

PW041101-02

**CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER**

PROJECT NAME: CATHEDRAL DRIVE WIDENING PROJECT

PROJECT NO: ST00-928

CONTRACTOR: HEAVY CONSTRUCTORS, INC.

ORIGINAL CONTRACT AMOUNT: \$827,948.80

CHANGE ORDER NO.: 1

DATE: 12/18/00

LINE ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
1	MOBILIZATION	LS	1.00	\$31,000.00	\$31,000.00	1.00	\$31,000.00	\$0.00
2	CLEARING & GRUBBING, 6" +TREE	EA	2	\$55.00	\$110.00	2.00	\$110.00	\$0.00
3	MANHOLE ALTERATIONS	EA	2	\$1,275.00	\$2,550.00	2.00	\$2,550.00	\$0.00
4	1" COPPER SERVICE LINE	FT	22	\$14.95	\$328.90	36.00	\$538.20	\$209.30
5	6" PVC WATER MAIN	FT	76	\$17.50	\$1,330.00	144.50	\$2,528.75	\$1,198.75
6	16" PVC WATER MAIN	FT	1062	\$33.50	\$35,577.00	1,079.00	\$36,146.50	\$569.50
7	1" CURB STOP & BOX	EA	1	\$250.00	\$250.00	1.00	\$250.00	\$0.00
8	16" X 8" REDUCER	EA	1	\$590.00	\$590.00	1.00	\$590.00	\$0.00
9	8" STANDARD COUPLING	EA	3	\$250.00	\$750.00	0.00	\$0.00	(\$750.00)
10	16" TRANSITION COUPLING	EA	1	\$800.00	\$800.00	0.00	\$0.00	(\$800.00)
11	16" COUPLING	EA	1	\$725.00	\$725.00	1.00	\$725.00	\$0.00
12	16"X16"X6" TEE	EA	2	\$1,225.00	\$2,450.00	3.00	\$3,675.00	\$1,225.00
13	16"X16"X16" TEE	EA	1	\$1,465.00	\$1,465.00	1.00	\$1,465.00	\$0.00
14	16"X16"X6" TAPPING SLEEVE, VALVE & BOX	EA	1	\$1,950.00	\$1,950.00	2.00	\$3,900.00	\$1,950.00
15	16"X16"X8" TAPPING SLEEVE, VALVE & BOX	EA	2	\$2,250.00	\$4,500.00	1.00	\$2,250.00	(\$2,250.00)
16	16" 11.25 DEGREE BEND	EA	2	\$875.00	\$1,750.00	1.00	\$875.00	(\$875.00)
17	16" 45 DEGREE BEND	EA	4	\$850.00	\$3,400.00	4.00	\$3,400.00	\$0.00
18	6" GATE VALVE W/ BOX	EA	1	\$550.00	\$550.00	1.00	\$550.00	\$0.00
19	16" BUTTERFLY VALVE W/ BOX	EA	5	\$3,000.00	\$15,000.00	5.00	\$15,000.00	\$0.00
20	FIRE HYDRANT W/AUX. VALVE & LEAD	EA	1	\$2,125.00	\$2,125.00	2.00	\$4,250.00	\$2,125.00
21	ABANDON VALVE	EA	6	\$220.00	\$1,320.00	6.00	\$1,320.00	\$0.00
22	SPECIAL CONCRETE JUNCTION BOX (36" RCPA TO TYPE	EA	1	\$2,500.00	\$2,500.00	0.00	\$0.00	(\$2,500.00)
23	EXPLORATORY EXCAVATION	HR	40	\$165.00	\$6,600.00	18.00	\$2,970.00	(\$3,630.00)
24	MUCK EXCAVATION (TRENCH)	CY	500	\$13.25	\$6,625.00	0.00	\$0.00	(\$6,625.00)
25	PIPELINE INSULATION	S FT	986	\$1.10	\$1,084.60	764.00	\$840.40	(\$244.20)
26	PIPE ENCASEMENT	CY	25	\$400.00	\$10,000.00	34.50	\$13,800.00	\$3,800.00
27	TYPE I BEDDING MATERIAL	T	220	\$13.00	\$2,860.00	294.96	\$3,834.48	INCOMPLETE
28	TYPE II BEDDING MATERIAL	T	200	\$13.00	\$2,600.00	43.86	\$570.18	(\$2,029.82)
29	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	CY	136	\$100.00	\$13,600.00	147.00	\$14,700.00	INCOMPLETE
30	UNCLASSIFIED EXCAVATION	CY	6535	\$6.00	\$39,210.00	6,535.00	\$39,210.00	\$0.00
31	UNCLASSIFIED EXCAVATION, DIGOUTS W/NATIVE MATL.	CY	200	\$11.00	\$2,200.00	0.00	\$0.00	(\$2,200.00)
32	AASHTO T-180 SOIL TEST	EA	3	\$155.00	\$465.00	1.00	\$155.00	INCOMPLETE
33	FURNISH & PLACE TOPSOIL	CY	500	\$16.00	\$8,000.00	0.00	\$0.00	INCOMPLETE

