

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1  
NORTH MAPLE AND EAST DISK DRIVE INTERSECTION RECONSTRUCTION  
PROJECT NO. ST08-1700 / CIP NO. 50702**

**OCTOBER 17, 2008**

**ORIGINAL CONTRACT AMOUNT: \$712,755.34**

**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	REESTABLISH PROPERTY CORNER	EA	1.00	\$300.00	\$300.00	0.00	\$0.00	(\$300.00)
2	MOBILIZATION	LS	1.00	\$32,100.00	\$32,100.00	1.00	\$32,100.00	\$0.00
3	INCIDENTAL WORK	LS	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
4	TRAFFIC CONTROL PLAN	LS	1.00	\$800.00	\$800.00	1.00	\$800.00	\$0.00
5	TRAFFIC CONTROL	LS	1.00	\$9,200.00	\$9,200.00	1.00	\$9,200.00	\$0.00
6	FLAGGING	HR	200.00	\$20.00	\$4,000.00	86.50	\$1,730.00	(\$2,270.00)
7	SAWING	LF	1,550.00	\$2.00	\$3,100.00	1,600.00	\$3,200.00	\$100.00
8	REMOVE ASPHALT	SY	6,324.00	\$2.30	\$14,545.20	6,412.00	\$14,747.60	\$202.40
9	REMOVE CONCRETE PAVEMENT	SY	10.00	\$20.00	\$200.00	0.00	\$0.00	(\$200.00)
10	REMOVE CONCRETE FILLETS AND PANS	SY	76.00	\$4.00	\$304.00	76.00	\$304.00	\$0.00
11	REMOVE CONCRETE APPROACH PAVEMENT	SY	23.33	\$4.00	\$93.32	23.33	\$93.32	\$0.00
12	REMOVE CURB AND GUTTER	LF	2,085.00	\$1.50	\$3,127.50	2,123.00	\$3,184.50	\$57.00
13	REMOVE SIDEWALK	SF	6,097.00	\$0.60	\$3,658.20	6,097.00	\$3,658.20	\$0.00
14	REMOVE AND RESET SIGN	EA	2.00	\$95.00	\$190.00	2.00	\$190.00	\$0.00
15	REMOVE AND SALVAGE FIRE HYDRANT, AUXILIARY VALVE AND BOX	EA	1.00	\$800.00	\$800.00	1.00	\$800.00	\$0.00
16	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	400.00	\$8.00	\$3,200.00	0.00	\$0.00	(\$3,200.00)
17	TYPE 1 BEDDING MATERIAL	TON	150.00	\$14.00	\$2,100.00	0.00	\$0.00	(\$2,100.00)
18	TYPE 2 FOUNDATION MATERIAL	TON	150.00	\$14.00	\$2,100.00	193.19	\$2,704.66	\$604.66
19	CONTROLLED LOW STRENGTH MATERIAL	CY	20.00	\$85.00	\$1,700.00	10.00	\$850.00	(\$850.00)
20	10" PVC CERTA-LOK WATER MAIN	LF	1,501.00	\$29.62	\$44,459.62	1,416.30	\$41,950.81	(\$2,508.81)
21	8" PVC CERTA-LOK WATERMAIN	LF	130.00	\$27.00	\$3,510.00	124.00	\$3,348.00	(\$162.00)
22	6" PVC WATER MAIN	LF	35.00	\$18.00	\$630.00	20.00	\$360.00	(\$270.00)
23	1 1/2" COPPER WATER SERVICE LINE	LF	14.00	\$37.00	\$518.00	13.00	\$481.00	(\$37.00)
24	1" COPPER WATER SERVICE LINE	LF	12.00	\$35.00	\$420.00	11.00	\$385.00	(\$35.00)
25	10" WATER MAIN LOWERING	EA	1.00	\$3,258.00	\$3,258.00	1.00	\$3,258.00	\$0.00
26	10" GATE VALVE AND BOX	EA	5.00	\$1,657.00	\$8,285.00	5.00	\$8,285.00	\$0.00
27	8" CERTA-LOK 45 DEGREE SWEEP	EA	4.00	\$250.00	\$1,000.00	2.00	\$500.00	(\$500.00)
28	10"X10"X10" TEE	EA	1.00	\$752.00	\$752.00	1.00	\$752.00	\$0.00

