

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
SILVER STREET AREA UTILITY IMPROVEMENTS
SSW07-1656 / CIP NO. 50416
AUGUST 19, 2011
ORIGINAL CONTRACT AMOUNT: \$2,542,908.63
CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$48,140.00	\$48,140.00	1.00	\$48,140.00	\$0.00
2	CONSTRUCTION STAKING	LS	1.00	\$32,259.60	\$32,259.60	1.00	\$32,259.60	\$0.00
3	CLEARING & GRUBBING	LS	1.00	\$3,893.40	\$3,893.40	1.00	\$3,893.40	\$0.00
4	CLEARING & GRUBBING TREE, 6"-18"	EA	30.00	\$111.24	\$3,337.20	28.00	\$3,114.72	(\$222.48)
5	CLEARING & GRUBBING, 18"-24" TREES	EA	25.00	\$222.48	\$5,562.00	14.00	\$3,114.72	(\$2,447.28)
6	CLEARING & GRUBBING, 24"+ TREES	EA	4.00	\$389.34	\$1,557.36	13.00	\$5,061.42	\$3,504.06
7	CLEARING & GRUBBING, STUMP	EA	9.00	\$166.86	\$1,501.74	1.00	\$166.86	(\$1,334.88)
8	8" PVC SEWER MAIN (0'- 6')	LF	116.00	\$27.05	\$3,137.80	116.00	\$3,137.80	\$0.00
9	8" PVC SEWER MAIN (6'- 8')	LF	509.00	\$28.17	\$14,338.53	516.00	\$14,535.72	\$197.19
10	8" PVC SEWER MAIN (8'-10')	LF	1,142.00	\$28.16	\$32,158.72	1,047.00	\$29,483.52	(\$2,675.20)
11	8" PVC SEWER MAIN (10'-12')	LF	1,123.00	\$29.28	\$32,881.44	1,217.00	\$35,633.76	\$2,752.32
12	8" PVC SEWER MAIN (12'-14')	LF	267.00	\$31.52	\$8,415.84	272.00	\$8,573.44	\$157.60
13	8" PVC SEWER MAIN (14'-16')	LF	55.00	\$33.61	\$1,848.55	55.00	\$1,848.55	\$0.00
14	4" PVC SEWER SERVICE LINE	LF	2,110.00	\$22.17	\$46,778.70	1,915.00	\$42,455.55	(\$4,323.15)
15	8" SEWER CAP	EA	1.00	\$180.60	\$180.60	2.00	\$361.20	\$180.60
16	DROP MANHOLE, 48"	EA	2.00	\$2,877.02	\$5,754.04	3.00	\$8,631.06	\$2,877.02
17	EXTRA MANHOLE DEPTH, 48" DIA.	V FT	89.60	\$173.86	\$15,577.86	87.20	\$15,160.59	(\$417.27)
18	STANDARD MANHOLE, 48" DIA.	EA	24.00	\$2,375.96	\$57,023.04	24.00	\$57,023.04	\$0.00
19	REMOVE MANHOLE	EA	9.00	\$500.58	\$4,505.22	9.00	\$4,505.22	\$0.00
20	4" SANITARY SEWER SERVICE CLEANOUT	EA	50.00	\$185.28	\$9,264.00	42.00	\$7,781.76	(\$1,482.24)
21	SANITARY SEWER MANHOLE ADJUSTMENTS	EA	1.00	\$556.20	\$556.20	1.00	\$556.20	\$0.00
22	CONNECTION TO EXISTING SEWER MAIN	EA	6.00	\$467.72	\$2,806.32	6.00	\$2,806.32	\$0.00
23	RECONNECT SEWER SERVICE	EA	41.00	\$245.26	\$10,055.66	41.00	\$10,055.66	\$0.00
24	NEW SANITARY SEWER SERVICE CONNECTION	EA	10.00	\$221.80	\$2,218.00	4.00	\$887.20	(\$1,330.80)
25	BYPASS PUMPING	LS	1.00	\$4,449.60	\$4,449.60	1.00	\$4,449.60	\$0.00
26	1" COPPER SERVICE	LF	3,012.00	\$23.06	\$69,456.72	2,754.00	\$63,507.24	(\$5,949.48)
27	2" COPPER SERVICE	LF	18.00	\$42.23	\$760.14	95.00	\$4,011.85	\$3,251.71
28	4" PVC WATER MAIN	LF	9.00	\$31.67	\$285.03	10.00	\$316.70	\$31.67

