

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #5

ST. ANDREW STREET RECONSTRUCTION

PROJECT NO. ST07-1604 / CIP #50410

JANUARY 16, 2009

ORIGINAL CONTRACT AMOUNT: \$1,287,862.66

CONTRACTOR: SHOVELHEAD EXCAVATING, INC.

PW021009-12

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	REMOVE MANHOLE	EA	6.00	\$500.00	\$3,000.00	6.00	\$3,000.00	\$0.00
2	PIPE ENCASEMENT	LF	51.00	\$50.00	\$2,550.00	51.00	\$2,550.00	\$0.00
3	8" PVC SEWER MAIN (8'-10')	LF	550.00	\$25.00	\$13,750.00	550.00	\$13,750.00	\$0.00
4	8" PVC SEWER MAIN (10'-12')	LF	830.00	\$28.00	\$23,240.00	830.00	\$23,240.00	\$0.00
5	8" PVC SEWER MAIN (12'-14')	LF	120.00	\$30.00	\$3,600.00	120.00	\$3,600.00	\$0.00
6	12" PVC SEWER MAIN (8'-10')	LF	578.00	\$30.00	\$17,340.00	578.00	\$17,340.00	\$0.00
7	4" PVC SEWER SERVICE LINE	LF	2,955.00	\$20.00	\$59,100.00	2,955.00	\$59,100.00	\$0.00
8	4" PVC SEWER CLEANOUT	EA	54.00	\$100.00	\$5,400.00	54.00	\$5,400.00	\$0.00
9	ABANDON CLEANOUT	EA	1.00	\$25.00	\$25.00	1.00	\$25.00	\$0.00
10	EXTRA MANHOLE DEPTH, 48" DIA	V FT	40.00	\$85.00	\$3,400.00	40.00	\$3,400.00	\$0.00
11	STANDARD MANHOLE, 48" DIA	EA	10.00	\$2,800.00	\$28,000.00	10.00	\$28,000.00	\$0.00
12	ADJUST MANHOLE RING & COVER	EA	3.00	\$200.00	\$600.00	3.00	\$600.00	\$0.00
13	CONNECTION TO EXISTING MANHOLE	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
14	CONNECTION TO EXISTING SEWER MAIN	EA	7.00	\$200.00	\$1,400.00	7.00	\$1,400.00	\$0.00
15	REMOVE SEWER MAIN	LF	294.00	\$2.00	\$588.00	294.00	\$588.00	\$0.00
16	RESHAPE MANHOLE INVERT	EA	0.00	\$400.00	\$0.00	0.00	\$0.00	\$0.00
17	REMOVE WATER MAIN	LF	10.00	\$2.00	\$20.00	10.00	\$20.00	\$0.00
18	REMOVE & SALVAGE FIRE HYDRANT, VALVE AND BOX	EA	3.00	\$200.00	\$600.00	3.00	\$600.00	\$0.00
19	EXPLORATORY EXCAVATION, WATER	HR	2.00	\$70.00	\$140.00	2.00	\$140.00	\$0.00
20	1" COPPER SERVICE	LF	3,468.00	\$12.00	\$41,616.00	3,468.00	\$41,616.00	\$0.00
21	6" PVC WATER MAIN	LF	174.00	\$20.00	\$3,480.00	174.00	\$3,480.00	\$0.00
22	8" PVC WATER MAIN	LF	2,633.00	\$23.00	\$60,559.00	2,620.00	\$60,260.00	(\$299.00)
23	1" TAPPING SADDLE & CORP STOP	EA	84.00	\$200.00	\$16,800.00	84.00	\$16,800.00	\$0.00
24	1" CURB STOP	EA	84.00	\$200.00	\$16,800.00	84.00	\$16,800.00	\$0.00
25	8" X 6" REDUCER	EA	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00
26	8" HIGH DEFLECTION COUPLING	EA	0.00	\$125.00	\$0.00	0.00	\$0.00	\$0.00
27	8" X 8" X 6" TEE	EA	8.00	\$500.00	\$4,000.00	8.00	\$4,000.00	\$0.00
28	20" X 8" X 8" TAPPING TEE, VALVE & BOX	EA	1.00	\$2,500.00	\$2,500.00	1.00	\$2,500.00	\$0.00

