATE VALVE W/BOX	EA	6.00	\$6,695.16	\$40,170.96	6.00	\$40,170.96	\$0.00
39	BOX	EA	4.00	\$3,795.66	\$15,182.64	4.00	\$15,182.64	\$0.00
40	MAIN	EA	1.00	\$814.20	\$814.20	1.00	\$814.20	\$0.00
41	STATION	EA	2.00	\$482.47	\$964.94	2.00	\$964.94	\$0.00
42	CATHODIC PROTECTION	LS	1.00	\$8,447.32	\$8,447.32	1.00	\$8,447.32	\$0.00
43	CONTROL	LS	1.00	\$10,435.98	\$10,435.98	1.00	\$10,435.98	\$0.00
44	AGGREGATE BASE COURSE, 1"	T	450.00	\$19.18	\$8,631.00	701.30	\$13,450.93	\$4,819.93
45	GRAVEL CUSHION	T	380.00	\$19.18	\$7,288.40	380.00	\$7,288.40	\$0.00
46	GRAVEL SURFACING, TEMPORARY	T	150.00	\$19.18	\$2,877.00	283.80	\$5,443.28	\$2,566.28
47	AC, CLASS G, TYPE 1 PG64-22	T	375.00	\$100.59	\$37,721.25	495.85	\$49,877.55	\$12,156.30
48	REINFORCED	SY	9.00	\$60.59	\$545.31	12.80	\$775.55	\$230.24
49	NONREINFORCED	SY	1,100.00	\$49.09	\$53,999.00	1,047.00	\$51,397.23	(\$2,601.77)
50	NONREINFORCED	SY	239.00	\$46.20	\$11,041.80	239.00	\$11,041.80	\$0.00
51	CONCRETE CURB & GUTTER, TYPE F6-10	LF	109.00	\$31.66	\$3,450.94	109.00	\$3,450.94	\$0.00
52	PCC PAVEMENT, JOINT SEAL, HOT TAR	LF	2,060.00	\$1.58	\$3,254.80	2,060.00	\$3,254.80	\$0.00
53	DOWEL BAR ASSEMBLY	LF	468.00	\$13.44	\$6,289.92	568.00	\$7,633.92	\$1,344.00
54	CONCRETE	EA	630.00	\$8.19	\$5,159.70	630.00	\$5,159.70	\$0.00
55	IN CONCRETE	EA	14.00	\$15.75	\$220.50	24.00	\$378.00	\$157.50
56	PAVEMENT MARKING, 4"	LF	700.00	\$3.31	\$2,317.00	700.00	\$2,317.00	\$0.00
57	TRAFFIC CONTROL	LS	1.00	\$11,230.00	\$11,230.00	1.00	\$11,230.00	\$0.00
58	TRAFFIC CONTROL PLAN	LS	1.00	\$525.00	\$525.00	1.00	\$525.00	\$0.00
59	BARRIERS	LF	300.00	\$21.53	\$6,459.00	300.00	\$6,459.00	\$0.00
<b>TOTAL</b>					<b>\$541,053.19</b>		<b>\$532,103.25</b>	<b>(\$8,949.94)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$541,053.19
CCO #1	(\$8,949.94)	NET INCREASE/(DECREASE):	(\$8,949.94)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$532,103.25
	\$0.00	CHANGE TO DATE:	(\$8,949.94)

CONTRACTOR: RAPID CONSTRUCTION COMPANY	DATE
	7/25/12
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
	7-25-12
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: SAM KOOIKER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1 to Rapid Construction Company for a decrease of \$8,792.44 based on unit pricing with the following appropriation:

Initial Funding	\$255,126.82	\$249,731.98	\$36,194.38		\$541,053.19
Fund Type	Sanitary Sewer	Water	Water Oversize		
Department	0834	0934	0934		
Line Item	4380	4381	4381		
Fund	0604	0602	0602		
CCO #1	(\$17,277.59)	\$8,327.65	\$0.00		(\$8,949.94)
					\$0.00
					\$0.00
Adjusted Funding	\$237,849.23	\$258,059.63	\$36,194.38	\$532,103.25	\$532,103.25

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 ORIGINAL CONTRACT AMOUNT: \$541,053.19  
 CONTRACTOR: RAPID CONSTRUCTION COMPANY LLC