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	6" RJ PVC WATER MAIN	LF	179.00	\$26.02	\$4,657.58	179.00	\$4,657.58	\$0.00
30	8" RJ PVC WATER MAIN	LF	3,219.00	\$37.47	\$120,615.93	3,019.00	\$113,121.93	(\$7,494.00)
31	12" RJ PVC WATER MAIN	LF	2,895.00	\$54.20	\$156,909.00	2,895.00	\$156,909.00	\$0.00
32	1" TAPPING SADDLE & CORP STOP	EA	73.00	\$334.87	\$24,445.51	73.00	\$24,445.51	\$0.00
33	2" TAPPING SADDLE & CORP STOP	EA	2.00	\$435.62	\$871.24	3.00	\$1,306.86	\$435.62
34	1" CURB STOP & BOX	EA	73.00	\$342.57	\$25,007.61	73.00	\$25,007.61	\$0.00
35	2" CURB STOP & BOX	EA	2.00	\$490.60	\$981.20	2.00	\$981.20	\$0.00
36	8" X 6" REDUCER	EA	6.00	\$386.69	\$2,320.14	4.00	\$1,546.76	(\$773.38)
37	12" X 8" REDUCER	EA	4.00	\$536.10	\$2,144.40	4.00	\$2,144.40	\$0.00
38	6" X 6" X 6" TEE	EA	1.00	\$433.24	\$433.24	1.00	\$433.24	\$0.00
39	8" X 8" X 6" TEE	EA	10.00	\$523.07	\$5,230.70	11.00	\$5,753.77	\$523.07
40	8" X 8" X 8" TEE	EA	3.00	\$565.90	\$1,697.70	4.00	\$2,263.60	\$565.90
41	12" X 12" X 4" TEE	EA	1.00	\$720.57	\$720.57	1.00	\$720.57	\$0.00
42	12" X 12" X 6" TEE	EA	6.00	\$765.83	\$4,594.98	6.00	\$4,594.98	\$0.00
43	12" X 12" X 8" TEE	EA	5.00	\$811.32	\$4,056.60	5.00	\$4,056.60	\$0.00
44	12" X 12" X 12" TEE	EA	2.00	\$926.70	\$1,853.40	2.00	\$1,853.40	\$0.00
45	8" X 8" X 8" TAPPING SLEEVE, VALVE AND BOX	EA	2.00	\$3,588.00	\$7,176.00	2.00	\$7,176.00	\$0.00
46	6" 45 DEGREE BEND	EA	7.00	\$305.11	\$2,135.77	7.00	\$2,135.77	\$0.00
47	8" 11.25 DEGREE BEND	EA	5.00	\$409.27	\$2,046.35	4.00	\$1,637.08	(\$409.27)
48	8" 22.5 DEGREE BEND	EA	6.00	\$410.95	\$2,465.70	5.00	\$2,054.75	(\$410.95)
49	8" 45 DEGREE BEND	EA	2.00	\$437.94	\$875.88	2.00	\$875.88	\$0.00
50	8" 90 DEGREE BEND	EA	1.00	\$458.18	\$458.18	1.00	\$458.18	\$0.00
51	12" 11.25 DEGREE BEND	EA	3.00	\$623.67	\$1,871.01	3.00	\$1,871.01	\$0.00
52	12" 45 DEGREE BEND	EA	5.00	\$662.46	\$3,312.30	5.00	\$3,312.30	\$0.00
53	12" 90 DEGREE BEND	EA	1.00	\$697.87	\$697.87	1.00	\$697.87	\$0.00
54	12" X 8" CROSS	EA	1.00	\$823.11	\$823.11	1.00	\$823.11	\$0.00
55	12" X 12" CROSS	EA	1.00	\$1,115.92	\$1,115.92	1.00	\$1,115.92	\$0.00
56	12" MJ CAP	EA	1.00	\$367.88	\$367.88	1.00	\$367.88	\$0.00
57	8" MJ CAP	EA	6.00	\$277.81	\$1,666.86	6.00	\$1,666.86	\$0.00
58	6" GATE VALVE W/ BOX	EA	1.00	\$1,017.65	\$1,017.65	1.00	\$1,017.65	\$0.00
59	8" GATE VALVE W/ BOX	EA	21.00	\$1,363.12	\$28,625.52	21.00	\$28,625.52	\$0.00
60	12" GATE VALVE W/BOX	EA	17.00	\$2,478.98	\$42,142.66	18.00	\$44,621.64	\$2,478.98
61	FIRE HYDRANT W/AUX VALVE, BOX	EA	20.00	\$3,927.08	\$78,541.60	20.00	\$78,541.60	\$0.00
62	REMOVE AND SALVAGE FIRE HYDRANT WITH AUXILIARY VALVE	EA	8.00	\$556.20	\$4,449.60	9.00	\$5,005.80	\$556.20
63	ABANDON VALVE AND SALVAGE BOX	EA	11.00	\$166.86	\$1,835.46	11.00	\$1,835.46	\$0.00
64	CONNECT TO EXISTING WATER MAIN	EA	8.00	\$626.15	\$5,009.20	9.00	\$5,635.35	\$626.15
65	LINE	EA	68.00	\$231.19	\$15,720.92	70.00	\$16,183.30	\$462.38

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
66	CONNECTION	EA	7.00	\$233.19	\$1,632.33	2.00	\$466.38	(\$1,165.95)
67	ENCASEMENT	EA	12.00	\$1,279.26	\$15,351.12	15.00	\$19,188.90	\$3,837.78
68	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	CY	300.00	\$88.99	\$26,697.00	0.00	\$0.00	(\$26,697.00)
69	TYPE I BEDDING MATERIAL	TON	500.00	\$18.52	\$9,260.00	30.35	\$562.08	(\$8,697.92)
70	TYPE III FOUNDATION MATERIAL	TON	500.00	\$20.64	\$10,320.00	29.93	\$617.76	(\$9,702.24)
71	IMPORTED TRENCH BACKFILL MATERIAL	CY	500.00	\$7.79	\$3,895.00	0.00	\$0.00	(\$3,895.00)
72	24" STEEL PIPE CASING & BORE	LF	220.00	\$224.54	\$49,398.80	220.00	\$49,398.80	\$0.00
73	CATHODIC PROTECTION TEST STATION	EA	8.00	\$410.81	\$3,286.48	8.00	\$3,286.48	\$0.00
74	CATHODIC PROTECTION ANODE, 18 LB ZINC	EA	257.00	\$217.94	\$56,010.58	242.00	\$52,741.48	(\$3,269.10)
75	ROCK EXCAVATION	CY	200.00	\$44.50	\$8,900.00	53.00	\$2,358.50	(\$6,541.50)
76	UNCLASSIFIED EXCAVATION	CY	11,559.00	\$8.34	\$96,402.06	11,866.00	\$98,962.44	\$2,560.38
77	UNDERCUT EXCAVATION	CY	3,273.00	\$5.56	\$18,197.88	3,580.00	\$19,904.80	\$1,706.92
78	UNCLASSIFIED EXCAVATION - DIGOUTS	CY	200.00	\$31.15	\$6,230.00	74.00	\$2,305.10	(\$3,924.90)
79	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	500.00	\$3.67	\$1,835.00	842.00	\$3,090.14	\$1,255.14
80	CRUSHED ROCK	TON	100.00	\$20.64	\$2,064.00	0.00	\$0.00	(\$2,064.00)
81	MILL AND SALVAGE ACC PAVEMENT, FULL DEPTH, POOR CONDITION	CY	1,342.00	\$13.12	\$17,607.04	1,282.00	\$16,819.84	(\$787.20)
82	PLACE MILLED AC MATERIAL	CY	1,273.00	\$7.79	\$9,916.67	903.00	\$7,034.37	(\$2,882.30)
83	HAUL EXCESS AC MILLINGS	TON	139.00	\$3.89	\$540.71	0.00	\$0.00	(\$540.71)
84	REMOVE ASPHALT CONCRETE DRIVEWAY	SY	108.00	\$4.45	\$480.60	124.00	\$551.80	\$71.20
85	REMOVE ASPHALT CONCRETE PAVEMENT	SY	563.00	\$3.89	\$2,190.07	613.00	\$2,384.57	\$194.50
86	REMOVE CONCRETE APPROACH PAVEMENT	SY	690.00	\$6.12	\$4,222.80	741.00	\$4,534.92	\$312.12
87	REMOVE CONCRETE CURB AND GUTTER	LF	5,158.00	\$3.34	\$17,227.72	5,569.00	\$18,600.46	\$1,372.74
88	REMOVE CONCRETE SIDEWALK	SF	1,112.00	\$1.50	\$1,668.00	866.00	\$1,299.00	(\$369.00)
89	REMOVE CONCRETE DRIVEWAY	SY	360.00	\$6.12	\$2,203.20	360.00	\$2,203.20	\$0.00
90	REMOVE FENCE	LF	1,525.00	\$8.90	\$13,572.50	1,222.00	\$10,875.80	(\$2,696.70)
91	RESET FENCE	LF	989.00	\$8.90	\$8,802.10	919.00	\$8,179.10	(\$623.00)
92	REMOVE WALL	LF	163.00	\$11.12	\$1,812.56	112.00	\$1,245.44	(\$567.12)
93	REMOVE TRASH RACK	EA	1.00	\$556.20	\$556.20	1.00	\$556.20	\$0.00
94	AGGREGATE BASE COURSE	TON	5,888.00	\$17.11	\$100,743.68	7,276.61	\$124,502.80	\$23,759.12
95	GRAVEL SURFACING	TON	1,463.00	\$17.11	\$25,031.93	571.34	\$9,775.63	(\$15,256.30)