29	10"X10"X6" TEE	EA	3.00	\$658.00	\$1,974.00	3.00	\$1,974.00	\$0.00
30	10" CROSS	EA	1.00	\$1,078.00	\$1,078.00	1.00	\$1,078.00	\$0.00
31	10"X8" REDUCER	EA	2.00	\$429.00	\$858.00	2.00	\$858.00	\$0.00
32	10" PLUG	EA	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00
33	1" TAPPING SADDLE	EA	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00
34	1 1/2" TAPPING SADDLE	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
35	1 1/2" CORPORATION STOP	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
36	FIRE HYDRANT AND AUXILIARY VALVE WITH BOX	EA	4.00	\$3,300.00	\$13,200.00	4.00	\$13,200.00	\$0.00
37	CONNECT TO EXISTING WATER MAIN	EA	4.00	\$1,500.00	\$6,000.00	4.00	\$6,000.00	\$0.00
38	WATER SERVICE RECONNECTION	EA	2.00	\$200.00	\$400.00	2.00	\$400.00	\$0.00
39	CONCRETE ENCASEMENT	LF	105.00	\$15.00	\$1,575.00	123.00	\$1,845.00	\$270.00
40	CATHODIC PROTECTION	LS	1.00	\$6,400.00	\$6,400.00	1.00	\$6,400.00	\$0.00
41	CATHODIC PROTECTION TEST STATION	EA	3.00	\$400.00	\$1,200.00	3.00	\$1,200.00	\$0.00
42	REMOVE SANITARY SEWER MANHOLE	EA	2.00	\$800.00	\$1,600.00	2.00	\$1,600.00	\$0.00
43	10" PVC SANITARY SEWER (8'-10')	LF	16.00	\$30.00	\$480.00	9.50	\$285.00	(\$195.00)
44	8" PVC SANITARY SEWER (6'-8')	LF	723.00	\$18.00	\$13,014.00	718.00	\$12,924.00	(\$90.00)
45	8" PVC SANITARY SEWER (8'-10')	LF	342.00	\$22.00	\$7,524.00	333.00	\$7,326.00	(\$198.00)
46	SEWER MANHOLE (48")	EA	3.00	\$2,700.00	\$8,100.00	3.00	\$8,100.00	\$0.00
47	SEWER DROP MANHOLE (48")	EA	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
48	SEWER MANHOLE EXTRA DEPTH	VF	14.00	\$200.00	\$2,800.00	12.00	\$2,400.00	(\$400.00)
49	RECONSTRUCT SEWER MANHOLE INVERT	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
50	SEWER MAIN INSULATION	SF	240.00	\$3.50	\$840.00	120.00	\$420.00	(\$420.00)
51	TRAVEL GRAVEL	TON	50.00	\$15.00	\$750.00	0.00	\$0.00	(\$750.00)
52	COLD MIX ASPHALT	TON	25.00	\$87.00	\$2,175.00	0.00	\$0.00	(\$2,175.00)
53	AGGREGATE BASE COURSE	TON	310.00	\$14.00	\$4,340.00	493.01	\$6,902.14	\$2,562.14
54	GRAVEL CUSHION	TON	2,000.00	\$14.00	\$28,000.00	2,917.25	\$40,841.50	\$12,841.50
55	4" UNDERDRAIN	LF	1,798.00	\$6.00	\$10,788.00	1,780.00	\$10,680.00	(\$108.00)
56	4" UNDERDRAIN CLEAN-OUT	EA	7.00	\$100.00	\$700.00	7.00	\$700.00	\$0.00
57	4" PVC DRAIN PIPE	LF	99.00	\$6.00	\$594.00	99.00	\$594.00	\$0.00
58	UNCLASSIFIED EXCAVATION	CY	1,189.00	\$6.00	\$7,134.00	1,342.00	\$8,052.00	\$918.00
59	GEOFABRIC	SY	5,716.00	\$2.80	\$16,004.80	5,716.00	\$16,004.80	\$0.00
60	CURB AND GUTTER	LF	140.00	\$13.00	\$1,820.00	144.00	\$1,872.00	\$52.00
61	CURB AND GUTTER, B68.5	LF	1,577.00	\$13.00	\$20,501.00	1,670.40	\$21,715.20	\$1,214.20
62	CONCRETE FILLET, 8 1/2"	SY	310.00	\$68.80	\$21,328.00	334.89	\$23,040.43	\$1,712.43

