

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1

PW072605-09

EAST MALL DRIVE

PROJECT NO. ST03-1334

JULY 14, 2005

ORIGINAL CONTRACT AMOUNT: \$1,578,912.27

CONTRACTOR: HEAVY CONSTRUCTORS

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$40,000.00	\$40,000.00	1.00	\$40,000.00	\$0.00
2	Construction Staking	LS	1.00	\$29,375.00	\$29,375.00	1.00	\$29,375.00	\$0.00
3	Clearing	LS	1.00	\$1,400.00	\$1,400.00	1.00	\$1,400.00	\$0.00
4	Remove Asphalt Concrete Pavement	SqYd	130.00	\$3.90	\$507.00	130.00	\$507.00	\$0.00
5	Remove Silt Fence	Ft	2,030.00	\$0.02	\$40.60	2,030.00	\$40.60	\$0.00
6	Remove Fence for Reset	Ft	445.00	\$0.38	\$169.10	445.00	\$169.10	\$0.00
7	Unclassified Excavation	CuYd	59,369.00	\$1.94	\$115,175.86	59,369.00	\$115,175.86	\$0.00
8	Unclassified Excavation, Digouts	CuYd	275.00	\$5.00	\$1,375.00	275.00	\$1,375.00	\$0.00
9	Muck Excavation	CuYd	1,500.00	\$5.50	\$8,250.00	750.00	\$4,125.00	(\$4,125.00)
10	Undercutting	CuYd	1,605.00	\$1.78	\$2,856.90	1,605.00	\$2,856.90	\$0.00
11	Water for Dust Control	MGal	150.00	\$15.60	\$2,340.00	150.00	\$2,340.00	\$0.00
12	Water for Embankment	MGal	370.00	\$11.50	\$4,255.00	572.20	\$6,580.30	\$2,325.30
13	Water for Vegetation	MGal	500.00	\$16.00	\$8,000.00	500.00	\$8,000.00	\$0.00
14	Placing Topsoil	CuYd	11,753.00	\$2.00	\$23,506.00	11,753.00	\$23,506.00	\$0.00
15	Incidental Work	LS	1.00	\$11,230.00	\$11,230.00	1.00	\$11,230.00	\$0.00
16	Cold Milling Asphalt Concrete	SqYd	320.00	\$9.90	\$3,168.00	320.00	\$3,168.00	\$0.00
17	Excavate Common Utility Trench	Ft	2,273.00	\$4.45	\$10,114.85	2,273.00	\$10,114.85	\$0.00
18	Controlled Density Fill	CuYd	25.00	\$62.85	\$1,571.25	28.00	\$1,759.80	\$188.55
19	Type 2 Right-of-Way Fence	Ft	4,542.00	\$1.02	\$4,632.84	4,542.00	\$4,632.84	\$0.00
20	Type 2 Temporary Fence	Ft	4,200.00	\$0.75	\$3,150.00	4,200.00	\$3,150.00	\$0.00
21	2 Post Panel	Each	36.00	\$75.00	\$2,700.00	36.00	\$2,700.00	\$0.00
22	3 Post Panel	Each	28.00	\$96.45	\$2,700.60	28.00	\$2,700.60	\$0.00
23	Reset Fence	Ft	445.00	\$0.70	\$311.50	445.00	\$311.50	\$0.00
24	2.0" x 2.0" Perforated Tube Post	Ft	257.00	\$21.00	\$5,397.00	257.00	\$5,397.00	\$0.00
25	Flat Aluminum Sign, Nonremovable Copy High Intensity	SqFt	117.00	\$16.85	\$1,971.45	117.00	\$1,971.45	\$0.00
26	Cold Applied Plastic Pvmnt Marking, 4"	Ft	5,364.00	\$2.75	\$14,751.00	5,364.00	\$14,751.00	\$0.00
27	Cold Applied Plastic Pvmnt Marking, 8"	Ft	352.00	\$5.35	\$1,883.20	352.00	\$1,883.20	\$0.00
28	Cold Applied Plastic Pvmnt Marking, 12"	Ft	169.00	\$8.60	\$1,453.40	169.00	\$1,453.40	\$0.00
29	Cold Applied Plastic Pvmnt Marking, 24"	Ft	40.00	\$13.95	\$558.00	40.00	\$558.00	\$0.00
30	Cold Applied Plastic Pvmnt Marking, Arrow	Ft	23.00	\$240.00	\$5,520.00	23.00	\$5,520.00	\$0.00
31	Pavement Marking Paint, Area	SqFt	190.00	\$2.15	\$408.50	190.00	\$408.50	\$0.00
32	Flagging	Hour	100.00	\$18.31	\$1,831.00	100.00	\$1,831.00	\$0.00
33	Traffic Control, Miscellaneous	LS	1.00	\$14,460.00	\$14,460.00	1.00	\$14,460.00	\$0.00
34	6" Underdrain Pipe	Ft	1,735.00	\$6.00	\$10,410.00	1,735.00	\$10,410.00	\$0.00