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96	TRAVEL GRAVEL	TON	200.00	\$16.00	\$3,200.00	827.44	\$13,239.04	\$10,039.04
97	ASPHALT CONCRETE, CLASS G, TYPE 1 PG64-28	TON	3,067.00	\$86.03	\$263,854.01	3,208.54	\$276,030.70	\$12,176.69
98	CONCRETE DRIVEWAY APPROACH PAVEMENT	SY	201.00	\$56.00	\$11,256.00	209.70	\$11,743.20	\$487.20
99	DRIVEWAY APPROACH PAVEMENT	SY	266.00	\$56.00	\$14,896.00	356.50	\$19,964.00	\$5,068.00
100	CONCRETE APPROACH PAVEMENT (REINFORCED), 6"	SY	96.00	\$64.00	\$6,144.00	82.50	\$5,280.00	(\$864.00)
101	CONCRETE ADA CURBSIDE DRIVEWAY APPROACH PAVEMENT, REINFORCED	SY	33.00	\$64.00	\$2,112.00	138.80	\$8,883.20	\$6,771.20
102	CONCRETE DRIVEWAY PAVEMENT	SY	223.00	\$56.00	\$12,488.00	252.60	\$14,145.60	\$1,657.60
103	6" REINFORCED CONCRETE PAVEMENT	SY	326.00	\$64.00	\$20,864.00	373.70	\$23,916.80	\$3,052.80
104	CLASS M CONCRETE FOR MISCELLANEOUS CONSTRUCTION	CY	50.00	\$300.00	\$15,000.00	3.60	\$1,080.00	(\$13,920.00)
105	CONCRETE "P6" GUTTER	LF	434.00	\$16.00	\$6,944.00	434.00	\$6,944.00	\$0.00
106	MODIFIED "P" GUTTER	LF	384.00	\$16.00	\$6,144.00	384.00	\$6,144.00	\$0.00
107	CONCRETE CURB & GUTTER, TYPE B66	LF	4,699.00	\$16.00	\$75,184.00	5,184.00	\$82,944.00	\$7,760.00
108	CONCRETE FILLET & PAN	SY	722.00	\$64.00	\$46,208.00	732.90	\$46,905.60	\$697.60
109	TYPE C RETAINING WALL (0' - 2')	LF	295.00	\$60.00	\$17,700.00	305.00	\$18,300.00	\$600.00
110	TYPE C RETAINING WALL (2' - 4')	LF	205.00	\$80.00	\$16,400.00	211.00	\$16,880.00	\$480.00
111	CAST IN PLACE CONCRETE RETAINING WALL (0' - 5')	LF	210.00	\$115.84	\$24,326.40	158.00	\$18,302.72	(\$6,023.68)
112	REMOVE AND RESET MAILBOX	EA	60.00	\$88.99	\$5,339.40	60.00	\$5,339.40	\$0.00
113	4" UNDERDRAIN	LF	3,336.00	\$5.83	\$19,448.88	3,336.00	\$19,448.88	\$0.00
114	4" UNDERDRAIN TERMINATION CLEANOUT	EA	4.00	\$473.60	\$1,894.40	4.00	\$1,894.40	\$0.00
115	18" RCP, CLASS III	LF	1,128.00	\$40.67	\$45,875.76	1,128.00	\$45,875.76	\$0.00
116	24" RCP, CLASS III	LF	132.00	\$50.11	\$6,614.52	132.00	\$6,614.52	\$0.00
117	30" RCP, CLASS III	LF	360.00	\$64.18	\$23,104.80	360.00	\$23,104.80	\$0.00
118	36" RCP, CLASS III	LF	26.00	\$82.06	\$2,133.56	18.00	\$1,477.08	(\$656.48)
119	36" RCP FLARED END	EA	1.00	\$1,105.48	\$1,105.48	1.00	\$1,105.48	\$0.00
120	18"X18"X18" RCP TEE	EA	2.00	\$826.12	\$1,652.24	2.00	\$1,652.24	\$0.00
121	TYPE "B" INLET W/VANED GRATE	EA	21.00	\$2,172.79	\$45,628.59	21.00	\$45,628.59	\$0.00
122	TYPE "E" INLET, 10'	EA	1.00	\$3,624.94	\$3,624.94	1.00	\$3,624.94	\$0.00
123	4'X4' JUNCTION BOX	EA	1.00	\$4,407.24	\$4,407.24	1.00	\$4,407.24	\$0.00
124	EROSION & WATER POLLUTION CONTROL PLAN	LS	1.00	\$1,668.60	\$1,668.60	1.00	\$1,668.60	\$0.00

