

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2 FINAL**  
**MOUNTAIN VIEW ROAD UTILITIES RECONSTRUCTION, JACKSON BOULEVARD TO OMAHA STREET**  
**PROJECT NO. W05-1342 / CIP NO. 50350**  
**MARCH 27, 2008**  
**ORIGINAL CONTRACT AMOUNT: \$589,243.35**  
**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	\$61,150.00	\$61,150.00	1.00	\$61,150.00	\$0.00
2	Construction Staking	LS	1.00	\$40,000.00	\$40,000.00	1.00	\$40,000.00	\$0.00
3	Remove Manhole	Each	7.00	\$800.00	\$5,600.00	7.00	\$5,600.00	\$0.00
4	Remove Sewer Pipe	Ft	460.00	\$17.15	\$7,889.00	460.00	\$7,889.00	\$0.00
5	Remove Asphalt Concrete Pavement	SqYd	90.00	\$11.40	\$1,026.00	71.00	\$809.40	(\$216.60)
6	Salvage Fire Hydrant with Valve and Box	Each	5.00	\$750.00	\$3,750.00	5.00	\$3,750.00	\$0.00
7	Water for Granular Material	MGal	50.00	\$20.60	\$1,030.00	0.00	\$0.00	(\$1,030.00)
8	Incidental Work	LS	1.00	\$15,350.00	\$15,350.00	1.00	\$15,350.00	\$0.00
9	Base Course	Ton	100.00	\$23.00	\$2,300.00	14.90	\$342.70	(\$1,957.30)
10	Asphalt Concrete Composite	Ton	100.00	\$230.00	\$23,000.00	8.60	\$1,978.00	(\$21,022.00)
11	Pipe Encasement	Each	14.00	\$1,360.00	\$19,040.00	14.00	\$19,040.00	\$0.00
12	4" PVC Pipe	Ft	50.00	\$41.00	\$2,050.00	50.00	\$2,050.00	\$0.00
13	6" PVC Pipe	Ft	337.00	\$31.75	\$10,699.75	337.00	\$10,699.75	\$0.00
14	8" PVC Water Main	Ft	210.00	\$35.75	\$7,507.50	210.00	\$7,507.50	\$0.00
15	12" PVC Water Main	Ft	2,244.00	\$41.50	\$93,126.00	2,244.00	\$93,126.00	\$0.00
16	1" Copper Pipe	Ft	162.00	\$30.50	\$4,941.00	104.00	\$3,172.00	(\$1,769.00)
17	1.5" Copper Pipe	Ft	30.00	\$46.00	\$1,380.00	30.00	\$1,380.00	\$0.00
18	2" Copper Pipe	Ft	78.00	\$51.45	\$4,013.10	78.00	\$4,013.10	\$0.00
19	8" Restrained Joint Sewer Pipe	Ft	140.00	\$90.00	\$12,600.00	140.00	\$12,600.00	\$0.00
20	12" Restrained Joint Sewer Pipe	Ft	80.00	\$110.00	\$8,800.00	80.00	\$8,800.00	\$0.00
21	8" PVC Sewer Pipe	Ft	777.00	\$30.00	\$23,310.00	769.00	\$23,070.00	(\$240.00)
22	10" PVC Sewer Pipe	Ft	130.00	\$34.00	\$4,420.00	130.00	\$4,420.00	\$0.00
23	12" PVC Sewer Pipe	Ft	283.00	\$37.00	\$10,471.00	283.00	\$10,471.00	\$0.00
24	4" Sewer Service	Ft	272.00	\$24.35	\$6,623.20	272.00	\$6,623.20	\$0.00
25	6" Sewer Service	Ft	191.00	\$25.75	\$4,918.25	191.00	\$4,918.25	\$0.00
26	6"x4" Pipe Tee	Each	1.00	\$385.00	\$385.00	1.00	\$385.00	\$0.00
27	8"x8" Pipe Tee	Each	1.00	\$675.00	\$675.00	1.00	\$675.00	\$0.00
28	12"x6" Pipe Tee	Each	10.00	\$810.00	\$8,100.00	10.00	\$8,100.00	\$0.00
29	12"x8" Pipe Tee	Each	3.00	\$875.00	\$2,625.00	3.00	\$2,625.00	\$0.00