63	PCC PAVEMENT, 8 1/2"	SY	4,825.00	\$40.50	\$195,412.50	4,811.30	\$194,857.65	(\$554.85)
64	DOWEL BAR ASSEMBLY	LF	2,948.00	\$8.50	\$25,058.00	2,889.00	\$24,556.50	(\$501.50)
65	CONCRETE SIDEWALK, 4"	SF	6,802.00	\$3.25	\$22,106.50	6,783.80	\$22,047.35	(\$59.15)
66	DETECTABLE WARNING PANEL	SF	60.00	\$44.00	\$2,640.00	96.00	\$4,224.00	\$1,584.00
67	TYPE B CURB INLET	EA	2.00	\$1,450.00	\$2,900.00	2.00	\$2,900.00	\$0.00
68	10' TYPE E CURB INLET	EA	2.00	\$4,790.00	\$9,580.00	2.00	\$9,580.00	\$0.00
69	SAW AND HOT TAR SEAL JOINTS	LF	5,657.00	\$1.10	\$6,222.70	4,900.00	\$5,390.00	(\$832.70)
70	SAW, FURNISH AND INSTALL BACKER ROD AND SILICONE SEAL JOINTS	LF	3,340.00	\$1.50	\$5,010.00	3,200.00	\$4,800.00	(\$210.00)
71	TACK COAT	GAL	75.00	\$8.00	\$600.00	5.00	\$40.00	(\$560.00)
72	ASPHALT CONCRETE, CLASS G, TYPE 1	TON	518.00	\$87.00	\$45,066.00	565.30	\$49,181.10	\$4,115.10
73	COLD PLASTIC MARKING TAPE AND GROOVING, 4"	LF	2,115.00	\$2.90	\$6,133.50	2,335.00	\$6,771.50	\$638.00
74	COLD PLASTIC MARKING TAPE AND GROOVING, 12"	LF	276.00	\$8.00	\$2,208.00	299.50	\$2,396.00	\$188.00
75	COLD PLASTIC MARKING TAPE AND GROOVING, 24"	LF	88.00	\$16.50	\$1,452.00	89.50	\$1,476.75	\$24.75
76	COLD PLASTIC TURN ARROW AND GROOVING	EA	4.00	\$185.00	\$740.00	4.00	\$740.00	\$0.00
77	PAVEMENT MARKING PAINT, 4"	LF	130.00	\$1.00	\$130.00	100.00	\$100.00	(\$30.00)
78	PAVEMENT MARKING PAINT, 24"	LF	20.00	\$2.00	\$40.00	22.00	\$44.00	\$4.00
79	STOP SIGN, R1-1	EA	3.00	\$100.00	\$300.00	3.00	\$300.00	\$0.00
80	ALL-WAY SIGN, R1-4	EA	4.00	\$50.00	\$200.00	4.00	\$200.00	\$0.00
81	SPEED LIMIT SIGN, R2-1	EA	2.00	\$100.00	\$200.00	4.00	\$400.00	\$200.00
82	SILT FENCE	LF	20.00	\$5.00	\$100.00	20.00	\$100.00	\$0.00
83	9" DIA. WADDLES	LF	60.00	\$5.00	\$300.00	60.00	\$300.00	\$0.00
84	EROSION CONTROL BLANKET	SY	170.00	\$5.00	\$850.00	170.00	\$850.00	\$0.00
85	INLET PROTECTION	EA	10.00	\$50.00	\$500.00	5.00	\$250.00	(\$250.00)
86	PERIMETER CONTROL	LF	1,000.00	\$5.00	\$5,000.00	0.00	\$0.00	(\$5,000.00)
87	EROSION AND WATER POLLUTION CONTROL	LS	1.00	\$2,500.00	\$2,500.00	1.00	\$2,500.00	\$0.00
88	STRIP, STOCKPILE AND PLACE TOPSOIL	CY	250.00	\$5.00	\$1,250.00	250.00	\$1,250.00	\$0.00
89	HAUL AND PLACE CO-COMPOST	CY	215.00	\$12.00	\$2,580.00	193.50	\$2,322.00	(\$258.00)
90	SEED, FERTILIZE AND MULCH	SY	3,930.00	\$2.00	\$7,860.00	3,997.00	\$7,994.00	\$134.00
91	SODDING	SY	2,255.00	\$7.50	\$16,912.50	2,611.00	\$19,582.50	\$2,670.00
92	LANDSCAPE FABRIC	SY	80.00	\$5.00	\$400.00	0.00	\$0.00	(\$400.00)
93	LANDSCAPE ROCK, 1"-2" CLEAN RIVER ROCK	TON	15.00	\$50.00	\$750.00	21.56	\$1,078.00	\$328.00
94	AASHTO T180 SOIL TEST	EA	7.00	\$125.00	\$875.00	3.00	\$375.00	(\$500.00)
95	CONCRETE TEST SET	EA	9.00	\$300.00	\$2,700.00	9.00	\$2,700.00	\$0.00
96	CONSTRUCTION STAKING	LS	1.00	\$14,500.00	\$14,500.00	1.00	\$14,500.00	\$0.00
<b>TOTAL</b>					<b>\$712,755.34</b>		<b>\$717,250.51</b>	<b>\$4,495.17</b>