35	Crushed Rock	Ton	20.00	\$15.22	\$304.40	20.00	\$304.40	\$0.00
36	Class B Riprap	CuYd	778.00	\$48.20	\$37,499.60	778.00	\$37,499.60	\$0.00
37	Permanent Seeding	Lb	1,192.00	\$3.20	\$3,814.40	1,192.00	\$3,814.40	\$0.00
38	Fertilizing	Ton	1.20	\$750.00	\$900.00	1.20	\$900.00	\$0.00
39	Mulching	Ton	24.00	\$135.00	\$3,240.00	24.00	\$3,240.00	\$0.00
40	Erosion Control	LS	1.00	\$2,675.00	\$2,675.00	1.00	\$2,675.00	\$0.00
41	Erosion Bale	Each	60.00	\$21.45	\$1,287.00	60.00	\$1,287.00	\$0.00
42	High Flow Silt Fence	Ft	4,064.00	\$4.30	\$17,475.20	4,064.00	\$17,475.20	\$0.00
43	Water Pollution Control	LS	1.00	\$2,675.00	\$2,675.00	1.00	\$2,675.00	\$0.00
44	Type B Drainage Fabric	SqYd	2,142.00	\$2.10	\$4,498.20	2,142.00	\$4,498.20	\$0.00
45	AASHTO T-180 Soil Test	Each	10.00	\$175.00	\$1,750.00	10.00	\$1,750.00	\$0.00
46	Remove Valve Box	Each	1.00	\$100.00	\$100.00	1.00	\$100.00	\$0.00
47	Remove Water Main	Ft	23.00	\$22.25	\$511.75	23.00	\$511.75	\$0.00
48	24" Steel Encasement Pipe	Ft	240.00	\$145.00	\$34,800.00	240.00	\$34,800.00	\$0.00
49	36" Steel Encasement Pipe	Ft	160.00	\$210.00	\$33,600.00	160.00	\$33,600.00	\$0.00
50	Pipe Encasement	Each	6.00	\$750.00	\$4,500.00	6.00	\$4,500.00	\$0.00
51	6" PVC Water Main	Ft	643.00	\$26.75	\$17,200.25	643.00	\$17,200.25	\$0.00
52	14" PVC Water Main	Ft	2,335.00	\$38.90	\$90,831.50	2,335.00	\$90,831.50	\$0.00
53	Pipe Tee	Each	4.00	\$1,180.00	\$4,720.00	4.00	\$4,720.00	\$0.00
54	Pipe Cross	Each	4.00	\$1,725.00	\$6,900.00	4.00	\$6,900.00	\$0.00
55	14" Pipe Bend	Each	10.00	\$985.00	\$9,850.00	10.00	\$9,850.00	\$0.00
56	6" Pipe Plug	Each	1.00	\$295.00	\$295.00	1.00	\$295.00	\$0.00
57	14" Pipe Plug	Each	1.00	\$645.00	\$645.00	1.00	\$645.00	\$0.00
58	14" Gate Valve with Box	Each	7.00	\$8,200.00	\$57,400.00	7.00	\$57,400.00	\$0.00
59	Pipe Insulation	SqFt	162.00	\$3.50	\$567.00	162.00	\$567.00	\$0.00
60	Standard Fire Hydrant	Each	11.00	\$3,625.00	\$39,875.00	11.00	\$39,875.00	\$0.00
61	Type 1 Granular Backfill	Ton	150.00	\$19.00	\$2,850.00	150.00	\$2,850.00	\$0.00
62	Type 2 Foundation Material	Ton	150.00	\$19.17	\$2,875.50	150.00	\$2,875.50	\$0.00
63	Muck Excavation, Trench	CuYd	150.00	\$22.25	\$3,337.50	150.00	\$3,337.50	\$0.00
64	Test Station	Each	4.00	\$500.00	\$2,000.00	4.00	\$2,000.00	\$0.00
65	15" PVC Sewer Pipe	Ft	2,389.00	\$18.60	\$44,435.40	2,389.00	\$44,435.40	\$0.00
66	15" Pipe Cap	Each	3.00	\$200.00	\$600.00	3.00	\$600.00	\$0.00
67	Trench 12' to 14' Deep	Ft	787.00	\$14.50	\$11,411.50	787.00	\$11,411.50	\$0.00
68	Trench 14' to 16' Deep	Ft	1,602.00	\$16.70	\$26,753.40	1,602.00	\$26,753.40	\$0.00
69	48" Manhole	Each	6.00	\$2,000.00	\$12,000.00	6.00	\$12,000.00	\$0.00
70	72" Manhole	Each	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
71	Extra Depth for 48" Manhole	Ft	52.90	\$175.00	\$9,257.50	52.90	\$9,257.50	\$0.00
72	Extra Depth for 72" Manhole	Ft	7.20	\$360.00	\$2,592.00	7.20	\$2,592.00	\$0.00
73	18" RCP Class 3, Furnish	Ft	676.00	\$16.25	\$10,985.00	676.00	\$10,985.00	\$0.00
74	18" RCP, Install	Ft	676.00	\$12.25	\$8,281.00	676.00	\$8,281.00	\$0.00
75	24" RCP Class 3, Furnish	Ft	490.00	\$21.75	\$10,657.50	490.00	\$10,657.50	\$0.00