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125	SEDIMENT CONTROL AT TYPE B INLET	EA	21.00	\$111.24	\$2,336.04	21.00	\$2,336.04	\$0.00
126	CLASS II RIPRAP	CY	33.00	\$66.07	\$2,180.31	33.00	\$2,180.31	\$0.00
127	DRAINAGE FABRIC	SY	90.00	\$8.90	\$801.00	90.00	\$801.00	\$0.00
128	LOW FLOW SILT FENCE	LF	2,000.00	\$4.45	\$8,900.00	1,559.00	\$6,937.55	(\$1,962.45)
129	HIGH FLOW SILT FENCE	LF	760.00	\$5.01	\$3,807.60	0.00	\$0.00	(\$3,807.60)
130	8" DIAM. EROSION CONTROLWATTLE	LF	2,400.00	\$3.06	\$7,344.00	1,958.00	\$5,991.48	(\$1,352.52)
131	12" DIAM. EROSION CONTROLWATTLE	LF	464.00	\$3.89	\$1,804.96	20.00	\$77.80	(\$1,727.16)
132	BANK AND CHANNEL PROTECTION GABION	CY	3.50	\$200.23	\$700.81	5.00	\$1,001.15	\$300.34
133	TURF REINFORCEMENT MAT	SY	215.00	\$7.23	\$1,554.45	128.00	\$925.44	(\$629.01)
134	EROSION CONTROL BLANKET	SY	115.00	\$2.78	\$319.70	222.00	\$617.16	\$297.46
135	PLACING TOPSOIL	CY	2,102.00	\$15.57	\$32,728.14	2,102.00	\$32,728.14	\$0.00
136	PERMANENT SEEDING, FERTALIZING AND MULCHING	SY	3,500.00	\$1.06	\$3,710.00	3,500.00	\$3,710.00	\$0.00
137	SODDING	SY	15,410.00	\$6.12	\$94,309.20	15,410.00	\$94,309.20	\$0.00
138	TRANSPLANT LILAC BUSHES	EA	15.00	\$444.96	\$6,674.40	8.00	\$3,559.68	(\$3,114.72)
139	HONEY LOCUST, 2" MIN DIA	EA	32.00	\$639.63	\$20,468.16	38.00	\$24,305.94	\$3,837.78
140	HAULING AND PLACING CO-COMPOST	CY	526.00	\$27.81	\$14,628.06	526.00	\$14,628.06	\$0.00
141	REMOVE & SALVAGE SIGN	EA	10.00	\$38.93	\$389.30	10.00	\$389.30	\$0.00
142	PERMANENT SIGN	EA	25.00	\$305.91	\$7,647.75	25.00	\$7,647.75	\$0.00
143	TRAFFIC CONTROL PLAN	EA	1.00	\$556.20	\$556.20	1.00	\$556.20	\$0.00
144	TRAFFIC CONTROL MISCELLANEOUS	LS	1.00	\$9,559.97	\$9,559.97	1.00	\$9,559.97	\$0.00
145	INCIDENTAL WORK	LS	1.00	\$8,343.00	\$8,343.00	1.00	\$8,343.00	\$0.00
146	RELOCATE LIGHT POLE	EA	3.00	\$1,500.00	\$4,500.00	3.00	\$4,500.00	\$0.00
147	CONCRETE SIDEWALK, 6" REINFORCED	SF	281.00	\$6.14	\$1,725.34	80.00	\$491.20	(\$1,234.14)
148	CONCRETE SIDEWALK, 4"	SF	11,830.00	\$4.63	\$54,772.90	12,172.00	\$56,356.36	\$1,583.46
149	DETECTABLE WARNING PANEL	SF	180.00	\$50.06	\$9,010.80	190.00	\$9,511.40	\$500.60
150	CONCRETE SIDEWALK, 6" REINFORCED	SF	80.00	\$6.14	\$491.20	280.00	\$1,719.20	\$1,228.00
151	CONCRETE SIDEWALK, 4"	SF	8,805.00	\$4.63	\$40,767.15	8,833.20	\$40,897.72	\$130.57
152	DETECTABLE WARNING PANEL	SF	80.00	\$50.06	\$4,004.80	80.00	\$4,004.80	\$0.00
153	6" 90 DEGREE BEND	EA	0.00	\$330.04	\$0.00	1.00	\$330.04	\$330.04
154	MANHOLE BASE	EA	0.00	\$780.90	\$0.00	1.00	\$780.90	\$780.90
155	LIQUIDATED DAMAGES	DAY	0.00	(\$1,300.00)	\$0.00	54.00	(\$70,200.00)	(\$70,200.00)
TOTAL					\$2,542,908.63		\$2,429,916.20	(\$112,992.43)

C.C.O. HISTORY INCREASE/(DECREASE)	PRIOR ADJUSTED CONTRACT PRICE :	\$2,542,908.63
CCO #1	NET INCREASE/(DECREASE):	(\$112,992.43)
	ADJUSTED CONTRACT PRICE:	\$2,429,916.20
	CHANGE TO DATE:	(\$112,992.43)

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CONTRACTOR: Heavy Constructors DATE 2/14/12

PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE 2/14/12

CITY ENGINEER: DALE TECH, P.E. / L.S. DATE 2-14-12

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 Heavy Constructors for a decrease of \$112,992.43 based on unit pricing with the following appropriation:

Initial Funding	\$506,344.84	\$54,240.34	\$507,375.04	\$557,237.79	\$53,948.11	\$689,922.13	\$173,840.38	\$2,542,908.63
Fund Type	Sanitary Sewer	Sanitary Sewer	Water	Water	Water	Streets	Drainage	
Department	0833	0834	0933	0934	0934	8910	8911	
Line Item	4380	4384	4381	4381	4385	4370	4371	
Fund	0604	0604	0602	0602	0602	0505	0505	
CCO #1	(\$16,405.03)	(\$3,384.27)	(\$25,961.81)	(\$20,482.32)	(\$2,628.52)	(\$20,334.08)	(\$23,796.40)	(\$112,992.43)
								\$0.00
								\$0.00
Adjusted Funding	\$489,939.81	\$50,856.07	\$481,413.23	\$536,755.47	\$51,319.59	\$669,588.05	\$150,043.98	\$2,429,916.20
								\$2,429,916.20

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
SILVER STREET AREA UTILITY IMPROVEMENTS
SSW07-1656 / CIP NO. 50416
AUGUST 19, 2011
ORIGINAL CONTRACT AMOUNT: \$2,542,908.63
CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	CLEARING & GRUBBING TREE, 6"-18"	FIELD MEASURED FINAL QUANTITY
5	CLEARING & GRUBBING, 18"-24" TREES	FIELD MEASURED FINAL QUANTITY
6	CLEARING & GRUBBING, 24"+ TREES	FIELD MEASURED FINAL QUANTITY
7	CLEARING & GRUBBING, STUMP	FIELD MEASURED FINAL QUANTITY
9	8" PVC SEWER MAIN (6'- 8')	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
10	8" PVC SEWER MAIN (8'-10')	PLANS QUANTITY WAS INCORRECTLY IDENTIFIED
11	8" PVC SEWER MAIN (10'-12')	PLANS QUANTITY WAS INCORRECTLY IDENTIFIED
12	8" PVC SEWER MAIN (12'-14')	PLANS QUANTITY WAS INCORRECTLY IDENTIFIED
14	4" PVC SEWER SERVICE LINE	FIELD MEASURED FINAL QUANTITY
15	8" SEWER CAP	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
16	DROP MANHOLE, 48"	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
17	EXTRA MANHOLE DEPTH, 48" DIA.	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
20	4" SANITARY SEWER SERVICE CLEANOUT	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
24	NEW SANITARY SEWER SERVICE CONNECTION	FIELD MEASURED FINAL QUANTITY
26	1" COPPER SERVICE	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
27	2" COPPER SERVICE	FIELD MEASURED FINAL QUANTITY
28	4" PVC WATER MAIN	FIELD MEASURED FINAL QUANTITY

