

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #3F
CANYON LAKE DRIVE & SOO SAN DRIVE 14" WATER MAIN LIME CREEK ELEMENT 382
PROJECT NO. W06-1562/CIP 50598
DECEMBER 21, 2007
ORIGINAL CONTRACT AMOUNT: \$1,689,435.30
CONTRACTOR: Mainline Contracting

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Reestablish Property Corners	EA	7.00	\$160.00	\$1,120.00	2.00	\$320.00	(\$800.00)
2	Mobilization	LS	1.00	\$24,000.00	\$24,000.00	1.00	\$24,000.00	\$0.00
3	Incidental Work	LS	1.00	\$25,000.00	\$25,000.00	1.00	\$25,000.00	\$0.00
4	Traffic Control Plan	LS	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00
5	Traffic Control	LS	1.00	\$8,300.00	\$8,300.00	1.00	\$8,300.00	\$0.00
6	Flagging	Hours	100.00	\$19.00	\$1,900.00	67.00	\$1,273.00	(\$627.00)
7	Clearing and Grubbing	LS	1.00	\$6,400.00	\$6,400.00	1.00	\$6,400.00	\$0.00
8	Tree Removal 12"-24"	EA	12.00	\$350.00	\$4,200.00	13.00	\$4,550.00	\$350.00
9	Tree Removal 24"-36"	EA	7.00	\$590.00	\$4,130.00	7.00	\$4,130.00	\$0.00
10	Private Utility Coordination	LS	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
11	Remove Existing PCC Pavement	SY	1,283.00	\$8.50	\$10,905.50	859.22	\$7,303.37	(\$3,602.13)
12	Remove Existing Asphalt Pavement	SY	5,361.00	\$3.85	\$20,639.85	5,693.60	\$21,920.36	\$1,280.51
13	Mill and Remove Top 2" of Existing Asphalt	SY	386.00	\$1.75	\$675.50	262.10	\$458.68	(\$216.83)
14	Remove Existing Curb and Gutter	LF	1,029.00	\$4.00	\$4,116.00	952.30	\$3,809.20	(\$306.80)
15	Remove Existing Concrete Driveway	SY	321.00	\$6.00	\$1,926.00	378.13	\$2,268.78	\$342.78
16	Remove Existing Sidewalk	SF	3,375.00	\$1.25	\$4,218.75	2,208.00	\$2,760.00	(\$1,458.75)
17	Remove Existing Concrete Drain Pan	SY	43.00	\$6.00	\$258.00	48.15	\$288.90	\$30.90
18	Remove Existing Concrete Fillet and Pan	SY	81.00	\$6.00	\$486.00	100.80	\$604.80	\$118.80
19	Remove Existing Concrete Box Culvert Wingwall	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
20	Remove Existing Concrete Slab, Spillway, Riprap, and 12" RCP	LS	1.00	\$950.00	\$950.00	1.00	\$950.00	\$0.00
21	Remove Existing 5' Sioux Falls Inlet	EA	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00
22	Remove Existing 15" RCP Storm Sewer	LF	55.00	\$12.00	\$660.00	55.00	\$660.00	\$0.00
23	Remove and Salvage Existing Wooden Bridge	LS	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00
24	Remove Existing Water Valve and Valve Box	EA	10.00	\$250.00	\$2,500.00	11.00	\$2,750.00	\$250.00
25	Remove Existing Fire Hydrant, Aux. Valve and Box	EA	3.00	\$250.00	\$750.00	3.00	\$750.00	\$0.00
26	Remove Existing Curb Stop	EA	23.00	\$30.00	\$690.00	24.00	\$720.00	\$30.00
27	Abandon Existing Valve Box	EA	19.00	\$25.00	\$475.00	19.00	\$475.00	\$0.00
28	Remove Existing Sewer Manhole	EA	1.00	\$450.00	\$450.00	1.00	\$450.00	\$0.00
29	Remove Existing Sewer Cleanout	EA	1.00	\$25.00	\$25.00	1.00	\$25.00	\$0.00
30	Sheridan Lake Road 12" Water Main Abandonment	LS	1.00	\$825.00	\$825.00	1.00	\$825.00	\$0.00
31	Demolition at 3411 W. Main	LS	1.00	\$2,900.00	\$2,900.00	1.00	\$2,900.00	\$0.00
32	Lime Creek Channel Grading	LS	1.00	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00

