

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2

PW092705-08

EAST MALL DRIVE

PROJECT NO. ST03-1334

SEPTEMBER 15, 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	750.00	\$5.50	\$4,125.00	750.00	\$4,125.00	\$0.00
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	198.40	\$3,095.04	\$755.04
12	Water for Embankment	MGal	572.20	\$11.50	\$6,580.30	792.30	\$9,111.45	\$2,531.15
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	2,043.00	\$9,091.35	(\$1,023.50)
18	Controlled Density Fill	CuYd	28.00	\$62.85	\$1,759.80	28.00	\$1,759.80	\$0.00
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	150.00	\$112.50	(\$3,037.50)
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 Alluminum Sign, Nonremovable Copy High Intensity	SqFt	117.00	\$16.85	\$1,971.45	117.00	\$1,971.45	\$0.00
26	Cold Applied Plastic Pvmt Marking, 4"	Ft	5,364.00	\$2.75	\$14,751.00	5,364.00	\$14,751.00	\$0.00
27	Cold Applied Plastic Pvmt Marking, 8"	Ft	352.00	\$5.35	\$1,883.20	352.00	\$1,883.20	\$0.00
28	Cold Applied Plastic Pvmt Marking, 12"	Ft	169.00	\$8.60	\$1,453.40	169.00	\$1,453.40	\$0.00
29	Cold Applied Plastic Pvmt Marking, 24"	Ft	40.00	\$13.95	\$558.00	40.00	\$558.00	\$0.00
30	Cold Applied Plastic Pvmt 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	14.00	\$13,790.00	\$3,940.00
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	232.00	\$24,360.00	(\$2,520.00)
90	48" RCP Arch, Install	Ft	256.00	\$22.25	\$5,696.00	232.00	\$5,162.00	(\$534.00)
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	153.30	\$25.80	\$3,955.14	153.30	\$3,955.14	\$0.00
TOTAL					\$1,581,256.26		\$1,581,367.45	\$111.19

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$1,581,256.26
	CCO #1	\$2,343.99	NET INCREASE/(DECREASE):	\$111.19
	CCO #2	\$111.19	ADJUSTED CONTRACT PRICE:	\$1,581,367.45
			CHANGE TO DATE:	\$2,455.18

_____ CONTRACTOR: Heavy Constructors, Inc., PO Box 3239, Rapid City, SD 57709-3239	_____ DATE
_____ PROJECT MANAGER: Klare Schroeder	_____ 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 #2 to Heavy Constructors, Inc. for \$111.19 based on unit pricing with the following appropriation:

Amount	(\$3,828.81)	\$3,940.00	\$0.00
Fund Type	Streets	Water	Sanitary Sewer
Fund	0505	0934	0834
Department	8913	4381	4380
Line Item	4370	0602	0604

PW092705-08

DATE: September 15, 2005