30	8" RJ PVC WATER MAIN	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
33	2" TAPPING SADDLE & CORP STOP	FIELD MEASURED FINAL QUANTITY
36	8" X 6" REDUCER	FIELD MEASURED FINAL QUANTITY
39	8" X 8" X 6" TEE	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
40	8" X 8" X 8" TEE	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
47	8" 11.25 DEGREE BEND	FIELD MEASURED FINAL QUANTITY
48	8" 22.5 DEGREE BEND	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
60	12" GATE VALVE W/BOX	FIELD MEASURED FINAL QUANTITY
62	REMOVE AND SALVAGE FIRE HYDRANT WITH AUXILARY VALVE	FIELD MEASURED FINAL QUANTITY
64	CONNECT TO EXISTING WATER MAIN	FIELD MEASURED FINAL QUANTITY
65	RECONNECT WATER SERVICE LINE	FIELD MEASURED FINAL QUANTITY
66	NEW WATER SERVICE CONNECTION	FIELD MEASURED FINAL QUANTITY
67	ENCASEMENT	FIELD MEASURED FINAL QUANTITY
68	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	FIELD MEASURED FINAL QUANTITY
69	TYPE I BEDDING MATERIAL	FIELD MEASURED FINAL QUANTITY
70	TYPE III FOUNDATION MATERIAL	FIELD MEASURED FINAL QUANTITY
71	IMPORTED TRENCH BACKFILL MATERIAL	FIELD MEASURED FINAL QUANTITY
74	CATHODIC PROTECTION ANODE, 18 LB ZINC	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
75	ROCK EXCAVATION	FIELD MEASURED FINAL QUANTITY
76	UNCLASSIFIED EXCAVATION	ADDITIONAL WORK ON MALLOW STREET (SEE FCO #2)
77	UNDERCUT EXCAVATION	ADDITIONAL WORK ON MALLOW STREET (SEE FCO #2)
78	UNCLASSIFIED EXCAVATION - DIGOUTS	FIELD MEASURED FINAL QUANTITY
79	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	FIELD MEASURED FINAL QUANTITY

80	CRUSHED ROCK	FIELD MEASURED FINAL QUANTITY
81	PAVEMENT, FULL DEPTH, POOR CONDITION	FIELD MEASURED FINAL QUANTITY
83	HAUL EXCESS AC MILLINGS	FIELD MEASURED FINAL QUANTITY
84	REMOVE ASPHALT CONCRETE DRIVEWAY	FIELD MEASURED FINAL QUANTITY
85	REMOVE ASPHALT CONCRETE PAVEMENT	FIELD MEASURED FINAL QUANTITY
86	REMOVE CONCRETE APPROACH PAVEMENT	FIELD MEASURED FINAL QUANTITY
87	REMOVE CONCRETE CURB AND GUTTER	FIELD MEASURED FINAL QUANTITY
88	REMOVE CONCRETE SIDEWALK	FIELD MEASURED FINAL QUANTITY
90	REMOVE FENCE	FIELD MEASURED FINAL QUANTITY
91	RESET FENCE	FIELD MEASURED FINAL QUANTITY
92	REMOVE WALL	FIELD MEASURED FINAL QUANTITY
94	AGGREGATE BASE COURSE	ADDITIONAL WORK ON MALLOW STREET (SEE FCO #2)
95	GRAVEL SURFACING	FIELD MEASURED FINAL QUANTITY
96	TRAVEL GRAVEL	FIELD MEASURED FINAL QUANTITY
97	ASPHALT CONCRETE, CLASS G, TYPE 1 PG64-28	ADDITIONAL WORK ON MALLOW STREET (SEE FCO #2)
98	CONCRETE DRIVEWAY APPROACH PAVEMENT	FIELD MEASURED FINAL QUANTITY
99	DRIVEWAY APPROACH PAVEMENT	FIELD MEASURED FINAL QUANTITY
100	CONCRETE APPROACH PAVEMENT (REINFORCED), 6"	FIELD MEASURED FINAL QUANTITY
101	DRIVEWAY APPROACH PAVEMENT, REINFORCED	FIELD MEASURED FINAL QUANTITY
102	CONCRETE DRIVEWAY PAVEMENT	FIELD MEASURED FINAL QUANTITY
103	6" REINFORCED CONCRETE PAVEMENT	FIELD MEASURED FINAL QUANTITY
104	CLASS M CONCRETE FOR MISCELANOUS CONSTRUCTION	FIELD MEASURED FINAL QUANTITY
107	CONCRETE CURB & GUTTER, TYPE B66	FIELD MEASURED FINAL QUANTITY

108	CONCRETE FILLET & PAN	FIELD MEASURED FINAL QUANTITY
109	TYPE C RETAINING WALL (0' - 2')	FIELD MEASURED FINAL QUANTITY
110	TYPE C RETAINING WALL (2' - 4')	FIELD MEASURED FINAL QUANTITY
111	CAST IN PLACE CONCRETE RETAINING WALL (0' - 5')	FIELD MEASURED FINAL QUANTITY
118	36" RCP, CLASS III	FIELD MEASURED FINAL QUANTITY
128	LOW FLOW SILT FENCE	FIELD MEASURED FINAL QUANTITY
129	HIGH FLOW SILT FENCE	FIELD MEASURED FINAL QUANTITY
130	8" DIAM. EROSION CONTROLWATTLE	FIELD MEASURED FINAL QUANTITY
131	12" DIAM. EROSION CONTROLWATTLE	FIELD MEASURED FINAL QUANTITY
132	BANK AND CHANNEL PROTECTION GABION	FIELD MEASURED FINAL QUANTITY
138	TRANSPLANT LILAC BUSHES	FIELD MEASURED FINAL QUANTITY
139	HONEY LOCUST, 2" MIN DIA	FIELD MEASURED FINAL QUANTITY
147	CONCRETE SIDEWALK, 6" REINFORCED	FIELD MEASURED FINAL QUANTITY
148	CONCRETE SIDEWALK, 4"	FIELD MEASURED FINAL QUANTITY
149	DETECTABLE WARNING PANEL	FIELD MEASURED FINAL QUANTITY
150	CONCRETE SIDEWALK, 6" REINFORCED	FIELD MEASURED FINAL QUANTITY
151	CONCRETE SIDEWALK, 4"	FIELD MEASURED FINAL QUANTITY
153	6" 90 DEGREE BEND	CORC ENGINEERING REQUESTED CHANGE (SEE FCO #1)
155	LIQUIDATED DAMAGES	FINAL WORKING DAY COUNT