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	REESTABLISH PROPERTY CORNERS	None disturbed.
5	SAWING, ASPHALT PAVEMENT	Quantity used to complete the project.
6	REMOVE AC PAVEMENT	Actual quantity needed to complete the project.
7	REMOVE PCC PAVEMENT	Actual quantity needed to complete the project.
8	REMOVE PCC APPROACH PAVEMENT	Actual quantity needed to complete the project.
9	REMOVE PCC DRIVEWAY PAVEMENT	Actual quantity needed to complete the project.
12	REMOVE AND RESET SURVEY MONUMENTS	Not disturbed.
15	AASHTO T-180 SOIL TEST	Actual quantity needed to complete the project.
16	CONTROLLED LOW STRENGTH BACKFILL	None needed to complete the project.
19	EXCAVATION, ROCK (TRENCH)	Actual quantity needed to complete the project.
21	TYPE I BEDDING MATERIAL	None needed to complete the project.
22	TYPE II BEDDING MATERIAL	None needed to complete the project.
23	TYPE III FOUNDATION MATERIAL	None needed to complete the project.
44	AGGREGATE BASE COURSE, 1"	Used more under extra asphalt removal.
46	GRAVEL SURFACING, TEMPORARY	More used because had to change driveway areas as paving.
47	AC, CLASS G, TYPE 1 PG64-22	More asphalt was removed for safety at trench.
48	PCC APPROACH PAVEMENT, 6" REINFORCED	More pavement was removed for safety at trench.
49	PCC PAVEMENT, 10" NONREINFORCED	Actual quantity needed to complete the project.
53	DOWEL BAR ASSEMBLY	Actual quantity needed to complete the project.
55	INSTALL #10 SMOOTH STEEL BAR IN CONCRETE	Actual quantity needed to complete the project.

PREPARED BY: Klare Schroeder, P.E.

DATE: July 13, 2012

FUNDING TYPE		Sanitary Sewer		Water		Water Oversize		
COST CENTER		834		934		934		
LINE ITEM		4380		4381		4381		
FUND		604		602		602		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	55%	0.00	45%	0.00	0%	100%
2	INCIDENTAL	0.00	55%	0.00	45%	0.00	0%	100%
3	CONSTRUCTION STAKING	0.00	55%	0.00	45%	0.00	0%	100%
4	REESTABLISH PROPERTY CORNER	0.00	0%	-157.50	100%	0.00	0%	100%
5	SAWING, ASPHALT PAVEMENT	-6,081.60	100%	0.00	0%	0.00	0%	100%
6	REMOVE AC PAVEMENT	98.27	10%	884.44	90%	0.00	0%	100%
7	REMOVE PCC PAVEMENT	4.81	100%	0.00	0%	0.00	0%	100%
8	REMOVE PCC APPROACH PAVEMENT	14.17	100%	0.00	0%	0.00	0%	100%
9	REMOVE PCC DRIVEWAY PAVEMENT	-83.18	50%	-83.18	50%	0.00	0%	100%
10	REMOVE CONCRETE CURB & GUTTER	0.00	100%	0.00	0%	0.00	0%	100%
11	REMOVE & RESET MAILBOX	0.00	0%	0.00	100%	0.00	0%	100%
12	REMOVE AND RESET SURVEY MONUMENT	0.00	0%	-555.45	100%	0.00	0%	100%
13	REMOVE PAVEMENT MARKING, STAKING	0.00	100%	0.00	0%	0.00	0%	100%
14	REMOVE & RESET SIGN	0.00	0%	0.00	100%	0.00	0%	100%
15	AASHTO T-180 SOIL TEST	-341.25	50%	-341.25	50%	0.00	0%	100%
16	CONTROLLED LOW STRENGTH BACKFILL	-1,516.50	50%	-1,516.50	50%	0.00	0%	100%
17	CO-COMPOST	0.00	10%	0.00	90%	0.00	0%	100%
18	SEEDING, FERTILIZING, & MULCHING	0.00	10%	0.00	90%	0.00	0%	100%
19	EXCAVATION, ROCK (TRENCH)	-9,380.07	60%	-6,253.38	40%	0.00	0%	100%
20	SEWER MAIN CONCRETE ENCASMENT	0.00	100%	0.00	0%	0.00	0%	100%
21	TYPE I BEDDING MATERIAL	-442.00	50%	-442.00	50%	0.00	0%	100%
22	TYPE II BEDDING MATERIAL	-238.38	50%	-238.38	50%	0.00	0%	100%
23	TYPE III FOUNDATION MATERIAL	-476.75	50%	-476.75	50%	0.00	0%	100%
24	8" PVC SEWER MAIN ( 0'- 6')	0.00	100%	0.00	0%	0.00	0%	100%
25	8" PVC SEWER MAIN ( 6'- 8')	0.00	100%	0.00	0%	0.00	0%	100%
26	8" PVC SEWER MAIN ( 8'-10')	0.00	100%	0.00	0%	0.00	0%	100%
27	4" PVC SEWER SERVICE LINE	0.00	100%	0.00	0%	0.00	0%	100%
28	STANDARD MANHOLE, 48"	0.00	100%	0.00	0%	0.00	0%	100%
29	TERMINATION MANHOLE, 48"	0.00	100%	0.00	0%	0.00	0%	100%
30	EXTRA MANHOLE DEPTH, 48"	0.00	100%	0.00	0%	0.00	0%	100%