33	Roadway Grading	LS	1.00	\$16,500.00	\$16,500.00	1.00	\$16,500.00	\$0.00
34	Imported Backfill Material (Trench)	CY	350.00	\$12.00	\$4,200.00	114.60	\$1,375.20	(\$2,824.80)
35	Type 1 Bedding Material	Ton	300.00	\$14.00	\$4,200.00	0.00	\$0.00	(\$4,200.00)
36	Type 4 Foundation Material	Ton	700.00	\$25.00	\$17,500.00	462.07	\$11,551.75	(\$5,948.25)
37	Water for Dust Control	M GAL	200.00	\$25.00	\$5,000.00	55.00	\$1,375.00	(\$3,625.00)
38	14" PVC Water Main	LF	5,395.00	\$41.00	\$221,195.00	5,370.00	\$220,170.00	(\$1,025.00)
39	14" DI Water Main	LF	200.00	\$50.00	\$10,000.00	200.00	\$10,000.00	\$0.00
40	8" PVC Water Main	LF	991.00	\$23.00	\$22,793.00	983.00	\$22,609.00	(\$184.00)
41	6" PVC Water Main	LF	354.00	\$20.00	\$7,080.00	291.00	\$5,820.00	(\$1,260.00)
42	4" PVC Water Service	LF	0.00	\$18.00	\$0.00	0.00	\$0.00	\$0.00
43	1" Type K Copper Water Service Line	LF	1,370.00	\$21.00	\$28,770.00	1,370.00	\$28,770.00	\$0.00
44	14" Gate Valve and Box	EA	21.00	\$4,600.00	\$96,600.00	20.00	\$92,000.00	(\$4,600.00)
45	8" Gate Valve and Box	EA	8.00	\$950.00	\$7,600.00	9.00	\$8,550.00	\$950.00
46	6" Gate Valve and Box	EA	2.00	\$675.00	\$1,350.00	4.00	\$2,700.00	\$1,350.00
47	14" High Deflection Coupling	EA	7.00	\$425.00	\$2,975.00	7.00	\$2,975.00	\$0.00
48	8" High Deflection Coupling	EA	1.00	\$115.00	\$115.00	0.00	\$0.00	(\$115.00)
49	6" High Deflection Coupling	EA	3.00	\$70.00	\$210.00	3.00	\$210.00	\$0.00
50	14" x 11.25 Degree Bend	EA	5.00	\$770.00	\$3,850.00	5.00	\$3,850.00	\$0.00
51	14" x 22.5 Degree Bend	EA	8.00	\$765.00	\$6,120.00	7.00	\$5,355.00	(\$765.00)
52	14" x 45 Degree Bend	EA	11.00	\$740.00	\$8,140.00	11.00	\$8,140.00	\$0.00
53	14" x 90 Degree Bend	EA	4.00	\$850.00	\$3,400.00	4.00	\$3,400.00	\$0.00
54	12" x 90 Degree Bend	EA	1.00	\$1,450.00	\$1,450.00	0.00	\$0.00	(\$1,450.00)
55	8" x 90 Degree Bend	EA	5.00	\$325.00	\$1,625.00	5.00	\$1,625.00	\$0.00
56	8" x 45 Degree Bend	EA	11.00	\$270.00	\$2,970.00	10.00	\$2,700.00	(\$270.00)
57	8" x 11.25 Degree Bend	EA	1.00	\$267.00	\$267.00	3.00	\$801.00	\$534.00
58	6" x 90 Degree Bend	EA	2.00	\$840.00	\$1,680.00	4.00	\$3,360.00	\$1,680.00
59	6" x 45 Degree Bend	EA	7.00	\$180.00	\$1,260.00	6.00	\$1,080.00	(\$180.00)
60	6" x 22.5 Degree Bend	EA	1.00	\$180.00	\$180.00	1.00	\$180.00	\$0.00
61	6" x 11.25 Degree Bend	EA	2.00	\$184.00	\$368.00	3.00	\$552.00	\$184.00
62	4" x 45 Degree Bend	EA	0.00	\$325.00	\$0.00	0.00	\$0.00	\$0.00
63	8" Water Main Cap	EA	1.00	\$315.00	\$315.00	3.00	\$945.00	\$630.00
64	14" x 14" x 6" Tee	EA	11.00	\$900.00	\$9,900.00	10.00	\$9,000.00	(\$900.00)
65	14" x 14" x 8" Tee	EA	5.00	\$1,030.00	\$5,150.00	5.00	\$5,150.00	\$0.00
66	14" x 14" x 12" Tee	EA	1.00	\$1,200.00	\$1,200.00	1.00	\$1,200.00	\$0.00
67	14" x 14" x 14" Tee	EA	3.00	\$1,250.00	\$3,750.00	3.00	\$3,750.00	\$0.00
68	8" x 8" x 6" Tee	EA	3.00	\$345.00	\$1,035.00	3.00	\$1,035.00	\$0.00
69	6" x 6" x 6" Tee	EA	1.00	\$275.00	\$275.00	0.00	\$0.00	(\$275.00)
70	14" x 14" x 14" Tapping Sleeve, Valve and Box	EA	1.00	\$10,125.00	\$10,125.00	1.00	\$10,125.00	\$0.00
71	6" x 6" x 6" Tapping Sleeve, Valve and Box	EA	2.00	\$2,025.00	\$4,050.00	2.00	\$4,050.00	\$0.00
72	Fire Hydrant, Lead, Aux. Valve and Box	EA	14.00	\$3,025.00	\$42,350.00	14.00	\$42,350.00	\$0.00