PREPARED BY: Klare Schroeder

DATE: February 3, 2012

FUNDING TYPE		Sanitary Sewer		Sanitary Sewer		Water		Water		Water		Streets		Drainage		
COST CENTER		833		834		933		934		934		8910		8911		
LINE ITEM		4380		4384		4381		4381		4385		4370		4371		
FUND		604		604		602		602		602		505		505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	22%	0.00	2%	0.00	22%	0.00	25%	0.00	2%	0.00	20%	0.00	7%	100%
2	CONSTRUCTION STAKING	0.00	20%	0.00	2%	0.00	20%	0.00	22%	0.00	2%	0.00	27%	0.00	7%	100%
3	CLEARING & GRUBBING	0.00	20%	0.00	0%	0.00	20%	0.00	20%	0.00	0%	0.00	30%	0.00	10%	100%
4	CLEARING & GRUBBING TREE	-44.50	20%	0.00	0%	-44.50	20%	-44.50	20%	0.00	0%	-66.74	30%	-22.25	10%	100%
5	CLEARING & GRUBBING, 18"-24"	-489.46	20%	0.00	0%	-489.46	20%	-489.46	20%	0.00	0%	-734.18	30%	-244.73	10%	100%
6	CLEARING & GRUBBING, 24"+	700.81	20%	0.00	0%	700.81	20%	700.81	20%	0.00	0%	1,051.22	30%	350.41	10%	100%
7	CLEARING & GRUBBING, STUM	-266.98	20%	0.00	0%	-266.98	20%	-266.98	20%	0.00	0%	-400.46	30%	-133.49	10%	100%
8	8" PVC SEWER MAIN (0'-6')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
9	8" PVC SEWER MAIN (6'-8')	197.19	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
10	8" PVC SEWER MAIN (8'-10')	-791.86	30%	-1,883.34	70%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
11	8" PVC SEWER MAIN (10'-12')	2,752.32	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
12	8" PVC SEWER MAIN (12'-14')	157.60	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
13	8" PVC SEWER MAIN (14'-16')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
14	4" PVC SEWER SERVICE LINE	-3,670.35	85%	-652.80	15%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
15	8" SEWER CAP	180.60	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
16	DROP MANHOLE, 48"	1,870.06	65%	1,006.96	35%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
17	EXTRA MANHOLE DEPTH, 48" U	-340.49	82%	-76.78	18%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
18	STANDARD MANHOLE, 48" DIA	0.00	77%	0.00	23%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
19	REMOVE MANHOLE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
20	4" SANITARY SEWER SERVICE	-1,191.72	80%	-290.52	20%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
21	SANITARY SEWER MANHOLE A	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
22	CONNECTION TO EXISTING SE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
23	RECONNECT SEWER SERVICE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
24	NEW SANITARY SEWER SERVI	-26.62	2%	-1,304.18	98%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
25	BYPASS PUMPING	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
26	1" COPPER SERVICE	0.00	0%	0.00	0%	-5,556.81	93%	0.00	0%	-392.67	7%	0.00	0%	0.00	0%	100%
27	2" COPPER SERVICE	0.00	0%	0.00	0%	3,251.71	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
28	4" PVC WATER MAIN	0.00	0%	0.00	0%	31.67	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
29	6" RJ PVC WATER MAIN	0.00	0%	0.00	0%	0.00	50%	0.00	32%	0.00	18%	0.00	0%	0.00	0%	100%
30	8" RJ PVC WATER MAIN	0.00	0%	0.00	0%	-3,747.00	50%	-2,592.92	35%	-1,154.08	15%	0.00	0%	0.00	0%	100%
31	12" RJ PVC WATER MAIN	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
32	1" TAPPING SADDLE & CORP S	0.00	0%	0.00	0%	0.00	91%	0.00	0%	0.00	9%	0.00	0%	0.00	0%	100%
33	2" TAPPING SADDLE & CORP S	0.00	0%	0.00	0%	435.62	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
34	1" CURB STOP & BOX	0.00	0%	0.00	0%	0.00	91%	0.00	0%	0.00	9%	0.00	0%	0.00	0%	100%
35	2" CURB STOP & BOX	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
36	8" X 6" REDUCER	0.00	0%	0.00	0%	-682.89	88%	0.00	0%	-90.49	12%	0.00	0%	0.00	0%	100%
37	12" X 8" REDUCER	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
38	6" X 6" X 6" TEE	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
39	8" X 8" X 6" TEE	0.00	0%	0.00	0%	261.54	50%	151.69	29%	109.84	21%	0.00	0%	0.00	0%	100%
40	8" X 6" X 8" TEE	0.00	0%	0.00	0%	282.95	50%	151.10	27%	131.85	23%	0.00	0%	0.00	0%	100%
41	12" X 12" X 4" TEE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
42	12" X 12" X 6" TEE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
43	12" X 12" X 8" TEE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
44	12" X 12" X 12" TEE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
45	8" X 8" X 8" TAPPING SLEEVE, V	0.00	0%	0.00	0%	0.00	50%	0.00	15%	0.00	35%	0.00	0%	0.00	0%	100%
46	8" 45 DEGREE BEND	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
47	8" 11.25 DEGREE BEND	0.00	0%	0.00	0%	-204.64	50%	-204.64	50%	0.00	0%	0.00	0%	0.00	0%	100%