29	1/2" X 12" X 8" TAPPING TEE, VALVE & BOX	EA	2.00	\$2,500.00	\$5,000.00	2.00	\$5,000.00	\$0.00
30	8" 22.5 DEGREE BEND	EA	2.00	\$250.00	\$500.00	2.00	\$500.00	\$0.00
31	8" X 8" CROSS	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
32	8" MJ CAP	EA	2.00	\$150.00	\$300.00	2.00	\$300.00	\$0.00
33	6" GATE VALVE W/BOX	EA	0.00	\$850.00	\$0.00	0.00	\$0.00	\$0.00
34	8" GATE VALVE W/BOX	EA	18.00	\$1,500.00	\$27,000.00	18.00	\$27,000.00	\$0.00
35	FIRE HYDRANT W/AUX VALVE, BOX & LEAD	EA	8.00	\$2,500.00	\$20,000.00	8.00	\$20,000.00	\$0.00
36	REMOVE & SALVAGE VALVE AND BOX	EA	3.00	\$100.00	\$300.00	3.00	\$300.00	\$0.00
37	REMOVE CURB STOP AND BOX	EA	84.00	\$50.00	\$4,200.00	84.00	\$4,200.00	\$0.00
38	CONNECT TO EXISTING WATER MAIN	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
39	WATER MAIN ENCASEMENT	LF	475.00	\$50.00	\$23,750.00	475.00	\$23,750.00	\$0.00
40	CATHODIC CONTROL TEST STATION	EA	3.00	\$200.00	\$600.00	4.00	\$800.00	\$200.00
41	CATHODIC PROTECTION, SACRIFICIAL ANODE	EA	111.00	\$300.00	\$33,300.00	111.00	\$33,300.00	\$0.00
42	EXPLORATORY EXCAVATION, STORM SEWER	HR	6.00	\$70.00	\$420.00	6.00	\$420.00	\$0.00
43	REMOVE CONCRETE JUNCTION BOX	EA	3.00	\$200.00	\$600.00	3.00	\$600.00	\$0.00
44	REMOVE 12" RCP	LF	29.00	\$10.00	\$290.00	29.00	\$290.00	\$0.00
45	REMOVE 18" RCP	LF	180.00	\$15.00	\$2,700.00	180.00	\$2,700.00	\$0.00
46	REMOVE 24" CLAY	LF	0.00	\$20.00	\$0.00	0.00	\$0.00	\$0.00
47	REMOVE 36" RCP	LF	0.00	\$25.00	\$0.00	0.00	\$0.00	\$0.00
48	REMOVE 48" RCP	LF	96.00	\$30.00	\$2,880.00	96.00	\$2,880.00	\$0.00
49	REMOVE AREA INLET (ALLEY)	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
50	REMOVE TYPE E DROP INLET	EA	3.00	\$400.00	\$1,200.00	3.00	\$1,200.00	\$0.00
51	REMOVE TYPE B DROP INLET (3RD)	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
52	18" RCP, CLASS II	LF	408.00	\$25.00	\$10,200.00	370.00	\$9,250.00	(\$950.00)
53	24" RCP, CLASS II	LF	0.00	\$30.00	\$0.00	0.00	\$0.00	\$0.00
54	36" RCP, CLASS II	LF	0.00	\$55.00	\$0.00	0.00	\$0.00	\$0.00
55	48" RCP, CLASS II	LF	92.00	\$100.00	\$9,200.00	92.00	\$9,200.00	\$0.00
56	TYPE "B" INLET WITH VANED GRATE	EA	12.00	\$2,400.00	\$28,800.00	12.00	\$28,800.00	\$0.00
57	6' X 10' TYPE "S" INLET	EA	1.00	\$6,500.00	\$6,500.00	1.00	\$6,500.00	\$0.00
58	48" STORM SEWER MANHOLE	EA	0.00	\$2,300.00	\$0.00	0.00	\$0.00	\$0.00
59	4' X 6' JUNCTION BOX	EA	0.00	\$6,500.00	\$0.00	0.00	\$0.00	\$0.00
60	6' X 6' JUNCTION BOX	EA	1.00	\$8,000.00	\$8,000.00	1.00	\$8,000.00	\$0.00
61	3' X 3' JUNCTION BOX	EA	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
62	4" PERFORATED UNDERDRAIN LINE & ROCK	LF	5,186.00	\$2.50	\$12,965.00	5,186.00	\$12,965.00	\$0.00