73	Fire Hydrant Protection Bollard	EA	12.00	\$425.00	\$5,100.00	12.00	\$5,100.00	\$0.00
74	14" x 14" x 8" x 8" Cross	EA	1.00	\$2,160.00	\$2,160.00	1.00	\$2,160.00	\$0.00
75	14" x 10" Reducer	EA	1.00	\$640.00	\$640.00	0.00	\$0.00	(\$640.00)
76	14" x 6" Reducer	EA	3.00	\$600.00	\$1,800.00	2.00	\$1,200.00	(\$600.00)
77	8" x 6" Reducer	EA	10.00	\$215.00	\$2,150.00	9.00	\$1,935.00	(\$215.00)
78	1" Tapping Saddle	EA	24.00	\$250.00	\$6,000.00	23.00	\$5,750.00	(\$250.00)
79	1" Curb Stop	EA	24.00	\$325.00	\$7,800.00	22.00	\$7,150.00	(\$650.00)
80	Water Service Reconnection	EA	24.00	\$325.00	\$7,800.00	27.00	\$8,775.00	\$975.00
81	Concrete Water Main Encasement	LF	466.00	\$28.00	\$13,048.00	415.00	\$11,620.00	(\$1,428.00)
82	24" Steel Casing Pipe - Bored and Jacked	LF	115.00	\$300.00	\$34,500.00	115.00	\$34,500.00	\$0.00
83	18" Sanitary Sewer Main Repair	LS	1.00	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
84	Sewer Manhole (48")	EA	2.00	\$2,200.00	\$4,400.00	2.00	\$4,400.00	\$0.00
85	Sewer Manhole Extra Depth	LF	6.70	\$210.00	\$1,407.00	6.70	\$1,407.00	\$0.00
86	8" PVC Sanitary Sewer (6' - 8')	LF	134.00	\$24.00	\$3,216.00	134.00	\$3,216.00	\$0.00
87	8" PVC Sanitary Sewer (8' - 10')	LF	128.00	\$29.00	\$3,712.00	128.00	\$3,712.00	\$0.00
88	8" PVC Sanitary Sewer (10' - 12')	LF	145.00	\$33.00	\$4,785.00	145.00	\$4,785.00	\$0.00
89	8" PVC Sanitary Sewer (12' - 14')	LF	138.00	\$39.00	\$5,382.00	138.00	\$5,382.00	\$0.00
90	4" PVC Sanitary Sewer Service Line	LF	358.00	\$21.00	\$7,518.00	358.00	\$7,518.00	\$0.00
91	Sewer Cleanout	EA	2.00	\$225.00	\$450.00	2.00	\$450.00	\$0.00
92	Sewer Service Reconnection	EA	13.00	\$500.00	\$6,500.00	13.00	\$6,500.00	\$0.00
93	Adjust Manhole Rim	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
94	Water Main Insulation	SF	336.00	\$5.00	\$1,680.00	168.00	\$840.00	(\$840.00)
95	Lime Creek Crossing - 14" Main	LS	1.00	\$11,350.00	\$11,350.00	1.00	\$11,350.00	\$0.00
96	10' x 4' Precast Box Culvert	LF	191.00	\$580.00	\$110,780.00	191.00	\$110,780.00	\$0.00
97	10' x 4' Precast Box Culvert Bend Section	EA	26.00	\$4,200.00	\$109,200.00	26.00	\$109,200.00	\$0.00
98	10' x 4' Precast Box Culvert End Section	EA	1.00	\$5,200.00	\$5,200.00	1.00	\$5,200.00	\$0.00
99	Pipe Handrail	LF	45.00	\$46.00	\$2,070.00	55.00	\$2,530.00	\$460.00
100	CIP Box Culvert Inlet	LS	1.00	\$42,000.00	\$42,000.00	1.00	\$42,000.00	\$0.00
101	Box Culvert Undercut	CY	408.00	\$25.00	\$10,200.00	408.00	\$10,200.00	\$0.00
102	Box Culvert Undercut Drainage Fabric	SY	565.00	\$2.30	\$1,299.50	565.00	\$1,299.50	\$0.00
103	18" RCP, Class 2	LF	57.00	\$46.00	\$2,622.00	50.00	\$2,300.00	(\$322.00)
104	15" RCP, Class 2	LF	30.00	\$45.00	\$1,350.00	30.00	\$1,350.00	\$0.00
105	Gabions	CY	32.00	\$160.00	\$5,120.00	32.00	\$5,120.00	\$0.00
106	Class I Riprap	TON	41.00	\$41.00	\$1,681.00	54.20	\$2,222.20	\$541.20
107	Class I Grouted Riprap	TON	477.00	\$45.00	\$21,465.00	265.00	\$11,925.00	(\$9,540.00)
108	5' Type E Inlet	EA	1.00	\$4,200.00	\$4,200.00	1.00	\$4,200.00	\$0.00
109	10' Type E Inlet	EA	3.00	\$5,400.00	\$16,200.00	3.00	\$16,200.00	\$0.00
110	Travel Gravel	Ton	400.00	\$12.00	\$4,800.00	600.00	\$7,200.00	\$2,400.00
111	Aggregate Base Course	Ton	2,878.00	\$15.00	\$43,170.00	2,561.17	\$38,417.55	(\$4,752.45)
112	Asphalt Concrete, Class G, Type 1	Ton	2,040.00	\$81.00	\$165,240.00	2,020.11	\$163,628.91	(\$1,611.09)

