

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**MOUNTAIN VIEW ROAD UTILITIES RECONSTRUCTION, JACKSON BOULEVARD TO OMAHA STREET**  
**PROJECT NO. W05-1342 / CIP NO. 50350**  
**JUNE 4, 2007**  
**ORIGINAL CONTRACT AMOUNT: \$589,243.35**  
**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

PW062607-05

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$61,150.00	\$61,150.00	1	\$61,150.00	\$0.00
2	Construction Staking	LS	1.00	\$40,000.00	\$40,000.00	1	\$40,000.00	\$0.00
3	Remove Manhole	Each	5.00	\$800.00	\$4,000.00	7	\$5,600.00	\$1,600.00
4	Remove Sewer Pipe	Ft	460.00	\$17.15	\$7,889.00	460	\$7,889.00	\$0.00
5	Remove Asphalt Concrete Pavement	SqYd	90.00	\$11.40	\$1,026.00	90	\$1,026.00	\$0.00
6	Salvage Fire Hydrant with Valve and Box	Each	5.00	\$750.00	\$3,750.00	5	\$3,750.00	\$0.00
7	Water for Granular Material	MGal	50.00	\$20.60	\$1,030.00	50	\$1,030.00	\$0.00
8	Incidental Work	LS	1.00	\$15,350.00	\$15,350.00	1	\$15,350.00	\$0.00
9	Base Course	Ton	100.00	\$23.00	\$2,300.00	100	\$2,300.00	\$0.00
10	Asphalt Concrete Composite	Ton	100.00	\$230.00	\$23,000.00	100	\$23,000.00	\$0.00
11	Pipe Encasement	Each	14.00	\$1,360.00	\$19,040.00	14	\$19,040.00	\$0.00
12	4" PVC Pipe	Ft	18.00	\$41.00	\$738.00	50	\$2,050.00	\$1,312.00
13	6" PVC Pipe	Ft	300.00	\$31.75	\$9,525.00	337	\$10,699.75	\$1,174.75
14	8" PVC Water Main	Ft	210.00	\$35.75	\$7,507.50	210	\$7,507.50	\$0.00
15	12" PVC Water Main	Ft	2,244.00	\$41.50	\$93,126.00	2244	\$93,126.00	\$0.00
16	1" Copper Pipe	Ft	162.00	\$30.50	\$4,941.00	162	\$4,941.00	\$0.00
17	1.5" Copper Pipe	Ft	28.00	\$46.00	\$1,288.00	30	\$1,380.00	\$92.00
18	2" Copper Pipe	Ft	52.00	\$51.45	\$2,675.40	78	\$4,013.10	\$1,337.70
19	8" Restrained Joint Sewer Pipe	Ft	127.00	\$90.00	\$11,430.00	140	\$12,600.00	\$1,170.00
20	12" Restrained Joint Sewer Pipe	Ft	68.00	\$110.00	\$7,480.00	80	\$8,800.00	\$1,320.00
21	8" PVC Sewer Pipe	Ft	777.00	\$30.00	\$23,310.00	777	\$23,310.00	\$0.00
22	10" PVC Sewer Pipe	Ft	129.00	\$34.00	\$4,386.00	130	\$4,420.00	\$34.00
23	12" PVC Sewer Pipe	Ft	308.00	\$37.00	\$11,396.00	283	\$10,471.00	(\$925.00)
24	4" Sewer Service	Ft	272.00	\$24.35	\$6,623.20	272	\$6,623.20	\$0.00
25	6" Sewer Service	Ft	127.00	\$25.75	\$3,270.25	191	\$4,918.25	\$1,648.00
26	6"x4" Pipe Tee	Each	1.00	\$385.00	\$385.00	1	\$385.00	\$0.00
27	8"x8" Pipe Tee	Each	1.00	\$675.00	\$675.00	1	\$675.00	\$0.00
28	12"x6" Pipe Tee	Each	10.00	\$810.00	\$8,100.00	10	\$8,100.00	\$0.00
29	12"x8" Pipe Tee	Each	3.00	\$875.00	\$2,625.00	3	\$2,625.00	\$0.00