48	8" 22.5 DEGREE BEND	0.00	0%	0.00	0%	-205.48	50%	-205.48	50%	0.00	0%	0.00	0%	0.00	0%	100%
49	8" 45 DEGREE BEND	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
50	8" 90 DEGREE BEND	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
51	12" 11.25 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
52	12" 45 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
53	12" 90 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
54	12" X 8" CROSS	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
55	12" X 12" CROSS	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
56	12" MJ CAP	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
57	8" MJ CAP	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
58	6" GATE VALVE W/ BOX	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
59	8" GATE VALVE W/ BOX	0.00	0%	0.00	0%	0.00	50%	0.00	37%	0.00	13%	0.00	0%	0.00	0%	100%
60	12" GATE VALVE W/BOX	0.00	0%	0.00	0%	0.00	0%	2,478.98	100%	0.00	0%	0.00	0%	0.00	0%	100%
61	FIRE HYDRANT W/AUX VALVE	0.00	0%	0.00	0%	0.00	50%	0.00	33%	0.00	18%	0.00	0%	0.00	0%	100%
62	REMOVE AND SALVAGE FIRE H	0.00	0%	0.00	0%	278.10	50%	278.10	50%	0.00	0%	0.00	0%	0.00	0%	100%
63	ABANDON VALVE AND SALVAG	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
64	CONNECT TO EXISTING WATE	0.00	0%	0.00	0%	313.08	50%	313.08	50%	0.00	0%	0.00	0%	0.00	0%	100%
65	RECONNECT WATER SERVICE	0.00	0%	0.00	0%	462.38	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
66	NEW WATER SERVICE CONNE	0.00	0%	0.00	0%	0.00	0%	-116.60	10%	-1,049.36	90%	0.00	0%	0.00	0%	100%
67	ENCASEMENT	0.00	0%	0.00	0%	1,918.89	50%	1,918.89	50%	0.00	0%	0.00	0%	0.00	0%	100%
68	CONTROLLED LOW STRENGTH	-6,674.25	25%	0.00	0%	-5,339.40	20%	-5,339.40	20%	0.00	0%	0.00	0%	-9,343.95	35%	100%
69	TYPE I BEDDING MATERIAL	-2,174.48	25%	0.00	0%	-1,739.58	20%	-1,739.58	20%	0.00	0%	0.00	0%	-3,044.27	35%	100%
70	TYPE III FOUNDATION MATERIA	-2,425.56	25%	0.00	0%	-1,940.45	20%	-1,940.45	20%	0.00	0%	0.00	0%	-3,395.78	35%	100%
71	IMPORTED TRENCH BACKFILL	-1,168.50	30%	0.00	0%	-973.75	25%	-973.75	25%	0.00	0%	0.00	0%	-779.00	20%	100%
72	24" STEEL PIPE CASING & BOR	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
73	CATHODIC PROTECTION TEST	0.00	0%	0.00	0%	0.00	50%	0.00	50%	0.00	0%	0.00	0%	0.00	0%	100%
74	CATHODIC PROTECTION ANOD	0.00	0%	0.00	0%	-1,634.55	50%	-1,634.55	50%	0.00	0%	0.00	0%	0.00	0%	100%
75	ROCK EXCAVATION	-3,270.75	50%	0.00	0%	-1,635.38	25%	-1,635.38	25%	0.00	0%	0.00	0%	0.00	0%	100%
76	UNCLASSIFIED EXCAVATION	512.08	20%	0.00	0%	384.06	15%	384.06	15%	0.00	0%	1,280.19	50%	0.00	0%	100%
77	UNDERCUT EXCAVATION	341.38	20%	0.00	0%	170.69	10%	170.69	10%	0.00	0%	1,024.15	60%	0.00	0%	100%
78	UNCLASSIFIED EXCAVATION -	-784.98	20%	0.00	0%	-588.74	15%	-588.74	15%	0.00	0%	-1,962.45	50%	0.00	0%	100%
79	WOVEN GEOTEXTILE SUBGRA	251.03	20%	0.00	0%	125.51	10%	125.51	10%	0.00	0%	753.08	60%	0.00	0%	100%
80	CRUSHED ROCK	-412.80	20%	0.00	0%	-309.60	15%	-309.60	15%	0.00	0%	-1,032.00	50%	0.00	0%	100%
81	MILL AND SALVAGE ACC PAVE	-275.52	35%	0.00	0%	-137.76	18%	-137.76	18%	0.00	0%	-236.16	30%	0.00	0%	100%
82	PLACE MILLED AC MATERIAL	-864.69	30%	0.00	0%	-432.35	15%	-432.35	15%	0.00	0%	-864.69	30%	-288.23	10%	100%
83	HAUL EXCESS AC MILLINGS	-189.25	35%	0.00	0%	-94.62	18%	-94.62	18%	0.00	0%	-162.21	30%	0.00	0%	100%
84	REMOVE ASPHALT CONCRETE	14.24	20%	0.00	0%	7.12	10%	7.12	10%	0.00	0%	42.72	60%	0.00	0%	100%
85	REMOVE ASPHALT CONCRETE	58.35	30%	0.00	0%	29.18	15%	29.18	15%	0.00	0%	58.35	30%	19.45	10%	100%
86	REMOVE CONCRETE APPROA	62.42	20%	0.00	0%	31.21	10%	31.21	10%	0.00	0%	187.27	60%	0.00	0%	100%
87	REMOVE CONCRETE CURB AN	411.82	30%	0.00	0%	205.91	15%	205.91	15%	0.00	0%	411.82	30%	137.27	10%	100%
88	REMOVE CONCRETE SIDEWAL	-110.70	30%	0.00	0%	-55.35	15%	-55.35	15%	0.00	0%	-110.70	30%	-36.90	10%	100%
89	REMOVE CONCRETE DRIVEWA	0.00	20%	0.00	0%	0.00	10%	0.00	10%	0.00	0%	0.00	60%	0.00	0%	100%
90	REMOVE FENCE	-539.34	20%	0.00	0%	-404.51	15%	-404.51	15%	0.00	0%	-1,348.35	50%	0.00	0%	100%
91	RESET FENCE	-124.60	20%	0.00	0%	-93.45	15%	-93.45	15%	0.00	0%	-311.50	50%	0.00	0%	100%
92	REMOVE WALL	-113.42	20%	0.00	0%	-85.07	15%	-85.07	15%	0.00	0%	-283.56	50%	0.00	0%	100%
93	REMOVE TRASH RACK	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
94	AGGREGATE BASE COURSE	7,127.74	30%	0.00	0%	3,563.87	15%	3,563.87	15%	0.00	0%	9,503.65	40%	0.00	0%	100%
95	GRAVEL SURFACING	-3,051.26	20%	0.00	0%	-2,288.45	15%	-2,288.45	15%	0.00	0%	-7,628.15	50%	0.00	0%	100%
96	TRAVEL GRAVEL	3,011.71	30%	0.00	0%	1,505.86	15%	1,505.86	15%	0.00	0%	3,011.71	30%	1,003.90	10%	100%