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$712,755.34
	CCO #1	\$4,495.17	NET INCREASE/(DECREASE):	\$4,495.17
		\$0.00	ADJUSTED CONTRACT PRICE:	\$717,250.51
		\$0.00	CHANGE TO DATE:	\$4,495.17

CONTRACTOR: HEAVY CONSTRUCTORS, INC.; PO Box 3239; Rapid City, SD 57709-32393	DATE
PROJECT MANAGER: KLARE SCHROEDER	DATE
CITY ENGINEER: DALE TECH	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 #1 to Heavy Constructors, Inc. for an increase of \$4,495.17 based on unit pricing with the following appropriation:

Initial Funding	\$257,696.01	\$104,174.07	\$87,123.94	\$176,246.43	\$87,514.89	\$712,755.34
Fund Type	Streets	Streets	Water	Water	Sanitary Sewer	
Department	8910	0301	0933	0934	0833	
Line Item	4370	4370	4381	4381	4380	
Fund	0505	0101	0602	0602	0604	
CCO #1	\$7,909.54	\$3,750.47	(\$593.42)	(\$668.90)	(\$5,902.52)	\$4,495.17
						\$0.00
						\$0.00
Adjusted Funding	\$265,605.55	\$107,924.54	\$86,530.52	\$175,577.53	\$81,612.37	\$717,250.51