76	24" RCP, Install	Ft	490.00	\$13.35	\$6,541.50	490.00	\$6,541.50	\$0.00
77	30" RCP Class 2, Furnish	Ft	76.00	\$32.55	\$2,473.80	76.00	\$2,473.80	\$0.00
78	30" RCP, Install	Ft	76.00	\$13.35	\$1,014.60	76.00	\$1,014.60	\$0.00
79	36" RCP Class 2, Furnish	Ft	322.00	\$44.75	\$14,409.50	322.00	\$14,409.50	\$0.00
80	36" RCP, Install	Ft	322.00	\$13.35	\$4,298.70	322.00	\$4,298.70	\$0.00
81	60" RCP Class 2, Furnish	Ft	130.00	\$120.00	\$15,600.00	130.00	\$15,600.00	\$0.00
82	60" RCP, Install	Ft	130.00	\$20.00	\$2,600.00	130.00	\$2,600.00	\$0.00
83	RCP Tee, Furnish	Each	1.00	\$1,235.00	\$1,235.00	1.00	\$1,235.00	\$0.00
84	RCP Tee, Install	Each	1.00	\$280.00	\$280.00	1.00	\$280.00	\$0.00
85	30" RCP Flared End, Furnish	Each	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00
86	30" RCP Flared End, Install	Each	2.00	\$200.00	\$400.00	2.00	\$400.00	\$0.00
87	60" RCP Flared End, Furnish	Each	2.00	\$1,175.00	\$2,350.00	2.00	\$2,350.00	\$0.00
88	60" RCP Flared End, Install	Each	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00
89	48" RCP Arch Class 2, Furnish	Ft	256.00	\$105.00	\$26,880.00	256.00	\$26,880.00	\$0.00
90	48" RCP Arch, Install	Ft	256.00	\$22.25	\$5,696.00	256.00	\$5,696.00	\$0.00
91	48" Arch Flared End, Furnish	Each	4.00	\$1,000.00	\$4,000.00	4.00	\$4,000.00	\$0.00
92	48" Arch Flared End, Install	Each	4.00	\$390.00	\$1,560.00	4.00	\$1,560.00	\$0.00
93	2' x 3' Type B Drop Inlet	Each	6.00	\$1,565.00	\$9,390.00	6.00	\$9,390.00	\$0.00
94	3' x 4' Type B Drop Inlet	Each	4.00	\$1,645.00	\$6,580.00	4.00	\$6,580.00	\$0.00
95	4' x 4' Type B Drop Inlet	Each	1.00	\$1,725.00	\$1,725.00	1.00	\$1,725.00	\$0.00
96	4.5' x 10' Type S Drop Inlet	Each	1.00	\$4,430.00	\$4,430.00	1.00	\$4,430.00	\$0.00
97	Base Course	Ton	1,173.00	\$11.00	\$12,903.00	1,173.00	\$12,903.00	\$0.00
98	Gravel Cushion	Ton	2,821.00	\$11.00	\$31,031.00	2,821.00	\$31,031.00	\$0.00
99	Asphalt Concrete Composite	Ton	410.00	\$50.00	\$20,500.00	410.00	\$20,500.00	\$0.00
100	10" Nonreinforced PCC Pavement	SqYd	7,575.00	\$24.00	\$181,800.00	7,575.00	\$181,800.00	\$0.00
101	Dowel Bar	Each	3,500.00	\$6.00	\$21,000.00	3,500.00	\$21,000.00	\$0.00
102	Insert Steel Bar in PCC Pavement	Each	20.00	\$11.40	\$228.00	20.00	\$228.00	\$0.00
103	Type B66 Concrete Curb and Gutter	Ft	460.00	\$9.25	\$4,255.00	460.00	\$4,255.00	\$0.00
104	Type B610 Concrete Curb and Gutter	Ft	3,771.50	\$12.70	\$47,898.05	3,771.50	\$47,898.05	\$0.00
105	4" Concrete Sidewalk	SqFt	20,851.00	\$2.70	\$56,297.70	20,851.00	\$56,297.70	\$0.00
106	Breakaway Base Luminaire Pole with Arm, 50' Mounting Height	Each	11.00	\$2,015.00	\$22,165.00	11.00	\$22,165.00	\$0.00
107	Signal Pole with 65' Mast Arm and Luminaire Arm	Each	4.00	\$8,200.00	\$32,800.00	4.00	\$32,800.00	\$0.00
108	Galvanized Steel Utility Pole	Each	2.00	\$265.00	\$530.00	2.00	\$530.00	\$0.00
109	Roadway Luminaire, 400 Watt with Photoelectric Cell	Each	15.00	\$280.00	\$4,200.00	15.00	\$4,200.00	\$0.00
110	2' Diameter Footing	Ft	110.00	\$53.60	\$5,896.00	110.00	\$5,896.00	\$0.00
111	3' Diameter Footing	Ft	64.00	\$98.60	\$6,310.40	64.00	\$6,310.40	\$0.00
112	18" Diameter Junction Box	Each	27.00	\$430.00	\$11,610.00	27.00	\$11,610.00	\$0.00
113	24" Diameter Junction Box	Each	9.00	\$535.00	\$4,815.00	9.00	\$4,815.00	\$0.00
114	Electrical Service Cabinet	Each	2.00	\$1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00
115	Meter Socket	Each	2.00	\$160.00	\$320.00	2.00	\$320.00	\$0.00
116	Preformed Detector Loop (Factory)	Each	22.00	\$185.00	\$4,070.00	22.00	\$4,070.00	\$0.00