113	Bituminous Tack Coat	Gal	670.00	\$4.30	\$2,881.00	219.97	\$945.87	(\$1,935.13)
114	Dowell Bar Assembly	LF	466.00	\$11.00	\$5,126.00	223.00	\$2,453.00	(\$2,673.00)
115	Concrete Panel Replacement - 8" Thick PCC Pavement	SY	409.00	\$56.00	\$22,904.00	105.90	\$5,930.40	(\$16,973.60)
116	Concrete Panel Replacement - 7" Thick PCC Pavement	SY	873.00	\$52.00	\$45,396.00	753.40	\$39,176.80	(\$6,219.20)
117	PCC Pavement, Saw & Hot Tar Seal Joints	LF	924.00	\$3.20	\$2,956.80	1,974.80	\$6,319.36	\$3,362.56
118	Concrete Curb and Gutter	LF	859.00	\$22.00	\$18,898.00	775.30	\$17,056.60	(\$1,841.40)
119	Concrete Type P6 Gutter	LF	175.00	\$22.00	\$3,850.00	177.00	\$3,894.00	\$44.00
120	Concrete Driveway Pavement, 4"	SY	176.00	\$55.00	\$9,680.00	88.40	\$4,862.00	(\$4,818.00)
121	Concrete Approach Pavement	SY	10.60	\$79.00	\$837.40	87.70	\$6,928.30	\$6,090.90
122	Reinforced Concrete Driveway and Approach Pavment	SY	152.00	\$81.00	\$12,312.00	222.00	\$17,982.00	\$5,670.00
123	Sidewalk	SF	3,427.00	\$5.00	\$17,135.00	2,318.40	\$11,592.00	(\$5,543.00)
124	Detectable Warning Panel	SF	28.00	\$55.00	\$1,540.00	56.00	\$3,080.00	\$1,540.00
125	Concrete Drain Pan	SY	59.00	\$82.00	\$4,838.00	67.70	\$5,551.40	\$713.40
126	Concrete Fillet and Pan, Reinforced	SY	82.00	\$93.00	\$7,626.00	100.80	\$9,374.40	\$1,748.40
127	Cold Plastic Marking Tape and Grooving, 4"	LF	2,643.00	\$3.00	\$7,929.00	2,479.00	\$7,437.00	(\$492.00)
128	Cold Plastic Marking Tape and Grooving, 12"	LF	219.00	\$8.00	\$1,752.00	187.00	\$1,496.00	(\$256.00)
129	Cold Plastic Marking Tape and Grooving, 24"	LF	126.00	\$19.00	\$2,394.00	95.00	\$1,805.00	(\$589.00)
130	Cold Plastic Marking Tape and Grooving, Turn Arrow	EA	6.00	\$370.00	\$2,220.00	4.00	\$1,480.00	(\$740.00)
131	Vehicle Detector Loop	EA	5.00	\$570.00	\$2,850.00	5.00	\$2,850.00	\$0.00
132	Silt Fence	LF	350.00	\$4.50	\$1,575.00	910.00	\$4,095.00	\$2,520.00
133	Aggregate for Construction Entrance	Ton	370.00	\$17.00	\$6,290.00	310.00	\$5,270.00	(\$1,020.00)
134	Water Pollution Control	LS	1.00	\$4,070.00	\$4,070.00	1.00	\$4,070.00	\$0.00
135	Goldflame Spirea, 2 gallon	EA	15.00	\$34.20	\$513.00	23.00	\$786.60	\$273.60
136	Juniper, Upright / Yew, Dark Green Spreader, 5 gallon	EA	15.00	\$62.00	\$930.00	57.00	\$3,534.00	\$2,604.00
137	Mugo Pine, 2 gallon	EA	5.00	\$68.00	\$340.00	25.00	\$1,700.00	\$1,360.00
138	Burning Bush, 2 gallon	EA	10.00	\$51.00	\$510.00	59.00	\$3,009.00	\$2,499.00
139	Linden, Greenspire - 2.5" Cal	EA	13.00	\$478.00	\$6,214.00	2.00	\$956.00	(\$5,258.00)
140	Patmore Green Ash, 2.5" Cal	EA	13.00	\$455.00	\$5,915.00	1.00	\$455.00	(\$5,460.00)
141	Spring Snow Crab (Fruitless) - 2" Cal. Min.	EA	8.00	\$340.00	\$2,720.00	3.00	\$1,020.00	(\$1,700.00)
142	Black Hills Spruce 6'	EA	8.00	\$340.00	\$2,720.00	10.00	\$3,400.00	\$680.00
143	Turf Reinforcement Mat	SY	160.00	\$7.00	\$1,120.00	160.00	\$1,120.00	\$0.00
144	Sodding	SY	3,000.00	\$6.00	\$18,000.00	3,211.00	\$19,266.00	\$1,266.00
145	Seeding, Fertilizing, and Mulching	SY	15,280.00	\$1.20	\$18,336.00	24,456.00	\$29,347.20	\$11,011.20
146	Furnish and Place Topsoil	CY	1,525.00	\$23.00	\$35,075.00	67.00	\$1,541.00	(\$33,534.00)
147	Co-Compost	TON	235.00	\$42.00	\$9,870.00	80.00	\$3,360.00	(\$6,510.00)
148	Dechlorination Equipment, 3"	EA	2.00	\$5,000.00	\$10,000.00	2.00	\$10,000.00	\$0.00
149	Ascorbic Acid, 55 lb. Bag	EA	1.00	\$480.00	\$480.00	1.00	\$480.00	\$0.00
150	Connect 10" and 12" Water Mains	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
	ADDED ITEMS - CCO #2							
151	14" Water Main Joint Restraint	EA	46.00	\$356.39	\$16,393.94	46.00	\$16,393.94	\$0.00

