


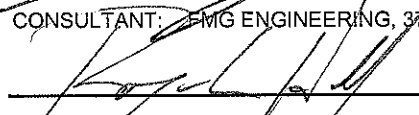
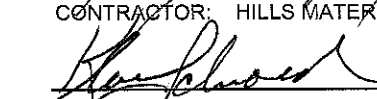
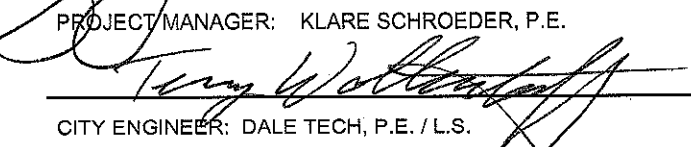
CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
JACKSON BOULEVARD GREENWAY TRACT UTILITIES
PROJECT NO. SSW11-1929 / CIP NO. 50856
NOVEMBER 22, 2011
ORIGINAL CONTRACT AMOUNT: \$734,170.95
CONTRACTOR: HILLS MATERIAL COMPANY

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$5,600.00	\$5,600.00	1.00	\$5,600.00	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$35,000.00	\$35,000.00	1.00	\$35,000.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$4,300.00	\$4,300.00	1.00	\$4,300.00	\$0.00
4	CORNER	EA	1.00	\$300.00	\$300.00	1.00	\$300.00	\$0.00
5	REMOVE TREE	EA	5.00	\$650.00	\$3,250.00	2.00	\$1,300.00	(\$1,950.00)
6	VALVE BOX	EA	5.00	\$200.00	\$1,000.00	5.00	\$1,000.00	\$0.00
7	HYDRANT	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
8	REMOVE AC PAVEMENT	SY	140.00	\$5.00	\$700.00	146.00	\$730.00	\$30.00
9	REMOVE PCC PAVEMENT	SY	22.00	\$12.00	\$264.00	18.00	\$216.00	(\$48.00)
10	GUTTER	LF	171.00	\$6.00	\$1,026.00	169.00	\$1,014.00	(\$12.00)
11	REMOVE PCC SIDEWALK	SF	300.00	\$1.25	\$375.00	1,172.00	\$1,465.00	\$1,090.00
12	AASHTO T-180 SOIL TEST	EA	2.00	\$210.00	\$420.00	2.00	\$420.00	\$0.00
13	CO-COMPOST	T	125.00	\$55.00	\$6,875.00	121.20	\$6,666.00	(\$209.00)
14	MULCHING	SY	11,200.00	\$1.80	\$20,160.00	15,219.00	\$27,394.20	\$7,234.20
15	SOD	SY	225.00	\$6.60	\$1,485.00	166.70	\$1,100.22	(\$384.78)
16	(TRENCH)	CY	500.00	\$25.00	\$12,500.00	0.00	\$0.00	(\$12,500.00)
17	TYPE I BEDDING MATERIAL	T	500.00	\$21.00	\$10,500.00	0.00	\$0.00	(\$10,500.00)
18	TYPE III FOUNDATION MATERIAL	T	1,000.00	\$19.00	\$19,000.00	773.60	\$14,698.40	(\$4,301.60)
19	TEMPORARY SURFACING	T	75.00	\$30.00	\$2,250.00	32.30	\$969.00	(\$1,281.00)
20	18" PVC SEWER MAIN (10'-12")	LF	6.00	\$115.00	\$690.00	2.00	\$230.00	(\$460.00)
21	21" PVC SEWER MAIN (10'-12")	1.00	423.00	\$70.00	\$29,610.00	428.00	\$29,960.00	\$350.00
22	18" SANITARY SEWER CAP	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
23	21" SANITARY SEWER CAP	EA	1.00	\$465.00	\$465.00	1.00	\$465.00	\$0.00
24	STANDARD MANHOLE, 60"	EA	2.00	\$4,700.00	\$9,400.00	2.00	\$9,400.00	\$0.00
25	EXTRA MANHOLE DEPTH, 60"	VF	5.90	\$700.00	\$4,130.00	5.90	\$4,130.00	\$0.00
26	25, CLASS 165	LF	66.00	\$81.70	\$5,392.20	66.00	\$5,392.20	\$0.00
27	18, CLASS 235	LF	1,625.00	\$83.25	\$135,281.25	1,625.00	\$135,281.25	\$0.00
28	6" 45 DEGREE BEND	EA	4.00	\$340.00	\$1,360.00	1.00	\$340.00	(\$1,020.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	12" 11.25 DEGREE BEND	EA	1.00	\$675.00	\$675.00	2.00	\$1,350.00	\$675.00
30	12" 22.5 DEGREE BEND	EA	1.00	\$675.00	\$675.00	0.00	\$0.00	(\$675.00)
31	12" 45 DEGREE BEND	EA	5.00	\$700.00	\$3,500.00	5.00	\$3,500.00	\$0.00
32	16" 45 DEGREE BEND	EA	5.00	\$1,200.00	\$6,000.00	5.00	\$6,000.00	\$0.00
33	20" SOLID SLEEVE	EA	5.00	\$2,000.00	\$10,000.00	0.00	\$0.00	(\$10,000.00)
34	12" MJ PLUG	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
35	20" MJ PLUG	EA	2.00	\$5,500.00	\$11,000.00	2.00	\$11,000.00	\$0.00