34	PLACE TOPSOIL	CY	275	\$3.60	\$990.00	0.00	\$0.00	INCOMPLETE
35	ASPHALT PAVEMENT SAWING	FT	39	\$3.30	\$128.70	57.50	\$189.75	\$61.05
36	CONCRETE PAVEMENT SAWING	FT	492	\$3.80	\$1,869.60	492.00	\$1,869.60	\$0.00
37	REMOVE & DISPOSE ASPHALT CONCRETE PAVEMENT	SY	4536	\$3.00	\$13,608.00	4,536.00	\$13,608.00	\$0.00
38	REMOVE & DISPOSE CONCRETE CURB & GUTTER	FT	1937	\$2.75	\$5,326.75	1,937.00	\$5,326.75	\$0.00
39	REMOVE & DISPOSE CONCRETE APPROACH PAVEMENT	S FT	4006	\$1.65	\$6,609.90	4,281.00	\$7,063.65	\$453.75
40	REMOVE CONCRETE FILLET & PAN	S FT	860	\$1.65	\$1,419.00	860.00	\$1,419.00	\$0.00
41	REMOVE & DISPOSE CONCRETE SIDEWALK	SY	622	\$8.80	\$5,473.60	622.00	\$5,473.60	INCOMPLETE
42	REMOVE & DISPOSE CONCRETE PAVEMENT	SY	708	\$4.95	\$3,504.60	78.59	\$389.02	(\$3,115.58)
43	AGGREGATE BASE COURSE	T	2711	\$12.10	\$32,803.10	3,824.83	\$46,280.44	\$13,477.34
44	AGGREGATE BASE COURSE (over soil support fabric)	T	921	\$12.65	\$11,650.65	321.00	\$4,060.65	(\$7,590.00)
45	GEOGRID FABRIC	SY	8607	\$3.00	\$25,821.00	1,613.30	\$4,839.90	(\$20,981.10)
46	GRAVEL SURFACING	T	150	\$12.00	\$1,800.00	28.44	\$341.28	(\$1,458.72)
47	ASPHALT COMPACTION TESTS	EA	3	\$110.00	\$330.00	0.00	\$0.00	(\$330.00)
48	ASPHALT CONCRETE, CLASS G, TYPE 1	T	14	\$100.00	\$1,400.00	24.47	\$2,447.00	\$1,047.00
49	ASPHALT CONCRETE, CLASS G, TYPE 2	T	14	\$105.00	\$1,470.00	29.97	\$3,146.85	\$1,676.85
50	TEMPORARY MARKING PAINT	GAL	5	\$110.00	\$550.00	0.00	\$0.00	INCOMPLETE
51	FLUSH SEAL	SY	81	\$3.50	\$283.50	0.00	\$0.00	INCOMPLETE
52	CONCRETE APPROACH PAVEMENT, 6" (REINFORCED)	SY	243	\$25.75	\$6,257.25	120.00	\$3,090.00	INCOMPLETE
53	PCC PAVEMENT, 10", NONREINFORCED	SY	7047	\$28.60	\$201,544.20	5,505.18	\$157,448.15	INCOMPLETE
54	CONCRETE CURB & GUTTER, TYPE B610	FT	1658	\$11.75	\$19,481.50	1,501.00	\$17,636.75	INCOMPLETE
55	CONCRETE FILLET & PAN (REINFRCD), 10"	SY	474	\$33.50	\$15,879.00	189.65	\$6,353.28	INCOMPLETE
56	CONCRETE SIDEWALK, 4"	S FT	5778	\$3.00	\$17,334.00	3,120.00	\$9,360.00	INCOMPLETE
57	CONCRETE SIDEWALK ACCESS RAMP	S FT	729	\$4.00	\$2,916.00	410.00	\$1,640.00	INCOMPLETE
58	CONCRETE TEST SET	EA	15	\$125.00	\$1,875.00	10.00	\$1,250.00	INCOMPLETE
59	18" RCP, CLASS II	FT	430	\$28.00	\$12,040.00	384.00	\$10,752.00	(\$1,288.00)
60	24" RCP, CLASS II	FT	768	\$33.00	\$25,344.00	712.00	\$23,496.00	(\$1,848.00)
61	24" RCP Arch, CLASS II	FT	156	\$52.65	\$8,213.40	160.00	\$8,424.00	\$210.60
62	36" RCPArch, CLASS II	FT	68	\$90.50	\$6,154.00	72.00	\$6,516.00	\$362.00
63	18" RCP 30 DEGREE BEND	EA	1	\$550.00	\$550.00	1.00	\$550.00	\$0.00
64	18" RCP 45 DEGREE BEND	EA	1	\$385.00	\$385.00	1.00	\$385.00	\$0.00
65	18"X18"X18" RCP TEE	EA	1	\$710.00	\$710.00	1.00	\$710.00	\$0.00
66	24"X24"X18" RCP TEE	EA	1	\$535.00	\$535.00	1.00	\$535.00	\$0.00
67	TYPE "B" INLET W/VANED GRATE	EA	6	\$1,200.00	\$7,200.00	4.00	\$4,800.00	INCOMPLETE
68	TYPE "E" INLET, 10'	EA	5	\$2,250.00	\$11,250.00	4.50	\$10,125.00	INCOMPLETE
69	18"X18"X15" RCP to CMP TEE	EA	1	\$500.00	\$500.00	0.00	\$0.00	INCOMPLETE
70	IRRIGATION SYSTEM, (EXISTING) SALVAGE/REPAIR	LS	1	\$2,750.00	\$2,750.00	0.50	\$1,375.00	INCOMPLETE
71	SODDING	SY	2295	\$2.87	\$6,586.65	0.00	\$0.00	INCOMPLETE
72	WATER FOR SOD AND/OR PLANTS	M GAL	8	\$38.50	\$308.00	0.00	\$0.00	INCOMPLETE
73	COLD PLAST. MARKING, 4"	FT	3293	\$4.40	\$14,489.20	0.00	\$0.00	INCOMPLETE
74	COLD PLAST. MARKING, 12"	FT	314	\$13.20	\$4,144.80	0.00	\$0.00	INCOMPLETE
75	COLD PLAST. MARKING, 24"	FT	60	\$26.40	\$1,584.00	0.00	\$0.00	INCOMPLETE
76	COLD PLAST. MARKING, ARROW	EA	14	\$500.00	\$7,000.00	0.00	\$0.00	INCOMPLETE
77	COLD PLAST. MARKING, MESSAGE	WORD	3	\$500.00	\$1,500.00	0.00	\$0.00	INCOMPLETE
78	FLAGGING	HR	200	\$15.00	\$3,000.00	150.00	\$2,250.00	INCOMPLETE
79	STREET SIGNS	EA	6	\$160.00	\$960.00	0.00	\$0.00	INCOMPLETE