152	Telephone Cable Excavation	LS	1.00	\$2,079.92	\$2,079.92	1.00	\$2,079.92	\$0.00
	ADDED ITEMS - CCO #3							
153	8" PVC Water Main - Fitzgerald Stadium	LF	0.00	\$23.00	\$0.00	328.00	\$7,544.00	\$7,544.00
154	8" x 45 Degree Bend - Fitzgerald Stadium	EA	0.00	\$270.00	\$0.00	1.00	\$270.00	\$270.00
155	8" x 6" Reducer - Fitzgerald Stadium	EA	0.00	\$215.00	\$0.00	1.00	\$215.00	\$215.00
156	6" x 6" x 4" Tee - Fitzgerald Stadium	EA	0.00	\$270.00	\$0.00	1.00	\$270.00	\$270.00
157	6" PVC Water Main - Fitzgerald Stadium	LF	0.00	\$20.00	\$0.00	10.00	\$200.00	\$200.00
158	4" PVC Water Service - Fitzgerald Stadium	LF	0.00	\$18.00	\$0.00	3.00	\$54.00	\$54.00
159	4" Gate Valve and Box - Fitzgerald Stadium	EA	0.00	\$600.00	\$0.00	1.00	\$600.00	\$600.00
160	4" x 45 Degree Bend - Fitzgerald Stadium	EA	0.00	\$325.00	\$0.00	1.00	\$325.00	\$325.00
161	Fire Hydrant, Lead, Aux. Valve and Box - Fitzgerald Stadium	EA	0.00	\$3,025.00	\$0.00	1.00	\$3,025.00	\$3,025.00
162	Remove Existing Asphalt Pavement - Fitzgerald Stadium	SY	0.00	\$3.85	\$0.00	470.00	\$1,809.50	\$1,809.50
163	Asphalt Concrete, Class G, Type 1 - Fitzgerald Stadium	TON	0.00	\$81.00	\$0.00	156.60	\$12,684.60	\$12,684.60
164	Aggregate Base Course - Fitzgerald Stadium	TON	0.00	\$15.00	\$0.00	157.00	\$2,355.00	\$2,355.00
165	12" x 6" Reducer	EA	0.00	\$550.00	\$0.00	1.00	\$550.00	\$550.00
166	1 1/2" Tapping Saddle	EA	0.00	\$455.00	\$0.00	2.00	\$910.00	\$910.00
167	2" Tapping Saddle	EA	0.00	\$515.00	\$0.00	1.00	\$515.00	\$515.00
168	1 1/2" Curb Stop and Box	EA	0.00	\$328.00	\$0.00	1.00	\$328.00	\$328.00
169	1 1/2" Type K Copper Water Service Line	LF	0.00	\$28.00	\$0.00	12.00	\$336.00	\$336.00
170	2" Curb Stop	EA	0.00	\$391.00	\$0.00	1.00	\$391.00	\$391.00
171	2" Type K Copper Water Service Line	LF	0.00	\$37.00	\$0.00	20.00	\$740.00	\$740.00
172	10" Water Main Flange	EA	0.00	\$300.00	\$0.00	1.00	\$300.00	\$300.00
173	12" Water Main Flange	EA	0.00	\$325.00	\$0.00	1.00	\$325.00	\$325.00
174	Drainage Fabric - Over Roadway Foundation Material	SY	0.00	\$2.30	\$0.00	483.60	\$1,112.28	\$1,112.28
175	Water Service Line Hoe Hog - Mainline Proposal #4	LS	0.00	\$1,980.16	\$0.00	1.00	\$1,980.16	\$1,980.16
176	Value Engineering Incentive - Mainline Proposal #4	LS	0.00	\$2,336.89	\$0.00	1.00	\$2,336.89	\$2,336.89
177	Water Main Directional Drilling - Mainline Proposal #5	LS	0.00	\$21,486.29	\$0.00	1.00	\$21,486.29	\$21,486.29
178	Value Engineering Incentive - Mainline Proposal #5	LS	0.00	\$5,915.46	\$0.00	1.00	\$5,915.46	\$5,915.46
179	Geogrid	SY	0.00	\$4.98	\$0.00	1,380.00	\$6,872.40	\$6,872.40
180	Landscaping Rock at 910 Soo San Drive	LS	0.00	\$6,944.16	\$0.00	1.00	\$6,944.16	\$6,944.16
181	Water Service Line Hoe Hog - Mainline Proposal #10	LS	0.00	\$1,100.00	\$0.00	1.00	\$1,100.00	\$1,100.00
182	Value Engineering Incentive - Mainline Proposal #10	LS	0.00	\$783.57	\$0.00	1.00	\$783.57	\$783.57
183	Water Line Relocation - West South Street	LS	0.00	\$2,883.69	\$0.00	1.00	\$2,883.69	\$2,883.69
184	Water Service Line Exploratory Excavation - West Main Street	LS	0.00	\$2,471.51	\$0.00	1.00	\$2,471.51	\$2,471.51
185	Remove Existing Retaining Wall	LS	0.00	\$964.01	\$0.00	1.00	\$964.01	\$964.01
186	Parking Lot Striping, Painted - Fitzgerald Stadium	LS	0.00	\$230.00	\$0.00	1.00	\$230.00	\$230.00
TOTAL					\$1,696,621.16		\$1,687,894.51	(\$8,726.65)