117	Furnish Roadway Luminaire, 400W with Photoelectric Cell	Each	2.00	\$270.00	\$540.00	2.00	\$540.00	\$0.00
118	Furnish Controller Cabinet	Each	2.00	\$9,875.00	\$19,750.00	2.00	\$19,750.00	\$0.00
119	Furnish Traffic Signal Controller	Each	2.00	\$2,892.00	\$5,784.00	2.00	\$5,784.00	\$0.00
120	Furnish Pedestrian Push Button	Each	8.00	\$130.00	\$1,040.00	8.00	\$1,040.00	\$0.00
121	Furnish Signal Pole with Mast Arm and Luminaire Arm	Each	4.00	\$7,285.00	\$29,140.00	4.00	\$29,140.00	\$0.00
122	Furnish 3 Section Vehicle Signal Head	Each	23.00	\$630.00	\$14,490.00	23.00	\$14,490.00	\$0.00
123	Furnish 5 Section Vehicle Signal Head	Each	16.00	\$1,070.00	\$17,120.00	16.00	\$17,120.00	\$0.00
124	Furnish Pedestrian Signal Head	Each	16.00	\$460.00	\$7,360.00	16.00	\$7,360.00	\$0.00
125	2" Rigid Conduit, Schedule 40	Ft	5,176.00	\$2.40	\$12,422.40	5,176.00	\$12,422.40	\$0.00
126	2" Rigid Conduit, Scheule 80	Ft	1,501.00	\$4.12	\$6,184.12	1,501.00	\$6,184.12	\$0.00
127	3" Rigid Conduit, Schedule 80	Ft	90.00	\$5.36	\$482.40	90.00	\$482.40	\$0.00
128	4" Rigid Conduit, Schedule 80	Ft	560.00	\$6.75	\$3,780.00	560.00	\$3,780.00	\$0.00
129	1/C #3 AWG Copper Wire	Ft	1,195.00	\$0.86	\$1,027.70	1,195.00	\$1,027.70	\$0.00
130	1/C #6 AWG Copper Wire	Ft	9,946.00	\$0.48	\$4,774.08	9,946.00	\$4,774.08	\$0.00
131	1/C #10 AWG Copper Wire	Ft	7,159.00	\$0.21	\$1,503.39	7,159.00	\$1,503.39	\$0.00
132	2/C #10 AWG Copper Pole and Bracket Cable	Ft	904.00	\$1.07	\$967.28	904.00	\$967.28	\$0.00
133	Furnish Miscellaneous Electrical Items	LS	1.00	\$1,070.00	\$1,070.00	1.00	\$1,070.00	\$0.00
134	Bank and Channel Protection Gabion	CuYd	6.00	\$160.00	\$960.00	6.00	\$960.00	\$0.00
	CHANGE ORDER #1							
135	Type III Foundation Materials (Grading)	Ton	0.00	\$25.80	\$0.00	153.30	\$3,955.14	\$3,955.14
TOTAL					\$1,578,912.27		\$1,581,256.26	\$2,343.99