80	TRAFFIC CONTROL	LS	1	\$25,000.00	\$25,000.00	0.75	\$18,750.00	INCOMPLETE
81	CONTRACTOR FURN. STAKING	LS	1	\$8,200.00	\$8,200.00	0.75	\$6,150.00	INCOMPLETE
82	RESET PROPERTY PINS	HR	16	\$80.00	\$1,280.00	0.00	\$0.00	INCOMPLETE
83	2 Ft. DIA. CONCRETE FOOTING	EA	5	\$1,520.00	\$7,600.00	0.00	\$0.00	INCOMPLETE
84	RDY LUMINAIRE 400W H.P.S. w P.E.	EA	5	\$500.00	\$2,500.00	0.00	\$0.00	INCOMPLETE
85	STR EET LIGHT POLE 50FT. /10FT ARM	EA	5	\$2,585.00	\$12,925.00	0.00	\$0.00	INCOMPLETE
86	18" DIA. JUNCTION BOX	EA	5	\$400.00	\$2,000.00	0.00	\$0.00	INCOMPLETE
87	24" DIA. JUNCTION BOX	EA	1	\$475.00	\$475.00	0.00	\$0.00	INCOMPLETE
88	2" RIGID CONDUIT (SCH 40)	FT	682	\$7.50	\$5,115.00	0.00	\$0.00	INCOMPLETE
89	2" RIGID CONDUIT (SCH 80)	FT	214	\$7.85	\$1,679.90	0.00	\$0.00	INCOMPLETE
90	2" RIGID METAL CONDUIT	FT	25	\$15.25	\$381.25	0.00	\$0.00	INCOMPLETE
91	2/C #10 AWG COPPER POLE & BKT CABLE	FT	300	\$0.95	\$285.00	0.00	\$0.00	INCOMPLETE
92	1/C #8 AWG COPPER CONDUCTOR	FT	5406	\$0.52	\$2,811.12	0.00	\$0.00	INCOMPLETE
93	1/C #10 AWG COPPER CONDUCTOR	FT	946	\$0.43	\$406.78	0.00	\$0.00	INCOMPLETE
94	TRAFFIC CONTROL DETECTOR LOOP	EA	12	\$540.00	\$6,480.00	0.00	\$0.00	INCOMPLETE
95	18" CMP/SLOT DRAIN	FT	20	\$145.00	\$2,900.00	0.00	\$0.00	INCOMPLETE
96	18" CMP	FT	10	\$94.00	\$940.00	0.00	\$0.00	INCOMPLETE
97	12" EDGE DRAIN & ROCK	FT	2000	\$6.30	\$12,600.00	1,500.00	\$9,450.00	INCOMPLETE
98	DOWEL BAR ASSEMBLY	FT	4296	\$6.60	\$28,353.60	3,382.00	\$22,321.20	INCOMPLETE
99	INSTALL #10 STEEL BAR IN CONCRETE/EPOXY	EA	181	\$6.25	\$1,131.25	128.00	\$800.00	INCOMPLETE
100	INSTALL #5 STEEL BAR IN CONCRETE/EPOXY	EA	20	\$4.50	\$90.00	17.00	\$76.50	INCOMPLETE
101	INCIDENTAL WORK	LS	1	\$5,000.00	\$5,000.00	0.75	\$3,750.00	INCOMPLETE
	TOTAL				\$827,948.80		\$611,652.88	(\$30,149.28)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$827,948.80
CCO #1	(\$30,149.28)	NET INCREASE/(DECREASE):	(\$30,149.28)
CCO #2			
CCO #3		ADJUSTED CONTRACT PRICE:	\$797,799.52
PRIOR TOTAL =		CHANGE TO DATE:	(\$30,149.28)