30	12"x12" Pipe Tee	Each	1.00	\$1,100.00	\$1,100.00	1.00	\$1,100.00	\$0.00
31	8"x6" Pipe Reducer	Each	3.00	\$360.00	\$1,080.00	3.00	\$1,080.00	\$0.00
32	18"x12" Pipe Reducer	Each	1.00	\$1,100.00	\$1,100.00	1.00	\$1,100.00	\$0.00
33	Tapping Saddle	Each	5.00	\$315.00	\$1,575.00	5.00	\$1,575.00	\$0.00
34	30"x12" Tapping Tee	Each	1.00	\$6,800.00	\$6,800.00	1.00	\$6,800.00	\$0.00
35	1.5" Corporation Stop with Tapping Saddle	Each	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
36	2" Corporation Stop with Tapping Saddle	Each	2.00	\$460.00	\$920.00	2.00	\$920.00	\$0.00
37	1" Curb Stop with Box	Each	3.00	\$360.00	\$1,080.00	3.00	\$1,080.00	\$0.00
38	1.5" Curb Stop with Box	Each	1.00	\$360.00	\$360.00	1.00	\$360.00	\$0.00
39	2" Curb Stop with Box	Each	2.00	\$415.00	\$830.00	2.00	\$830.00	\$0.00
40	4" Pipe Bend	Each	3.00	\$240.00	\$720.00	3.00	\$720.00	\$0.00
41	6" Pipe Bend	Each	8.00	\$265.00	\$2,120.00	8.00	\$2,120.00	\$0.00
42	8" Pipe Bend	Each	2.00	\$375.00	\$750.00	2.00	\$750.00	\$0.00
43	12" Pipe Bend	Each	6.00	\$615.00	\$3,690.00	6.00	\$3,690.00	\$0.00
44	1" Pipe Coupling	Each	5.00	\$240.00	\$1,200.00	5.00	\$1,200.00	\$0.00
45	1.5" Pipe Coupling	Each	1.00	\$270.00	\$270.00	1.00	\$270.00	\$0.00
46	2" Pipe Coupling	Each	4.00	\$285.00	\$1,140.00	4.00	\$1,140.00	\$0.00
47	4" Pipe Coupling	Each	1.00	\$330.00	\$330.00	1.00	\$330.00	\$0.00
48	6" Pipe Coupling	Each	4.00	\$500.00	\$2,000.00	4.00	\$2,000.00	\$0.00
49	8" Pipe Coupling	Each	1.00	\$650.00	\$650.00	1.00	\$650.00	\$0.00
50	18" Pipe Coupling	Each	1.00	\$2,050.00	\$2,050.00	0.00	\$0.00	(\$2,050.00)
51	10" Pipe Transition Coupling	Each	1.00	\$650.00	\$650.00	1.00	\$650.00	\$0.00
52	12" Pipe Transition Coupling	Each	1.00	\$800.00	\$800.00	1.00	\$800.00	\$0.00
53	12" Pipe Plug	Each	3.00	\$525.00	\$1,575.00	3.00	\$1,575.00	\$0.00
54	2" Air Release Valve Assembly	Each	1.00	\$2,435.00	\$2,435.00	1.00	\$2,435.00	\$0.00
55	4" Gate Valve with Box	Each	2.00	\$770.00	\$1,540.00	2.00	\$1,540.00	\$0.00
56	6" Gate Valve with Box	Each	1.00	\$870.00	\$870.00	1.00	\$870.00	\$0.00
57	8" Gate Valve with Box	Each	5.00	\$1,150.00	\$5,750.00	3.00	\$3,450.00	(\$2,300.00)
58	12" Gate Valve with Box	Each	12.00	\$3,170.00	\$38,040.00	12.00	\$38,040.00	\$0.00
59	Standard Fire Hydrant	Each	10.00	\$2,735.00	\$27,350.00	10.00	\$27,350.00	\$0.00
60	Type 1 Bedding Material	Ton	100.00	\$25.00	\$2,500.00	0.00	\$0.00	(\$2,500.00)
61	Type 2 Foundation Material	Ton	100.00	\$25.00	\$2,500.00	15.00	\$375.00	(\$2,125.00)
62	Type 3 Foundation Material	Ton	100.00	\$25.00	\$2,500.00	0.00	\$0.00	(\$2,500.00)
63	Controlled Low Strength Backfill	CuYd	20.00	\$100.00	\$2,000.00	8.00	\$800.00	(\$1,200.00)