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$1,578,912.27
	CCO #1	\$2,343.99	NET INCREASE/(DECREASE):	\$2,343.99
	CCO #2		ADJUSTED CONTRACT PRICE:	\$1,581,256.26
		\$2,343.99	CHANGE TO DATE:	\$2,343.99

CONTRACTOR: Heavy Constructors, Inc., PO Box 3239, Rapid City, SD 57709-3239	DATE
PROJECT MANAGER:	DATE
MAYOR: JIM SHAW	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 \$2,343.99 based on unit pricing with the following appropriation:

Amount	\$2,343.99	\$0.00	\$0.00
Fund Type	Streets	Water	Sanitary Sewer
Fund	0505	0934	0834
Department	8913	4381	4380
Line Item	4370	0602	0604

EAST MALL DRIVE
PROJECT NO. ST03-1334
JULY 14, 2005

PW072605-09

ORIGINAL CONTRACT AMOUNT: \$1,578,912.27
CONTRACTOR: HEAVY CONSTRUCTORS

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
9	Muck Excavation	Depth of muck to be removed was less than estimated
12	Water for Embankment	Optimum moisture content requirement for compaction higher than estimated
18	Controlled Density Fill	Installation method improved by using additional quantity of 3 CY
62	Type 2 Foundation Material	Existing material was unsuitable for the steel sleeves under future Eglin / North Street intersection
135	Type III Foundation Materials (Grading)	Existing material was unsuitable for the steel sleeves under future Eglin / North Street intersection

PREPARED BY: Klare Schroeder

DATE: July 15 2005