63	EROSION & WATER POLLUTION CONTROL PLAN	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
64	TEMPORARY EROSION CONTROL	LS	1.00	\$800.00	\$800.00	1.00	\$800.00	\$0.00
65	SAWING, ASPHALT PAVEMENT	LF	581.00	\$2.00	\$1,162.00	272.00	\$544.00	(\$618.00)
66	REMOVE & RESET CHAIN LINK FENCE	LF	75.00	\$10.00	\$750.00	0.00	\$0.00	(\$750.00)
67	REMOVE & RESET WOOD FENCE	LF	50.00	\$10.00	\$500.00	0.00	\$0.00	(\$500.00)
68	REMOVE ASPHALT CONCRETE PAVEMENT	SY	9,522.00	\$8.00	\$76,176.00	9,138.00	\$73,104.00	(\$3,072.00)
69	REMOVE CONCRETE CURB & GUTTER	LF	4,754.00	\$2.00	\$9,508.00	4,675.00	\$9,350.00	(\$158.00)
70	REMOVE CONCRETE FILLET & PAN	SF	735.00	\$5.00	\$3,675.00	735.00	\$3,675.00	\$0.00
71	REMOVE CONCRETE SIDEWALK	SF	4,149.00	\$2.00	\$8,298.00	4,149.00	\$8,298.00	\$0.00
72	REMOVE CONCRETE DRIVEWAY	SY	727.00	\$5.00	\$3,635.00	727.00	\$3,635.00	\$0.00
73	REMOVE TREE, 8" - 10"	EA	12.00	\$125.00	\$1,500.00	12.00	\$1,500.00	\$0.00
74	EXCAVATION, UNCLASSIFIED	CY	3,036.00	\$10.00	\$30,360.00	3,036.00	\$30,360.00	\$0.00
75	TEMPORARY GRAVEL SURFACING	T	550.00	\$14.00	\$7,700.00	550.00	\$7,700.00	\$0.00
76	AGGREGATE BASE COURSE	T	4,540.00	\$14.00	\$63,560.00	4,771.00	\$66,794.00	\$3,234.00
77	GRAVEL SURFACING	T	100.00	\$14.00	\$1,400.00	100.00	\$1,400.00	\$0.00
78	ASPHALT CONCRETE, CLASS G, TYPE 1 PG64-28 (5")	T	2,680.00	\$69.00	\$184,920.00	2,680.00	\$184,920.00	\$0.00
79	CONCRETE APPROACH PAVEMENT, 6"	SY	550.00	\$55.00	\$30,250.00	550.00	\$30,250.00	\$0.00
80	CONCRETE APPROACH PAVEMENT, REINFORCED, 6"	SY	22.00	\$88.00	\$1,496.00	22.00	\$1,496.00	\$0.00
81	CONCRETE DRIVEWAY PAVEMENT, 6"	SY	850.00	\$55.00	\$46,750.00	850.00	\$46,750.00	\$0.00
82	CONCRETE DRIVEWAY PAVEMENT, REINFORCED, 6"	SY	44.00	\$68.00	\$2,992.00	44.00	\$2,992.00	\$0.00
83	CONCRETE "P6" GUTTER	LF	887.00	\$14.31	\$12,692.97	887.00	\$12,692.97	\$0.00
84	CONCRETE CURB & GUTTER, TYPE B66	LF	4,339.00	\$14.31	\$62,091.09	4,339.00	\$62,091.09	\$0.00
85	CONCRETE FILLET & PAN (REINFORCED), 6"	SY	418.00	\$78.00	\$32,604.00	418.00	\$32,604.00	\$0.00
86	CONCRETE SIDEWALK, 4"	SF	4,885.00	\$4.20	\$20,517.00	6,800.00	\$28,560.00	\$8,043.00
87	CONCRETE SIDEWALK, 6", REINFORCED	SF	160.00	\$7.70	\$1,232.00	160.00	\$1,232.00	\$0.00
88	CONCRETE TYPE C RETAINING WALL (2-4')	LF	79.00	\$133.00	\$10,507.00	79.00	\$10,507.00	\$0.00
89	DETECTABLE WARNING PANEL	EA	24.00	\$275.00	\$6,600.00	24.00	\$6,600.00	\$0.00
90	SODDING & FERTILIZING	SY	4,000.00	\$12.30	\$49,200.00	4,000.00	\$49,200.00	\$0.00
91	SALVAGE, REINSTALL SPRINKLER SYSTEM (PER YARD)	EA	14.00	\$440.00	\$6,160.00	14.00	\$6,160.00	\$0.00
92	CLEAR & GRUB TREE STUMP	EA	17.00	\$200.00	\$3,400.00	17.00	\$3,400.00	\$0.00
93	DECIDUOUS TREE	EA	5.00	\$500.00	\$2,500.00	5.00	\$2,500.00	\$0.00
94	TRAFFIC CONTROL	LS	1.00	\$1,200.00	\$1,200.00	1.00	\$1,200.00	\$0.00
95	TRAFFIC CONTROL PLAN	LS	1.00	\$300.00	\$300.00	1.00	\$300.00	\$0.00
96	MOBILIZATION/DEMOBILIZATION	LS	1.00	\$15,000.00	\$15,000.00	1.00	\$15,000.00	\$0.00