64	Muck Excavation, Trench	CuYd	60.00	\$28.50	\$1,710.00	60.00	\$1,710.00	\$0.00
65	Adjust Water Valve Box	Each	3.00	\$225.00	\$675.00	3.00	\$675.00	\$0.00
66	Reconnect Water Service	Each	7.00	\$225.00	\$1,575.00	7.00	\$1,575.00	\$0.00
67	Connect To Existing Water Main	Each	3.00	\$750.00	\$2,250.00	3.00	\$2,250.00	\$0.00
68	Reconnect Sewer Service	Each	10.00	\$575.00	\$5,750.00	10.00	\$5,750.00	\$0.00
69	Corrosion Protection	LS	1.00	\$37,125.00	\$37,125.00	1.00	\$37,125.00	\$0.00
70	Test Station	Each	9.00	\$835.00	\$7,515.00	9.00	\$7,515.00	\$0.00
71	Flagging	Hour	100.00	\$20.52	\$2,052.00	0.00	\$0.00	(\$2,052.00)
72	Traffic Control, Miscellaneous	LS	1.00	\$5,715.00	\$5,715.00	1.00	\$5,715.00	\$0.00
73	Air Release Manhole	Each	1.00	\$4,675.00	\$4,675.00	1.00	\$4,675.00	\$0.00
74	48" Manhole	Each	6.00	\$2,800.00	\$16,800.00	6.00	\$16,800.00	\$0.00
75	Extra Depth for 48" Manhole	Ft	34.70	\$200.00	\$6,940.00	34.70	\$6,940.00	\$0.00
76	Connect Into Existing Manhole	Each	2.00	\$1,100.00	\$2,200.00	2.00	\$2,200.00	\$0.00
77	Reshape Manhole Invert	Each	2.00	\$1,200.00	\$2,400.00	2.00	\$2,400.00	\$0.00
78	Sodding	SqYd	40.00	\$12.00	\$480.00	0.00	\$0.00	(\$480.00)
79	AASHTO T-180 Soil Test	Each	3.00	\$200.00	\$600.00	6.00	\$1,200.00	\$600.00
80	20" Coupler	Each	0.00	\$2,964.42	\$0.00	1.00	\$2,964.42	\$2,964.42
81	Additional Traffic Control - Jackson Blvd	LS	0.00	\$1,000.00	\$0.00	1.00	\$1,000.00	\$1,000.00
82	Additional Barriers & Sloped End - Jackson Blvd	LS	0.00	\$900.00	\$0.00	1.00	\$900.00	\$900.00
83	Rem. & Replace Conc. Panel - Jackson Blvd	SqYd	0.00	\$120.00	\$0.00	29.30	\$3,516.00	\$3,516.00
84	Rem. & Replace Conc. C&G - Jackson Blvd	LF	0.00	\$30.00	\$0.00	60.00	\$1,800.00	\$1,800.00
85	Incidental Work / TCM - Jackson Blvd	LS	0.00	\$800.00	\$0.00	1.00	\$800.00	\$800.00
86	Exploratory Excavation - Jackson Blvd	Hour	0.00	\$350.00	\$0.00	11.50	\$4,025.00	\$4,025.00
<b>TOTAL</b>					<b>\$603,916.80</b>		<b>\$578,080.32</b>	<b>(\$25,836.48)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$603,916.80
CCO #1	\$14,673.45	NET INCREASE/(DECREASE):		(\$25,836.48)
CCO #2 FINAL	(\$25,836.48)	ADJUSTED CONTRACT PRICE:		\$578,080.32
		CHANGE TO DATE:		(\$11,163.03)