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$1,696,621.16
	CCO #1	\$4,004.00	NET INCREASE/(DECREASE):	(\$8,726.65)
	CCO #2	\$3,181.86	ADJUSTED CONTRACT PRICE:	\$1,687,894.51
	CCO #3	(\$8,726.65)	CHANGE TO DATE:	(\$1,540.79)

CONTRACTOR: MAINLINE CONTRACTING, P.O. BOX 3448, RAPID CITY, SD 57709, WILLIAM S. HUBER	DATE
FMG, INC., CHRISTOPHER G. KINNEY, PE	DATE
ENGINEERING SERVICES: KEITH JOHNSON	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: +35 Days COMPLETION DATE: CHANGED FROM SEPTEMBER 28, 2007 TO NOVEMBER 2, 2007	

City Staff recommends approval of this Change Order #3F to Mainline Contracting for a decrease of \$8,726.65 based on unit pricing with the following appropriation:

Initial Funding	\$14,337.00	\$1,134,816.71	\$78,367.80	\$461,913.79	\$0.00	\$0.00	\$0.00	\$1,689,435.30
Fund Type	STREETS	WATER	SAN SEWER	STM SEWER	SOLID WASTE	SOLID WASTE	SOLID WASTE	
Fund	0505	0602	0604	0505	0612	0615	0616	
Department	8910	0933	0833	8911	7101	7102	7103	
Line Item	4370	4381	4380	4371	4255	4255	4255	
CCO #1	\$0.00	\$900.00	\$1,924.00	\$1,180.00				\$4,004.00
CCO #2	\$0.00	\$4,214.86	(\$240.00)	(\$793.00)				\$3,181.86
CCO #3	(\$883.65)	(\$21,796.90)	\$228.43	(\$15,856.63)	\$9,860.70	\$9,860.70	\$9,860.70	(\$8,726.65)
Adjusted Funding	\$13,453.35	\$1,118,134.67	\$80,280.23	\$446,444.16	\$9,860.70	\$9,860.70	\$9,860.70	\$1,687,894.51

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #3F
CANYON LAKE DRIVE & SOO SAN DRIVE 14" WATER MAIN LIME CREEK ELEMENT 382
PROJECT NO. W06-1562/CIP 50598
DECEMBER 21, 2007
ORIGINAL CONTRACT AMOUNT: \$1,689,435.30
CONTRACTOR: Mainline Contracting