97	MISCELLANEOUS & INCIDENTAL	LS	1.00	\$15,000.00	\$15,000.00	1.00	\$15,000.00	\$0.00
98	STREET NAME SIGNS, ASSEMBLY	EA	3.00	\$400.00	\$1,200.00	3.00	\$1,200.00	\$0.00
99	REMOVE & RESET REGULATORY SIGN	EA	5.00	\$75.00	\$375.00	5.00	\$375.00	\$0.00
100	REGULATORY SIGN	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
101	RELOCATE LIGHT POLE	EA	3.00	\$1,000.00	\$3,000.00	3.00	\$3,000.00	\$0.00
102	CONCRETE STEPS	EA	18.00	\$225.00	\$4,050.00	18.00	\$4,050.00	\$0.00
103	WATER MAIN LOWERING	EA	3.00	\$2,651.00	\$7,953.00	3.00	\$7,953.00	\$0.00
104	8"-45 DEGREE BEND	EA	6.00	\$275.00	\$1,650.00	6.00	\$1,650.00	\$0.00
105	2" LANDSCAPE ROCK (RIVER ROCK) & FABRIC	T	150.00	\$23.00	\$3,450.00	602.00	\$13,846.00	\$10,396.00
106	GEO GRID FABRIC	SY	1,172.00	\$2.25	\$2,637.00	1,172.00	\$2,637.00	\$0.00
107	4' X 10' JUCTION BOX	EA	1.00	\$7,501.00	\$7,501.00	1.00	\$7,501.00	\$0.00
TOTAL					\$1,261,815.06		\$1,277,341.06	\$15,526.00