36	12" X 12" X 6" TEE	EA	3.00	\$800.00	\$2,400.00	3.00	\$2,400.00	\$0.00
37	12" X 12" X 12" TEE	EA	3.00	\$1,125.00	\$3,375.00	3.00	\$3,375.00	\$0.00
38	16" X 16" X 12" TEE	EA	1.00	\$1,525.00	\$1,525.00	1.00	\$1,525.00	\$0.00
39	20" X 20" X 6" TEE	EA	2.00	\$2,650.00	\$5,300.00	2.00	\$5,300.00	\$0.00
40	20" X 20" X 12" TEE	EA	3.00	\$3,830.00	\$11,490.00	3.00	\$11,490.00	\$0.00
41	12" GATE VALVE W/BOX	EA	8.00	\$2,610.00	\$20,880.00	8.00	\$20,880.00	\$0.00
42	16" GATE VALVE W/BOX	EA	2.00	\$7,000.00	\$14,000.00	2.00	\$14,000.00	\$0.00
43	20" GATE VALVE W/BOX	EA	5.00	\$17,000.00	\$85,000.00	5.00	\$85,000.00	\$0.00
44	BOX, & LEAD	EA	5.00	\$4,000.00	\$20,000.00	5.00	\$20,000.00	\$0.00
45	BOLLARD	EA	16.00	\$700.00	\$11,200.00	16.00	\$11,200.00	\$0.00
46	PIPE ENCASEMENT	EA	4.00	\$2,000.00	\$8,000.00	4.00	\$8,000.00	\$0.00
47	INSULATION	SF	154.00	\$5.00	\$770.00	0.00	\$0.00	(\$770.00)
48	MAIN	EA	4.00	\$1,535.00	\$6,140.00	4.00	\$6,140.00	\$0.00
49	CONTROL PLAN	LS	1.00	\$1,115.00	\$1,115.00	1.00	\$1,115.00	\$0.00
50	CONTROL	LS	1.00	\$9,000.00	\$9,000.00	1.00	\$9,000.00	\$0.00
51	WATER FOR DUST CONTROL	MGAL	20.00	\$40.00	\$800.00	0.00	\$0.00	(\$800.00)
52	ROCK CONSTRUCTION ENTRANCE	T	115.00	\$32.00	\$3,680.00	14.26	\$456.32	(\$3,223.68)
53	AGGREGATE BASE COURSE 1"	T	75.00	\$35.00	\$2,625.00	100.00	\$3,500.00	\$875.00
54	AC, CLASS G, TYPE 1 PG64-28	T	50.00	\$148.75	\$7,437.50	58.60	\$8,716.75	\$1,279.25
55	PCC PAVEMENT	SY	22.00	\$87.00	\$1,914.00	9.00	\$783.00	(\$1,131.00)
56	CONCRETE CURB & GUTTER	LF	171.00	\$26.00	\$4,446.00	169.00	\$4,394.00	(\$52.00)
57	NONREINFORCED	SF	300.00	\$9.00	\$2,700.00	1,172.00	\$10,548.00	\$7,848.00
58	DISC GOLF DRIVING PAD	EA	1.00	\$1,000.00	\$1,000.00	2.00	\$2,000.00	\$1,000.00
59	TRAFFIC CONTROL PLAN	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
60	TRAFFIC CONTROL	LS	1.00	\$6,600.00	\$6,600.00	1.00	\$6,600.00	\$0.00
61	DEWATERING PLAN	LS	1.00	\$850.00	\$850.00	1.00	\$850.00	\$0.00
62	DEWATERING	LS	1.00	\$24,000.00	\$24,000.00	1.00	\$24,000.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE	
63	CORROSION PROTECTION	LS	1.00	\$19,500.00	\$19,500.00	1.00	\$19,500.00	\$0.00	
64	STATION	EA	4.00	\$450.00	\$1,800.00	4.00	\$1,800.00	\$0.00	
65	DETECTOR LOOPS	LS	1.00	\$2,275.00	\$2,275.00	1.00	\$2,275.00	\$0.00	
66	DECIDUOUS TREE (2"-3" CAL)	EA	8.00	\$475.00	\$3,800.00	2.00	\$950.00	(\$2,850.00)	
67	EVERGREEN TREE (4')	EA	2.00	\$425.00	\$850.00	2.00	\$850.00	\$0.00	
68	235, DR-18, CERTA LOK	LF	40.00	\$40.00	\$1,600.00	40.00	\$1,600.00	\$0.00	
69	235, DR-18, CERTA LOK	LF	1,580.00	\$64.25	\$101,515.00	1,580.00	\$101,515.00	\$0.00	
70	20" Solid Sleeves	LS	0.00	\$3,071.06	\$0.00	1.00	\$3,071.06	\$3,071.06	
71	Welded Wire Fabric	LS	0.00	\$250.00	\$0.00	1.00	\$250.00	\$250.00	
72	Liquidated Damages	EA	0.00	(\$650.00)	\$0.00	30.00	(\$19,500.00)	(\$19,500.00)	
TOTAL							\$734,170.95	\$686,205.40	(\$47,965.55)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$734,170.95
CCO #1	(\$47,965.55)	NET INCREASE/(DECREASE):	(\$47,965.55)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$686,205.40
	\$0.00	CHANGE TO DATE:	(\$47,965.55)