30	12"x12" Pipe Tee	Each	1.00	\$1,100.00	\$1,100.00	1	\$1,100.00	PW062607.05
31	8"x6" Pipe Reducer	Each	3.00	\$360.00	\$1,080.00	3	\$1,080.00	\$0.00
32	18"x12" Pipe Reducer	Each	1.00	\$1,100.00	\$1,100.00	1	\$1,100.00	\$0.00
33	Tapping Saddle	Each	6.00	\$315.00	\$1,890.00	5	\$1,575.00	(\$315.00)
34	30"x12" Tapping Tee	Each	1.00	\$6,800.00	\$6,800.00	1	\$6,800.00	\$0.00
35	1.5" Corporation Stop with Tapping Saddle	Each	1.00	\$400.00	\$400.00	1	\$400.00	\$0.00
36	2" Corporation Stop with Tapping Saddle	Each	1.00	\$460.00	\$460.00	2	\$920.00	\$460.00
37	1" Curb Stop with Box	Each	5.00	\$360.00	\$1,800.00	3	\$1,080.00	(\$720.00)
38	1.5" Curb Stop with Box	Each	1.00	\$360.00	\$360.00	1	\$360.00	\$0.00
39	2" Curb Stop with Box	Each	1.00	\$415.00	\$415.00	2	\$830.00	\$415.00
40	4" Pipe Bend	Each	1.00	\$240.00	\$240.00	3	\$720.00	\$480.00
41	6" Pipe Bend	Each	3.00	\$265.00	\$795.00	8	\$2,120.00	\$1,325.00
42	8" Pipe Bend	Each	2.00	\$375.00	\$750.00	2	\$750.00	\$0.00
43	12" Pipe Bend	Each	6.00	\$615.00	\$3,690.00	6	\$3,690.00	\$0.00
44	1" Pipe Coupling	Each	6.00	\$240.00	\$1,440.00	5	\$1,200.00	(\$240.00)
45	1.5" Pipe Coupling	Each	1.00	\$270.00	\$270.00	1	\$270.00	\$0.00
46	2" Pipe Coupling	Each	1.00	\$285.00	\$285.00	4	\$1,140.00	\$855.00
47	4" Pipe Coupling	Each	1.00	\$330.00	\$330.00	1	\$330.00	\$0.00
48	6" Pipe Coupling	Each	4.00	\$500.00	\$2,000.00	4	\$2,000.00	\$0.00
49	8" Pipe Coupling	Each	1.00	\$650.00	\$650.00	1	\$650.00	\$0.00
50	18" Pipe Coupling	Each	1.00	\$2,050.00	\$2,050.00	1	\$2,050.00	\$0.00
51	10" Pipe Transition Coupling	Each	1.00	\$650.00	\$650.00	1	\$650.00	\$0.00
52	12" Pipe Transition Coupling	Each	1.00	\$800.00	\$800.00	1	\$800.00	\$0.00
53	12" Pipe Plug	Each	3.00	\$525.00	\$1,575.00	3	\$1,575.00	\$0.00
54	2" Air Release Valve Assembly	Each	1.00	\$2,435.00	\$2,435.00	1	\$2,435.00	\$0.00
55	4" Gate Valve with Box	Each	1.00	\$770.00	\$770.00	2	\$1,540.00	\$770.00
56	6" Gate Valve with Box	Each	1.00	\$870.00	\$870.00	1	\$870.00	\$0.00
57	8" Gate Valve with Box	Each	5.00	\$1,150.00	\$5,750.00	5	\$5,750.00	\$0.00
58	12" Gate Valve with Box	Each	12.00	\$3,170.00	\$38,040.00	12	\$38,040.00	\$0.00
59	Standard Fire Hydrant	Each	10.00	\$2,735.00	\$27,350.00	10	\$27,350.00	\$0.00
60	Type 1 Bedding Material	Ton	100.00	\$25.00	\$2,500.00	0	\$0.00	(\$2,500.00)
61	Type 2 Foundation Material	Ton	100.00	\$25.00	\$2,500.00	15	\$375.00	(\$2,125.00)
62	Type 3 Foundation Material	Ton	100.00	\$25.00	\$2,500.00	0	\$0.00	(\$2,500.00)
63	Controlled Low Strength Backfill	CuYd	20.00	\$100.00	\$2,000.00	20	\$2,000.00	\$0.00