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**NORTH MAPLE AND EAST DISK DRIVE INTERSECTION RECONSTRUCTION**  
**PROJECT NO. ST08-1700 / CIP NO. 50702**  
**OCTOBER 17, 2008**  
**ORIGINAL CONTRACT AMOUNT: \$712,755.34**  
**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	REESTABLISH PROPERTY CORNER	Replacement of Property Corner not required.
6	FLAGGING	Actual quantity used to construct the project in accordance with plans and specifications.
7	SAWING	Actual quantity used to construct the project in accordance with plans and specifications.
8	REMOVE ASPHALT	Actual quantity used to construct the project in accordance with plans and specifications.
9	REMOVE CONCRETE PAVEMENT	Removal not required.
12	REMOVE CURB AND GUTTER	Unstable subgrade required the use of this material.
16	IMPORTED BACKFILL MATERIAL (TRENCH)	No imported backfill required
17	TYPE 1 BEDDING MATERIAL	No type 1 bedding required
18	TYPE 2 FOUNDATION MATERIAL	Actual quantity used to construct the project in accordance with plans and specifications.
19	CONTROLLED LOW STRENGTH MATERIAL	Actual quantity used to construct the project in accordance with plans and specifications.
20	10" PVC CERTA-LOK WATER MAIN	Actual quantity used to construct the project in accordance with plans and specifications.
21	8" PVC CERTA-LOK WATERMAIN	Actual quantity used to construct the project in accordance with plans and specifications.
22	6" PVC WATER MAIN	Actual quantity used to construct the project in accordance with plans and specifications.
23	1 1/2" COPPER WATER SERVICE LINE	Actual quantity used to construct the project in accordance with plans and specifications.
24	1" COPPER WATER SERVICE LINE	Actual quantity used to construct the project in accordance with plans and specifications.
27	8" CERTA-LOK 45 DEGREE SWEEP	Actual quantity used to construct the project in accordance with plans and specifications.
39	CONCRETE ENCASEMENT	Actual quantity used to construct the project in accordance with plans and specifications.
43	10" PVC SANITARY SEWER (8'-10')	Actual quantity used to construct the project in accordance with plans and specifications.
44	8" PVC SANITARY SEWER (6'-8')	Actual quantity used to construct the project in accordance with plans and specifications.
45	8" PVC SANITARY SEWER (8'-10')	Actual quantity used to construct the project in accordance with plans and specifications.
48	SEWER MANHOLE EXTRA DEPTH	Actual quantity used to construct the project in accordance with plans and specifications.
50	SEWER MAIN INSULATION	Actual quantity used to construct the project in accordance with plans and specifications.
51	TRAVEL GRAVEL	No travel gravel required.
52	COLD MIX ASPHALT	No cold mix AC required.
53	AGGREGATE BASE COURSE	Unstable subgrade required the use of this material.
54	GRAVEL CUSHION	Unstable subgrade required the use of this material.
55	4" UNDERDRAIN	Actual quantity used to construct the project in accordance with plans and specifications.
58	UNCLASSIFIED EXCAVATION	Unstable subgrade required the use of this material.
60	CURB AND GUTTER	Actual quantity used to construct the project in accordance with plans and specifications.
61	CURB AND GUTTER, B68.5	Unstable subgrade required the use of this material.
62	CONCRETE FILLET, 8 1/2"	Actual quantity used to construct the project in accordance with plans and specifications.
63	PCC PAVEMENT, 8 1/2"	Actual quantity used to construct the project in accordance with plans and specifications.
64	DOWEL BAR ASSEMBLY	Actual quantity used to construct the project in accordance with plans and specifications.

65	CONCRETE SIDEWALK, 4"	Actual quantity used to construct the project in accordance with plans and specifications.
66	DETECTABLE WARNING PANEL	Additional panels required to cross peds at driveways (plan error).
69	SAW AND HOT TAR SEAL JOINTS	Actual quantity used to construct the project in accordance with plans and specifications.
70	SAW, FURNISH AND INSTALL BACKER ROD AND SILICONE SEAL JOINTS	Actual quantity used to construct the project in accordance with plans and specifications.
71	TACK COAT	Actual quantity used to construct the project in accordance with plans and specifications.
72	ASPHALT CONCRETE, CLASS G, TYPE 1	Unstable subgrade required the use of this material.
73	COLD PLASTIC MARKING TAPE AND GROOVING, 4"	Actual quantity used to construct the project in accordance with plans and specifications.
74	COLD PLASTIC MARKING TAPE AND GROOVING, 12"	Actual quantity used to construct the project in accordance with plans and specifications.
75	COLD PLASTIC MARKING TAPE AND GROOVING, 24"	Actual quantity used to construct the project in accordance with plans and specifications.
77	PAVEMENT MARKING PAINT, 4"	Actual quantity used to construct the project in accordance with plans and specifications.
78	PAVEMENT MARKING PAINT, 24"	Actual quantity used to construct the project in accordance with plans and specifications.
81	SPEED LIMIT SIGN, R2-1	Actual quantity used to construct the project in accordance with plans and specifications.
85	INLET PROTECTION	Actual quantity used to construct the project in accordance with plans and specifications.
86	PERIMETER CONTROL	No perimeter control used.
89	HAUL AND PLACE CO-COMPOST	Actual quantity used to construct the project in accordance with plans and specifications.
90	SEED, FERTILIZE AND MULCH	Actual quantity used to construct the project in accordance with plans and specifications.
91	SODDING	Actual quantity used to construct the project in accordance with plans and specifications.
92	LANDSCAPE FABRIC	No fabric necessary.
93	LANDSCAPE ROCK, 1"-2" CLEAN RIVER ROCK	Actual quantity used to construct the project in accordance with plans and specifications.

PREPARED BY: Klare Schroeder

DATE: October 20, 2008