	DATE	11/22/11
CONSULTANT: FMG ENGINEERING, 3700 STURGIS RD, RAPID CITY, SD 57702 - 342-4105	DATE	11/23/11
	DATE	11/22/11
CONTRACTOR: HILLS MATERIALS COMPANY	DATE	11/23/11
	DATE	11/23/11
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE	11/23/11
	DATE	
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 #1F to FMG Engineering for a decrease of \$47,965.55 based on unit pricing with the following appropriation:

Initial Funding	\$58,281.40	\$675,889.55				\$734,170.95
Fund Type	Sanitary Sewer	Water				
Department	833 / 834	933 / 934				
Line Item	4380	4381				
Fund	0604	0602				
CCO #1	(\$2,632.81)	(\$45,332.74)				(\$47,965.55)
						\$0.00
Adjusted Funding	\$55,648.59	\$630,556.81			\$686,205.40	\$686,205.40

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
JACKSON BOULEVARD GREENWAY TRACT UTILITIES
PROJECT NO. SSW11-1929 / CIP NO. 50856
NOVEMBER 22, 2011
ORIGINAL CONTRACT AMOUNT: \$103,115.00
CONTRACTOR: HILLS MATERIAL COMPANY**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	REMOVE TREE	Contractor made efficient use of space to reduce this quantity.
8	REMOVE AC PAVEMENT	Additional pavement was removed to complete work with approval of Engineer and City Staff
9	REMOVE PCC PAVEMENT	Contractor made efficient use of space to reduce this quantity.
10	REMOVE CONCRETE CURB & GUTTER	Contractor made efficient use of space to reduce this quantity.
11	REMOVE PCC SIDEWALK	Several additional section were damaged during construction and needed to be removed and repalced as approved by the Engineer and City Staff
13	CO-COMPOST	Contractor mixed co-compost at a rate acceptable to the engineer and the city staff which was less than the estimated bid quantity
14	SEEDING, FERTILIZING, & MULCHING	Additional quantities needed due to contractor working outside the construction limits.
15	SOD	Contractor made efficient use of space to reduce this quantity.
16	IMPORTED BACKFILL MATERIAL (TOPSOIL)	This item was not used.
17	TYPE I BEDDING MATERIAL	This item was not used.
18	TYPE III FOUNDATION MATERIAL	Native materials provided a stable trench in some areas. Thus, imported foundation material was reduced.
19	TEMPORARY SURFACING	Only 12.5 tons of material was required to adequately cover the area needed.
20	18" PVC SEWER MAIN (10'-12')	This item was reduced due to the new manhole being located very close to the existing manhole and thre wasn't a lot of room for the 18" plug.
21	21" PVC SEWER MAIN (10'-12')	Measured in place quantity of pipe required to construct the project according to the plans and specs.
28	6" 45 DEGREE BEND	Only 1 bend was needed to adequately install all fire hydrants.
29	12" 11.25 DEGREE BEND	An additional 11.25 degree bend was used to replace the 22.5 degree bend that was called out.
30	12" 22.5 DEGREE BEND	This item was not used.
33	20" SOLID SLEEVE	This item was not used.
47	WATER & SEWER MAIN INSULATION	This item was not used.