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$1,261,815.06
CCO #1	\$15,642.00	NET INCREASE:		\$15,526.00
CCO #2	(\$60,157.60)	ADJUSTED CONTRACT PRICE:		\$1,277,341.06
CCO #3	\$18,468.00			
CCO #4	\$0.00			
CCO #5	\$15,526.00	CHANGE TO DATE:		(\$10,521.60)

Ronald A. Bengs
 CONTRACTOR: SHOVELHEAD EXCAVATING, INC., PO BOX 9306, RAPID CITY, SD 57709

1-20-09
 DATE

Ronald A. Bengs
 CONSULTANT: RONALD A. BENGS, ADVANCED ENGINEERING & SURVEYING, INC

Jan 20, 2009
 DATE

Klare Schroeder
 CITY PROJECT MANAGER: KLARE SCHROEDER

1/23/09
 DATE

CITY ENGINEER: DALE TECH

DATE

MAYOR: ALAN HANKS

DATE

FINANCE: JAMES PRESTON

DATE

CONTRACT TIME CHANGE +/-: NEW CONTRACT TIME:

City Staff recommends approval of this Change Order #5 to Shovelhead Excavating, Inc. for a increase of \$15,526.00 based on unit pricing with the following appropriation:

Initial Funding	\$262,312.50	\$155,067.90	\$264,105.00	\$424,062.26	\$182,315.00	\$1,287,862.66
Fund Type	0107	0505	0602	0604	0505	
Department	2012 Streets	Streets	Water	Sanitary Sewer	Storm Sewer	
Line Item	0135	8910	0933	0833	8911	
Fund	4390	0000	4381	4380	4371	
CCO #1	\$5,631.12	\$10,010.88	\$0.00	\$0.00	\$0.00	\$15,642.00
CCO #2	\$6,356.66	\$11,300.74	\$14,063.00	(\$11,718.00)	(\$80,160.00)	(\$60,157.60)
CCO #3	\$8,988.48	\$15,979.52	\$0.00	\$0.00	(\$6,500.00)	\$18,468.00
CCO #4	(\$262,312.50)	(\$155,067.90)	\$0.00	(\$424,062.26)	\$0.00	(\$841,442.66)
	\$238,469.40	\$424,062.26	\$0.00	\$178,911.00	\$0.00	\$841,442.66
CCO #5	\$5,967.00	\$10,608.00	(\$99.00)	\$0.00	(\$950.00)	\$15,526.00
						\$1,277,341.06
Adjusted Funding	\$265,412.66	\$471,961.40	\$278,069.00	\$167,193.00	\$94,705.00	\$1,277,341.06

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #5
ST. ANDREW STREET RECONSTRUCTION**

PROJECT NO. ST07-1604 / CIP #50410

JANUARY 16, 2009

ORIGINAL CONTRACT AMOUNT: \$1,287,862.66

CONTRACTOR: SHOVELHEAD EXCAVATING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
22	8" PVC WATER MAIN	Balance out actual installed quantity
40	CATHODIC CONTROL TEST STATION	Replaced existing test station at North leg of 1st Street Not originally planned
52	18" RCP, CLASS II	Eliminated with revised storm sewer layout
65	SAWING, ASPHALT PAVEMENT	Did not require amount of sawing as estimate
66	REMOVE & RESET CHAIN LINK FENCE	Able to work around not remove
67	REMOVE & RESET WOOD FENCE	Able to work around not remove
68	REMOVE ASPHALT CONCRETE PAVEMENT	Did not require as much removal on side street
69	REMOVE CONCRETE CURB & GUTTER	Did not require as much removal on side street
76	AGGREGATE BASE COURSE	Additional base course required; added driveways back fill at storm sewer inlets.
86	CONCRETE SIDEWALK, 4"	Poor condition of sidewalk, required additional replacement
105	2" LANDSCAPE ROCK (RIVER ROCK) & FABRIC	Additional landowners requested river rock in place of sod, sod quantity will be reduced with final quantities.

PREPARED BY: RONALD A. BENGS

DATE: January 16, 2009