97	ASPHALT CONCRETE, CLASS C	3,653.01	30%	0.00	0%	1,826.50	15%	1,826.50	15%	0.00	0%	4,870.68	40%	0.00	0%	100%
98	CONCRETE DRIVEWAY APPRO	97.44	20%	0.00	0%	48.72	10%	48.72	10%	0.00	0%	292.32	60%	0.00	0%	100%
99	CONCRETE ADA CURBSIDE DR	1,013.80	20%	0.00	0%	506.80	10%	506.80	10%	0.00	0%	3,040.80	60%	0.00	0%	100%
100	CONCRETE APPROACH PAVEM	-172.80	20%	0.00	0%	-86.40	10%	-86.40	10%	0.00	0%	-518.40	60%	0.00	0%	100%
101	CONCRETE ADA CURBSIDE DR	1,354.24	20%	0.00	0%	677.12	10%	677.12	10%	0.00	0%	4,062.72	60%	0.00	0%	100%
102	CONCRETE DRIVEWAY PAVEM	331.52	20%	0.00	0%	165.76	10%	165.76	10%	0.00	0%	994.56	60%	0.00	0%	100%
103	6" REINFORCED CONCRETE PA	1,221.12	40%	0.00	0%	457.92	15%	457.92	15%	0.00	0%	915.84	30%	0.00	0%	100%
104	CLASS M CONCRETE FOR MIS	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	-13,920.00	100%	0.00	0%	100%
105	CONCRETE "P6" GUTTER	0.00	20%	0.00	0%	0.00	10%	0.00	10%	0.00	0%	0.00	60%	0.00	0%	100%
106	MODIFIED "P" GUTTER	0.00	20%	0.00	0%	0.00	10%	0.00	10%	0.00	0%	0.00	60%	0.00	0%	100%
107	CONCRETE CURB & GUTTER, T	2,328.00	30%	0.00	0%	1,164.00	15%	1,164.00	15%	0.00	0%	3,104.00	40%	0.00	0%	100%
108	CONCRETE FILLET & PAN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	697.60	100%	0.00	0%	100%
109	TYPE C RETAINING WALL (0' - 2	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	600.00	100%	0.00	0%	100%
110	TYPE C RETAINING WALL (2' - 4	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	480.00	100%	0.00	0%	100%
111	CAST IN PLACE CONCRETE RE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	-6,023.68	100%	0.00	0%	100%
112	REMOVE AND RESET MAILBOX	0.00	30%	0.00	0%	0.00	15%	0.00	15%	0.00	0%	0.00	40%	0.00	0%	100%
113	4" UNDERDRAIN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
114	4" UNDERDRAIN TERMINATION	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
115	18" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
116	24" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
117	30" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
118	36" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
119	36" RCP FLARED END	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
120	18"X18"X18" RCP TEE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
121	TYPE "B" INLET W/AVANED GRA	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
122	TYPE "E" INLET, 10"	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
123	4X4 JUNCTION BOX	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
124	EROSION & WATER POLLUTION	0.00	20%	0.00	2%	0.00	20%	0.00	22%	0.00	2%	0.00	27%	0.00	7%	100%
125	SEDIMENT CONTROL AT TYPE	0.00	20%	0.00	2%	0.00	20%	0.00	22%	0.00	2%	0.00	27%	0.00	7%	100%
126	CLASS II RIPRAP	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
127	DRAINAGE FABRIC	0.00	20%	0.00	2%	0.00	20%	0.00	22%	0.00	2%	0.00	27%	0.00	7%	100%
128	LOW FLOW SILT FENCE	-392.49	20%	-39.25	2%	-392.49	20%	-431.74	22%	-39.25	2%	-529.66	27%	-137.37	7%	100%
129	HIGH FLOW SILT FENCE	-761.52	20%	-76.15	2%	-761.52	20%	-837.67	22%	-76.15	2%	-1,028.05	27%	-268.53	7%	100%
130	8" DIAM. EROSION CONTROL W	-270.50	20%	-27.05	2%	-270.50	20%	-297.55	22%	-27.05	2%	-365.18	27%	-94.68	7%	100%
131	12" DIAM. EROSION CONTROL W	-345.43	20%	-34.54	2%	-345.43	20%	-379.98	22%	-34.54	2%	-466.33	27%	-120.90	7%	100%
132	BANK AND CHANNEL PROTECT	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	300.34	100%	100%
133	TURF REINFORCEMENT MAT	-125.80	20%	-12.58	2%	-125.80	20%	-138.38	22%	-12.58	2%	-169.83	27%	-44.03	7%	100%
134	EROSION CONTROL BLANKET	59.49	20%	5.95	2%	59.49	20%	65.44	22%	5.95	2%	80.31	27%	20.82	7%	100%
135	PLACING TOPSOIL	0.00	30%	0.00	0%	0.00	15%	0.00	15%	0.00	0%	0.00	30%	0.00	10%	100%
136	PERMANENT SEEDING, FERTA	0.00	30%	0.00	0%	0.00	15%	0.00	15%	0.00	0%	0.00	30%	0.00	10%	100%
137	SODDING	0.00	30%	0.00	0%	0.00	15%	0.00	15%	0.00	0%	0.00	30%	0.00	0%	100%
138	TRANSPLANT LILAC BUSHES	-934.42	30%	0.00	0%	-622.94	20%	-622.94	20%	0.00	0%	-934.42	30%	0.00	0%	100%
139	HONEY LOCUST, 2" MIN DIA	1,151.33	30%	0.00	0%	767.56	20%	767.56	20%	0.00	0%	1,151.33	30%	0.00	0%	100%
140	HAULING AND PLACING CO-CC	0.00	30%	0.00	0%	0.00	15%	0.00	15%	0.00	0%	0.00	30%	0.00	10%	100%
141	REMOVE & SALVAGE SIGN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
142	PERMANENT SIGN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
143	TRAFFIC CONTROL PLAN	0.00	22%	0.00	2%	0.00	22%	0.00	25%	0.00	2%	0.00	20%	0.00	7%	100%

144	TRAFFIC CONTROL MISCELLANEOUS	0.00	22%	0.00	2%	0.00	22%	0.00	25%	0.00	2%	0.00	20%	0.00	7%	100%
145	INCIDENTAL WORK	0.00	30%	0.00	0%	0.00	15%	0.00	15%	0.00	0%	0.00	30%	0.00	10%	100%
146	RELOCATE LIGHT POLE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
147	CONCRETE SIDEWALK, 6" REIN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	-1,234.14	100%	0.00	0%	100%
148	CONCRETE SIDEWALK, 4"	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,583.46	100%	0.00	0%	100%
149	DETECTABLE WARNING PANEL	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	500.60	100%	0.00	0%	100%
150	CONCRETE SIDEWALK, 6" REIN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,228.00	100%	0.00	0%	100%
151	CONCRETE SIDEWALK, 4"	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	130.57	100%	0.00	0%	100%
152	DETECTABLE WARNING PANEL	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
153	6" 90 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	330.04	100%	0.00	0%	0.00	0%	0.00	0%	100%
154	MANHOLE BASE	780.90	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	100%
155	LIQUIDATED DAMAGES	-14,040.00	20%	0.00	0%	-14,040.00	20%	-14,040.00	20%	0.00	0%	-21,060.00	30%	-7,020.00	10%	100%
		(\$16,405.03)		\$ (3,384.27)		\$ (25,961.81)		\$ (20,482.32)		(\$2,628.52)		(\$20,334.08)		(\$23,796.40)		(\$112,992.43)