51	WATER FOR DUST CONTROL	This item was not used.
52	ROCK CONSTRUCTION ENTRANCE	Onely one construction entrance was made.
53	AGGREGATE BASE COURSE 1"	Extra tonnage required to place adequately thick base course layer as required by the specifications.
54	AC, CLASS G, TYPE 1 PG64-28	Additional pavement ws removed to complete work with approval of Engineer and City Staff.
55	PCC PAVEMENT	Contractor was only reimbursed for 50% of the cost of the patch installed due to substandard concrete strengths.
56	CONCRETE CURB & GUTTER	Contractor made efficient use of space to reduce this quantity.
57	CONCRETE SIDEWALK, 4" NONREINFORCED	Several additional section were damaged during construction and needed to be removed and repalced as approved by the Engineer and City Staff
58	REMOVE & REPLACE CONCRETE DISC GOLF PAD	An additional disc golf pad was replaced with approval of Engineer and City Staff.
66	DECIDUOUS TREE (2"-3" CAL)	2 deciduous trees were required to replace the one removed.
70	20" Solid Sleeves	Delivered to City for potential maintenance issues.
71	Welded Wire Fabric	2 sections of welded wire fabris were requested to be placed in the disc golf pads.
72	Liquidated Damages	Additional days needed to complete project beyond contract date.

PREPARED BY: Jason Pettyjohn, P.E.

DATE: November 22, 2011

FUNDING TYPE		Sanitary Sewer		Water		
COST CENTER		833 / 834		933 / 934		
LINE ITEM		4380		4381		
FUND		0604		0602		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	8%	0.00	92%	100%
2	INCIDENTAL WORK	0.00	8%	0.00	92%	100%
3	CONSTRUCTION STAKING	0.00	8%	0.00	92%	100%
4	REESTABLISH PROPERTY CORNE	0.00	0%	0.00	100%	100%
5	REMOVE TREE	0.00	0%	-1,950.00	100%	100%
6	ABANDON VALVE AND REMOVE V	0.00	0%	0.00	100%	100%
7	REMOVE AND SALVAGE FIRE HYD	0.00	0%	0.00	100%	100%
8	REMOVE AC PAVEMENT	0.00	0%	30.00	100%	100%
9	REMOVE PCC PAVEMENT	0.00	0%	-48.00	100%	100%
10	REMOVE CONCRETE CURB & GU	0.00	0%	-12.00	100%	100%
11	REMOVE PCC SIDEWALK	0.00	0%	1,090.00	100%	100%
12	AASHTO T-180 SOIL TEST	0.00	8%	0.00	92%	100%
13	CO-COMPOST	-16.72	8%	-192.28	92%	100%
14	SEEDING, FERTILIZING, & MULCH	578.74	8%	6,655.46	92%	100%
15	SOD	-30.78	8%	-354.00	92%	100%
16	IMPORTED BACKFILL MATERIAL (-1,000.00	8%	-11,500.00	92%	100%
17	TYPE I BEDDING MATERIAL	-840.00	8%	-9,660.00	92%	100%
18	TYPE III FOUNDATION MATERIAL	-344.13	8%	-3,957.47	92%	100%
19	TEMPORARY SURFACING	0.00	0%	-1,281.00	100%	100%
20	18" PVC SEWER MAIN (10'-12')	-460.00	100%	0.00	0%	100%
21	21" PVC SEWER MAIN (10'-12')	350.00	100%	0.00	0%	100%
22	18" SANITARY SEWER CAP	0.00	100%	0.00	0%	100%
23	21" SANITARY SEWER CAP	0.00	100%	0.00	0%	100%
24	STANDARD MANHOLE, 60"	0.00	100%	0.00	0%	100%
25	EXTRA MANHOLE DEPTH, 60"	0.00	100%	0.00	0%	100%
26	16" PVC WATER MAIN C-905, DR 2	0.00	0%	0.00	100%	100%
27	20" PVC WATER MAIN C-905, DR 1	0.00	0%	0.00	100%	100%
28	6" 45 DEGREE BEND	0.00	0%	-1,020.00	100%	100%