64	Muck Excavation, Trench	CuYd	60.00	\$28.50	\$1,710.00	60	\$1,710.00	PW062607.05
65	Adjust Water Valve Box	Each	3.00	\$225.00	\$675.00	3	\$675.00	\$0.00
66	Reconnect Water Service	Each	7.00	\$225.00	\$1,575.00	7	\$1,575.00	\$0.00
67	Connect To Existing Water Main	Each	2.00	\$750.00	\$1,500.00	3	\$2,250.00	\$750.00
68	Reconnect Sewer Service	Each	8.00	\$575.00	\$4,600.00	10	\$5,750.00	\$1,150.00
69	Corrosion Protection	LS	1.00	\$37,125.00	\$37,125.00	1	\$37,125.00	\$0.00
70	Test Station	Each	9.00	\$835.00	\$7,515.00	9	\$7,515.00	\$0.00
71	Flagging	Hour	100.00	\$20.52	\$2,052.00	0	\$0.00	(\$2,052.00)
72	Traffic Control, Miscellaneous	LS	1.00	\$5,715.00	\$5,715.00	1	\$5,715.00	\$0.00
73	Air Release Manhole	Each	1.00	\$4,675.00	\$4,675.00	1	\$4,675.00	\$0.00
74	48" Manhole	Each	6.00	\$2,800.00	\$16,800.00	6	\$16,800.00	\$0.00
75	Extra Depth for 48" Manhole	Ft	29.80	\$200.00	\$5,960.00	34.7	\$6,940.00	\$980.00
76	Connect Into Existing Manhole	Each	2.00	\$1,100.00	\$2,200.00	2	\$2,200.00	\$0.00
77	Reshape Manhole Invert	Each	2.00	\$1,200.00	\$2,400.00	2	\$2,400.00	\$0.00
78	Sodding	SqYd	40.00	\$12.00	\$480.00	40	\$480.00	\$0.00
79	AASHTO T-180 Soil Test	Each	3.00	\$200.00	\$600.00	3	\$600.00	\$0.00
<b>TOTAL</b>					<b>\$589,243.35</b>		<b>\$594,739.80</b>	<b>\$5,496.45</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$589,243.35
CCO #1	\$5,496.45	NET INCREASE/(DECREASE):	\$5,496.45
CCO #2		ADJUSTED CONTRACT PRICE:	\$594,739.80
CCO #3		CHANGE TO DATE:	\$5,496.45

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CONTRACTOR: HEAVY CONSTRUCTORS, INC., PO Box 3234, Rapid City, SD 57709-3234 DATE

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PROJECT MANAGER: KLARE SCHROEDER DATE

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MAYOR: JIM SHAW DATE

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FINANCE: JAMES PRESTON DATE

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CONTRACT TIME CHANGE +/-: 0      NEW CONTRACT TIME:      Days

City Staff recommends approval of this Change Order #1 to Heavy Constructors, Inc. for an increase of \$5,496.45 based on unit pricing with the following appropriation:

Initial Funding	\$162,396.55	\$426,846.80	\$0.00	\$0.00	\$589,243.35
Fund Type	Sanitary Sewer	Water			
Fund	0604	0602			
Department	0833	0933			
Line Item	4380	4381			
CCO #1	\$4,223.90	\$1,272.55			\$5,496.45
CCO #					\$0.00
CCO #					\$0.00
Adjusted Funding	\$166,620.45	\$428,119.35	\$0.00	\$0.00	\$594,739.80

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LINE ITEM	DESCRIPTION	REASON FOR CHANGE
3	Remove Manhole	extra san. sewer manhole at Eye Care Centre and at approx. STA 11+00, 20' R
12	4" PVC Pipe	Beverly water service was a 4" service line instead of a 1" service
13	6" PVC Pipe	moving the location of the tie-in & FH at the intersection of Jackson and Mt. View increased the 6" PVC lead to the hydrant
17	1.5" Copper Pipe	field conditions warranted longer pipe
18	2" Copper Pipe	Wells Fargo water service was a 2" service line instead of a 1" service
19	8" Restrained Joint Sewer Pipe	field conditions warranted longer pipe
20	12" Restrained Joint Sewer Pipe	field conditions warranted longer pipe
22	10" PVC Sewer Pipe	field conditions warranted longer pipe
23	12" PVC Sewer Pipe	longer sections of restrained joint pipe reduced the required length of this type of pipe
25	6" Sewer Service	extra san. sewer pipe required for services at Eye Care Centre
33	Tapping Saddle	Wells Fargo and Beverly were larger service sizes - a saddle was installed on the lead to the FH which was to be used for a water service tap at Eye Centre but the service was relocated and therefore this saddle was ultimately not used (net -1)
36	2" Corporation Stop with Tapping Saddle	Wells Fargo water service was a 2" service line instead of a 1" service
37	1" Curb Stop with Box	underrun due to Wells Fargo and Beverly being larger service sizes
39	2" Curb Stop with Box	Wells Fargo water service was a 2" service line instead of a 1" service
40	4" Pipe Bend	Beverly water service was a 4" service and field conditions required bends to lower pipe depths to meet new main
41	6" Pipe Bend	FH at the intersection of Jackson and Mt. View required bends to relocate, other bends to lower FHs depths to meet main
44	1" Pipe Coupling	underrun due to Wells Fargo and Beverly being larger service sizes
46	2" Pipe Coupling	Wells Fargo water service was a 2" service line instead of a 1" service, and 2" copper service pipe is straight sections that require couplings at the joints
55	4" Gate Valve with Box	Beverly water service was a 4" service line instead of a 1" service
67	Connect To Existing Water Main	field conditions required additional connections (in front of Checker from Fall work, and two in front of Subway)
68	Reconnect Sewer Service	extra san. sewer services at Eye Care Centre (temp and 2nd service)
75	Extra Depth for 48" Manhole	extra 1.3' per manhole due plans differing from actual conditions for invert to final grade

PREPARED BY:  Alex Weiers DATE:  6/12/07