31	CONNECT NEW SEWER SERVICE	0.00	100%	0.00	0%	0.00	0%	100%
32	CONNECT TO EXISTING MANHOLE	0.00	100%	0.00	0%	0.00	0%	100%
33	POUR MANHOLE INVERT	0.00	100%	0.00	0%	0.00	0%	100%
34	6" PVC WATER MAIN C-900, CLASS	0.00	0%	0.00	100%	0.00	0%	100%
35	14" PVC WATER MAIN C-905, DR 25	0.00	0%	0.00	68%	0.00	32%	100%
36	14" HIGH DEFLECTION COUPLING	0.00	0%	0.00	74%	0.00	26%	100%
37	14" X 14" X 6" TEE	0.00	0%	0.00	60%	0.00	40%	100%
38	14" GATE VALVE W/BOX	0.00	0%	0.00	79%	0.00	21%	100%
39	FIRE HYDRANT W/AUX VALVE & BO	0.00	0%	0.00	100%	0.00	0%	100%
40	CONNECT TO EXISTING WATER MA	0.00	0%	0.00	100%	0.00	0%	100%
41	CATHODIC CONTROL TEST STATIO	0.00	0%	0.00	100%	0.00	0%	100%
42	CATHODIC PROTECTION	0.00	0%	0.00	100%	0.00	0%	100%
43	EROSION AND WATER POLLUTION	0.00	30%	0.00	70%	0.00	0%	100%
44	AGGREGATE BASE COURSE, 1"	0.00	0%	4,819.93	100%	0.00	0%	100%
45	GRAVEL CUSHION	0.00	100%	0.00	0%	0.00	0%	100%
46	GRAVEL SURFACING, TEMPORARY	1,026.51	40%	1,539.77	60%	0.00	0%	100%
47	AC, CLASS G, TYPE 1 PG64-22	1,215.63	10%	10,940.67	90%	0.00	0%	100%
48	PCC APPROACH PAVEMENT, 6" RE	23.02	10%	207.22	90%	0.00	0%	100%
49	PCC PAVEMENT, 10" NONREINFOR	-2,601.77	100%	0.00	0%	0.00	0%	100%
50	PCC DRIVEWAY PAVEMENT 6", NO	0.00	50%	0.00	50%	0.00	0%	100%
51	CONCRETE CURB & GUTTER, TYP	0.00	100%	0.00	0%	0.00	0%	100%
52	PCC PAVEMENT, JOINT SEAL, HOT	0.00	100%	0.00	0%	0.00	0%	100%
53	DOWEL BAR ASSEMBLY	1,344.00	100%	0.00	0%	0.00	0%	100%
54	INSTALL #5 STEEL BAR IN CONCRE	0.00	100%	0.00	0%	0.00	0%	100%
55	INSTALL #10 SMOOTH STEEL BAR	157.50	100%	0.00	0%	0.00	0%	100%
56	COLD APPLIED PLASTIC PAVEMEN	0.00	100%	0.00	0%	0.00	0%	100%
57	TRAFFIC CONTROL	0.00	55%	0.00	45%	0.00	0%	100%
58	TRAFFIC CONTROL PLAN	0.00	55%	0.00	45%	0.00	0%	100%
59	HAUL AND PLACE CONCRETE BAR	0.00	50%	0.00	50%	0.00	0%	100%
		(\$17,277.59)		\$8,327.65		\$0.00		(\$8,949.94)