29	12" 11.25 DEGREE BEND	0.00	0%	675.00	100%	100%
30	12" 22.5 DEGREE BEND	0.00	0%	-675.00	100%	100%
31	12" 45 DEGREE BEND	0.00	0%	0.00	100%	100%
32	16" 45 DEGREE BEND	0.00	0%	0.00	100%	100%
33	20" SOLID SLEEVE	0.00	0%	-10,000.00	100%	100%
34	12" MJ PLUG	0.00	0%	0.00	100%	100%
35	20" MJ PLUG	0.00	0%	0.00	100%	100%
36	12" X 12" X 6" TEE	0.00	0%	0.00	100%	100%
37	12" X 12" X 12" TEE	0.00	0%	0.00	100%	100%
38	16" X 16" X 12" TEE	0.00	0%	0.00	100%	100%
39	20" X 20" X 6" TEE	0.00	0%	0.00	100%	100%
40	20" X 20" X 12" TEE	0.00	0%	0.00	100%	100%
41	12" GATE VALVE W/BOX	0.00	0%	0.00	100%	100%
42	16" GATE VALVE W/BOX	0.00	0%	0.00	100%	100%
43	20" GATE VALVE W/BOX	0.00	0%	0.00	100%	100%
44	FIRE HYDRANT W/AUX VALVE, BC	0.00	0%	0.00	100%	100%
45	FIRE HYDRANT PROTECTION BOL	0.00	0%	0.00	100%	100%
46	PIPE ENCASEMENT	0.00	0%	0.00	100%	100%
47	WATER & SEWER MAIN INSULATI	0.00	0%	-770.00	100%	100%
48	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	100%
49	EROSION AND WATER POLLUTIO	0.00	8%	0.00	92%	100%
50	EROSION AND WATER POLLUTIO	0.00	8%	0.00	92%	100%
51	WATER FOR DUST CONTROL	-64.00	8%	-736.00	92%	100%
52	ROCK CONSTRUCTION ENTRANC	-805.92	25%	-2,417.76	75%	100%
53	AGGREGATE BASE COURSE 1"	0.00	0%	875.00	100%	100%
54	AC, CLASS G, TYPE 1 PG64-28	0.00	0%	1,279.25	100%	100%
55	PCC PAVEMENT	0.00	0%	-1,131.00	100%	100%
56	CONCRETE CURB & GUTTER	0.00	0%	-52.00	100%	100%
57	CONCRETE SIDEWALK, 4" NONRE	0.00	0%	7,848.00	100%	100%
58	REMOVE & REPLACE CONCRETE	0.00	0%	1,000.00	100%	100%
59	TRAFFIC CONTROL PLAN	0.00	8%	0.00	92%	100%
60	TRAFFIC CONTROL	0.00	8%	0.00	92%	100%
61	DEWATERING PLAN	0.00	8%	0.00	92%	100%
62	DEWATERING	0.00	8%	0.00	92%	100%

63	CORROSION PROTECTION	0.00	0%	0.00	100%	100%
64	CORROSION PROTECTION TEST \$	0.00	0%	0.00	100%	100%
65	REMOVE AND REPLACE DETECTO	0.00	0%	0.00	100%	100%
66	DECIDUOUS TREE (2"-3" CAL)	0.00	0%	-2,850.00	100%	100%
67	EVERGREEN TREE (4')	0.00	0%	0.00	100%	100%
68	6" PVC WATER MAIN C-900/RJ, PC	0.00	0%	0.00	100%	100%
69	12" PVC WATER MAIN C-900/RJ, P	0.00	0%	0.00	100%	100%
70	20" Solid Sleeves	0.00	0%	3,071.06	100%	100%
71	Welded Wire Fabric	0.00	0%	250.00	100%	100%
72	Liquidated Damages	0.00	0%	-19,500.00	100%	100%
		(\$2,632.81)		(\$45,332.74)		(\$47,965.55)