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	Reestablish Property Corners	Constructed quantity
6	Flagging	Actual quantity required during construction
8	Tree Removal 12"-24"	Tree was dying due to construction activity in vicinity
11	Remove Existing PCC Pavement	Constructed quantity
12	Remove Existing Asphalt Pavement	Constructed quantity
13	Mill and Remove Top 2" of Existing Asphalt	Constructed quantity
14	Remove Existing Curb and Gutter	Constructed quantity
15	Remove Existing Concrete Driveway	Constructed quantity
16	Remove Existing Sidewalk	Constructed quantity
17	Remove Existing Concrete Drain Pan	Constructed quantity
18	Remove Existing Concrete Fillet and Pan	Constructed quantity
24	Remove Existing Water Valve and Valve Box	Constructed quantity
26	Remove Existing Curb Stop	Constructed quantity
34	Imported Backfill Material (Trench)	Constructed quantity
35	Type 1 Bedding Material	Type 1 Bedding not needed other than what was incidental to project
36	Type 4 Foundation Material	Geogrid used instead in some areas for roadway stabilization
37	Water for Dust Control	Actual quantity required during construction
38	14" PVC Water Main	Constructed quantity
40	8" PVC Water Main	Constructed quantity
41	6" PVC Water Main	Constructed quantity
44	14" Gate Valve and Box	Constructed quantity
45	8" Gate Valve and Box	Constructed quantity
46	6" Gate Valve and Box	Existing valves could not be utilized - had to install additional valves
48	8" High Deflection Coupling	Constructed quantity
51	14" x 22.5 Degree Bend	Constructed quantity
54	12" x 90 Degree Bend	Constructed quantity
56	8" x 45 Degree Bend	Constructed quantity
57	8" x 11.25 Degree Bend	Alignment of existing pipe varied from records
58	6" x 90 Degree Bend	Alignment of existing pipe varied from records
59	6" x 45 Degree Bend	Constructed quantity
61	6" x 11.25 Degree Bend	Used 6" x 11.25 Degree Bend instead of 6" x 45 Degree Bend
63	8" Water Main Cap	Two extra caps required for Camp Rapid meter pit abandonment - saved pavement removal and replacemnt
64	14" x 14" x 6" Tee	Constructed quantity
69	6" x 6" x 6" Tee	Branch line shown on records did not exist in field - no tee required
75	14" x 10" Reducer	Moved connection of tie-in - Reducer not required
76	14" x 6" Reducer	12" x 6" Reducer required
77	8" x 6" Reducer	Existing 8" pipe found instead of 6" as shown on records - no reducer required for tie-in
78	1" Tapping Saddle	1 1/2" Tapping Saddle required
79	1" Curb Stop	1 1/2" and 2" Curb Stops required

