

## CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #3

PW121305-05

## EAST MALL DRIVE

PROJECT NO. ST03-1334

NOVEMBER 21, 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	254.00	\$990.60	\$483.60
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	645.00	\$245.10	\$76.00
7	Unclassified Excavation	CuYd	59,369.00	\$1.94	\$115,175.86	59,799.00	\$116,010.06	\$834.20
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	1,646.50	\$2,930.77	\$73.87
11	Water for Dust Control	MGal	198.40	\$15.60	\$3,095.04	198.40	\$3,095.04	\$0.00
12	Water for Embankment	MGal	792.30	\$11.50	\$9,111.45	799.30	\$9,191.95	\$80.50
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	391.50	\$3,875.85	\$707.85
17	Excavate Common Utility Trench	Ft	2,043.00	\$4.45	\$9,091.35	2,043.00	\$9,091.35	\$0.00
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	150.00	\$0.75	\$112.50	150.00	\$112.50	\$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	645.00	\$451.50	\$140.00
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

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	PW121305-05 ADJUSTED PRICE	NET CHANGE
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	14.00	\$985.00	\$13,790.00	14.00	\$13,790.00	\$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

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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	232.00	\$105.00	\$24,360.00	232.00	\$24,360.00	\$0.00
90	48" RCP Arch, Install	Ft	232.00	\$22.25	\$5,162.00	232.00	\$5,162.00	\$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	892.20	\$9,814.20	(\$3,088.80)
98	Gravel Cushion	Ton	2,821.00	\$11.00	\$31,031.00	2,992.90	\$32,921.90	\$1,890.90
99	Asphalt Concrete Composite	Ton	410.00	\$50.00	\$20,500.00	230.60	\$11,530.00	(\$8,970.00)
100	10" Nonreinforced PCC Pavement	SqYd	7,575.00	\$24.00	\$181,800.00	8,184.90	\$196,437.60	\$14,637.60
101	Dowel Bar	Each	3,500.00	\$6.00	\$21,000.00	3,799.00	\$22,794.00	\$1,794.00
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	484.00	\$4,477.00	\$222.00
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	21,072.10	\$56,894.67	\$596.97
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	28.00	\$5,180.00	\$1,110.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	PW121305-05	
							ADJUSTED PRICE	NET CHANGE
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
	<b>CHANGE ORDER #1</b>							
135	Type III Foundation Materials (Grading)	Ton	153.30	\$25.80	\$3,955.14	153.30	\$3,955.14	\$0.00
	<b>CHANGE ORDER #3</b>							
136	Incidental Work (Dyess Intersection)	LS	0.00	\$7,731.00	\$0.00	1	\$7,731.00	\$7,731.00
<b>TOTAL</b>								
					<b>\$1,581,367.45</b>		<b>\$1,599,687.14</b>	<b>\$18,319.69</b>

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C.C.O. HISTORY INCREASE/(DECREASE)							PRIOR ADJUSTED CONTRACT PRICE :	\$1,581,367.45
	CCO #1			\$2,343.99			NET INCREASE/(DECREASE):	\$18,319.69
	CCO #2			\$111.19			ADJUSTED CONTRACT PRICE:	\$1,599,687.14
	CCO #3			\$18,319.69			CHANGE TO DATE:	\$20,774.87

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 #3 to Heavy Constructors, Inc. for \$18,319.69 based on unit pricing with the following appropriation:

Initial Funding	\$1,154,003.97	\$290,927.00	\$133,981.30	\$0.00	\$1,578,912.27
Fund Type	Streets	Water	Sanitary Sewer		
Fund	0505	0602	0604		
Department	8913	0934	0834		
Line Item	4370	4381	4380		
CCO #1	\$2,343.99	\$0.00	\$0.00		\$2,343.99
CCO #2	(\$3,828.81)	\$3,940.00	\$0.00		\$111.19
CCO #3	\$18,319.69	\$0.00	\$0.00		\$18,319.69
Adjusted Funding	\$1,170,838.84	\$294,867.00	\$133,981.30	\$0.00	\$1,599,687.14

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	PW121305-05 ADJUSTED PRICE	NET CHANGE
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**EAST MALL DRIVE**  
**PROJECT NO. ST03-1334**  
**NOVEMBER 21, 2005**  
**ORIGINAL CONTRACT AMOUNT: \$1,578,912.27**  
**CONTRACTOR: HEAVY CONSTRUCTORS**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
	All Items on this Change Order	It is necessary to extend pcc pavement throught Dyess intersection in order to have continuous concrete with adjacent project being let as a TID project which is limited to work on the east side of Dyess

PREPARED BY: Klare Schroeder

DATE: November 21, 2005