CONTRACTOR: HEAVY CONSTRUCTORS, INC., PO Box 3234, Rapid City, SD 57709-3234	DATE
PROJECT MANAGER: KLARE SCHROEDER	DATE
CITY ENGINEER: ROBERT ELLIS	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #2 Final to Heavy Constructors, Inc. for a decrease of \$25,836.48 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	\$7,696.45	\$6,977.00			\$14,673.45
CCO #2 Final	(\$10,855.89)	(\$14,980.59)			(\$25,836.48)
Adjusted Funding	\$159,237.11	\$418,843.21	\$0.00	\$0.00	\$578,080.32

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2 FINAL**  
**MOUNTAIN VIEW ROAD UTILITIES RECONSTRUCTION, JACKSON BOULEVARD TO OMAHA STREET**  
**PROJECT NO. W05-1342 / CIP NO. 50350**  
**MARCH 27, 2008**  
**ORIGINAL CONTRACT AMOUNT: \$589,243.35**  
**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	Remove Asphalt Concrete Pavement	Original Contract quantity was not required due to field conditions.
7	Water for Granular Material	Contractor did not need to use any water for granular material on this project.
9	Base Course	Original Contract quantity was not required due to field conditions.
10	Asphalt Concrete Composite	Original Contract quantity was not used in anticipated areas due to SDDOT field changes. The connection point for the water connection to the existing 30" water main in Jackson Boulevard was moved to the point of the existing connection which was in the
16	1" Copper Pipe	Quantity decreased due to Wells Fargo and Beverly Health Care water service sizes being larger than 1".
21	8" PVC Sewer Pipe	Final quantity used by Contractor was less than Original Contract quantity estimate due to increase in the lengths of 8" Restrained Joint pipe.
50	18" Pipe Coupling	Existing water main in West Main Street was found to be a 20" pipe instead of an 18" pipe.
57	8" Gate Valve with Box	Number of 8" gate valves shown on plans did not match quantity shown in Original Contract.
60	Type 1 Bedding Material	Actual field conditions were such that this material was not needed.
61	Type 2 Foundation Material	Actual field conditions were such that only a small amount of this material was needed.
62	Type 3 Foundation Material	Actual field conditions were such that this material was not needed.
63	Controlled Low Strength Backfill	Due to actual field conditions, Contractor only needed to use a small amount of this material at one location.
71	Flagging	Flagging was not needed by Contractor for this project.
78	20" Coupler	Sodding was not required as anticipated areas were seeded under the SDDOT contract.
79	AASHTO T-180 Soil Test	Due to variable soil conditions on the project, especially in the area south of Canyon Lake Drive, additional Soil Tests were required.
80	20" Coupler	Existing water main in West Main Street was found to be a 20" pipe instead of an 18" pipe.
81	Additional Traffic Control - Jackson Blvd	Existing 30" water main was found to be farther out into Jackson Boulevard than was shown on the original survey. One lane of Jackson Boulevard needed to be closed and additional traffic control which was not anticipated in the original plans was used.
82	Additional Barriers & Sloped End - Jackson Blvd	Existing 30" water main was found to be farther out into Jackson Boulevard than was shown on the original survey. One lane of Jackson Boulevard needed to be closed and additional traffic control which was not anticipated in the original plans was used.

83	Rem. & Replace Conc. Panel - Jackson Blvd	Existing 30" water main was found to be farther out into Jackson Boulevard than was shown on the original survey. One lane of Jackson Boulevard needed to be closed and concrete pavement needed to be removed and replaced.
84	Rem. & Replace Conc. C&G - Jackson Blvd	Due to the location of the new water main connection at Jackson Boulevard near the island, some of the island curb and gutter needed to be removed and replaced.
85	Incidental Work / TCM - Jackson Blvd	Existing 30" water main was found to be farther out into Jackson Boulevard than was shown on the original survey. One lane of Jackson Boulevard needed to be closed and additional traffic control which was not anticipated in the original plans was used.
86	Exploratory Excavation - Jackson Blvd	Due to the movement of the Jackson Boulevard water main connection point nearer to the existing connection, and into Jackson Boulevard, additional exploratory excavation time was needed to locate the water main.

PREPARED BY: Todd Schultz

DATE: March 27, 2008