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
80	Water Service Reconnection	Additional service lines found
81	Concrete Water Main Encasement	Constructed quantity
94	Water Main Insulation	Depth of water main was able to be increased requiring less insulation
99	Pipe Handrail	It was decided that handrail should be added above the outlet end of the box culvert
103	18" RCP, Class 2	Constructed quantity
106	Class 1 Riprap	Constructed quantity
107	Class 1 Grouted Riprap	Constructed quantity
110	Travel Gravel	Heavy rains during project required additional temporary surfacing
111	Aggregate Base Course	Water main directional drilling value engineering incentive saved existing pavement
112	Asphalt Concrete, Class G, Type 1	Water service hoe hog value engineering incentive saved existing pavement
113	Bituminous Tack Coat	Constructed quantity
114	Dowell Bar Assembly	Water main directional drilling value engineering incentive saved existing pavement
115	Concrete Panel Replacement - 8" Thick PCC Pavement	Water main directional drilling value engineering incentive saved existing pavement
116	Concrete Panel Replacement - 7" Thick PCC Pavement	Water main directional drilling value engineering incentive saved existing pavement
117	PCC Pavement, Saw & Hot Tar Seal Joints	Incorrect quantity in original contract
118	Concrete Curb and Gutter	Constructed quantity
119	Concrete Type P6 Gutter	Constructed quantity
120	Concrete Driveway Pavement, 4"	Added some to Concrete Approach Pavement and deducted from this item
121	Concrete Approach Pavement	Deducted some from Concrete Driveway Pavement, 4" and added to this item
122	Reinforced Concrete Driveway and Approach Pavement	Found that existing driveways were reinforced requiring additional quantities
123	Sidewalk	Able to work around existing sidewalk
124	Detectable Warning Panel	Additional pedestrian ramps needed to be removed and reinstalled for utility construction
125	Concrete Drain Pan	Constructed quantity
126	Concrete Fillet and Pan, Reinforced	Constructed quantity
127	Cold Plastic Marking Tape and Grooving, 4"	Water main directional drilling value engineering incentive saved existing pavement and striping
128	Cold Plastic Marking Tape and Grooving, 12"	Constructed quantity
129	Cold Plastic Marking Tape and Grooving, 24"	Constructed quantity
130	Cold Plastic Marking Tape and Grooving, Turn Arrow	Water main directional drilling value engineering incentive saved existing pavement and striping
132	Silt Fence	Heavy rains during project added concerns for additional erosion control
133	Aggregate for Construction Entrance	Constructed quantity
135	Goldflame Spirea, 2 gallon	Installed additional bushes in lieu of trees at property owners' requests
136	Juniper, Upright / Yew, Dark Green Spreader, 5 gallon	Installed additional bushes in lieu of trees at property owners' requests
137	Mugo Pine, 2 gallon	Installed additional bushes in lieu of trees at property owners' requests
138	Burning Bush, 2 gallon	Installed additional bushes in lieu of trees at property owners' requests
139	Linden, Greenspire - 2.5" Cal	Installed additional bushes in lieu of trees at property owners' requests
140	Patmore Green Ash - 2.5" Cal	Installed additional bushes in lieu of trees at property owners' requests
141	Spring Snow Crab (Fruitless) - 2" Cal. Min.	Installed additional bushes in lieu of trees at property owners' requests
142	Black Hills Spruce 6'	Installed additional Spruce in lieu of other trees at property owners' requests
144	Sodding	Constructed quantity
145	Seeding, Fertilizing, and Mulching	Constructed quantity
146	Furnish and Place Topsoil	Existing topsoil was found to be adequate therefore less imported topsoil was needed
147	Co-Compost	Constructed quantity
153	8" PVC Water Main - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
154	8" x 45 Degree Bend - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
155	8" x 6" Reducer - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
156	6" x 6" x 4" Tee - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
157	6" PVC Water Main - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
158	4" PVC Water Service - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
159	4" Gate Valve and Box - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
160	4" x 45 Degree Bend - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
161	Fire Hydrant, Lead, Aux. Valve and Box - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
162	Remove Existing Asphalt Pavement - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
163	Asphalt Concrete, Class G, Type 1 - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
164	Aggregate Base Course - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction
165	12" x 6" Reducer	Added 12" x 6" Reducer and deleted 14" x 6" reducer
166	1 1/2" Tapping Saddle	Added 1 1/2" Tapping Saddle and deleted 1" Taping Saddle
167	2" Tapping Saddle	Found additional water service lines during construction
168	1 1/2" Curb Stop and Box	Added 1 1/2" Curb Stop and deleted 1" Curb Stop
169	1 1/2" Type K Copper Water Service Line	Found 1 1/2" line during construction
170	2" Curb Stop	Added 2" Curb Stop and deleted 1" Curb Stop
171	2" Type K Copper Water Service Line	Found 2" line during construction
172	10" Water Main Flange	Used instead of 10" bend
173	12" Water Main Flange	Used instead of 12" bend
174	Drainage Fabric - Over Roadway Foundation Material	Needed for separation of aggregate base course and foundation material
175	Water Service Line Hoe Hog - Mainline Proposal #4	Value Engineering item as part of Mainline Proposal #4
176	Value Engineering Incentive - Mainline Proposal #4	Value Engineering, savings include PCC Pavement, Curb, Conc. Driveway, Sidewalk, Base Course and Striping
177	Water Main Directional Drilling - Mainline Proposal #5	Value Engineering item as part of Mainline Proposal #5
178	Value Engineering Incentive - Mainline Proposal #5	Value Engineering, savings include PCC Pavement, Curb, Sidewalk, Water fittings, Base Course and Striping
179	Geogrid	Encountered unstable road subgrade on Soo San Dr. between W. Main and Hall St. Used in lieu of foundation material
180	Landscaping Rock at 910 Soo San Drive	Owner requested landscape rock instead of sod. Provided City some cost savings
181	Water Service Line Hoe Hog - Mainline Proposal #10	Value Engineering item as part of Mainline Proposal #10
182	Value Engineering Incentive - Mainline Proposal #10	Value Engineering, savings include Asphalt Concrete, Curb, Conc. Driveway, Base Course
183	Water Line Relocation - West South Street	Encountered existing water main. Water main was obstacle in sewer main construction.
184	Water Service Line Exploratory Excavation-West Main Street	Unable to find existing service line. Records showed service line in different location
185	Remove Existing Retaining Wall	Wall needed to be removed for work at Box Culvert outlet
186	Parking Lot Striping, Painted - Fitzgerald Stadium	Added for Fitzgerald Stadium water main construction

PREPARED BY: CHRISTOPHER G. KINNEY, FMG INC.

DATE: December 21, 2007