CONTRACTOR: _____	DATE: _____
ENGINEER: _____	DATE: _____
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: 19.5 CALENDAR DAYS NEW CONTRACT TIME: 148.5 CALENDAR Days	

**CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER**

PROJECT NAME: CATHEDRAL DRIVE WIDENING PROJECT

PROJECT NO: ST00-928

CONTRACTOR: HEAVY CONSTRUCTORS, INC.

ORIGINAL CONTRACT AMOUNT: \$0.00

CHANGE ORDER NO.: 1

DATE: 12/18/00

0-Jan-00

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	MOBILIZATION	COMPLETE
2	CLEARING & GRUBBING, 6" +TREE	MEASURED QUANTITY, COMPLETE
3	MANHOLE ALTERATIONS	MEASURED QUANTITY, COMPLETE
4	1" COPPER SERVICE LINE	MEASURED QUANTITY, COMPLETE
5	6" PVC WATER MAIN	MEASURED QUANTITY, COMPLETE
6	16" PVC WATER MAIN	MEASURED QUANTITY, COMPLETE
7	1" CURB STOP & BOX	MEASURED QUANTITY, COMPLETE
8	16" X 8" REDUCER	MEASURED QUANTITY, COMPLETE
9	8" STANDARD COUPLING	MEASURED QUANTITY, COMPLETE
10	16" TRANSITION COUPLING	MEASURED QUANTITY, COMPLETE
11	16" COUPLING	MEASURED QUANTITY, COMPLETE
12	16"X16"X6" TEE	MEASURED QUANTITY, COMPLETE
13	16"X16"X16" TEE	MEASURED QUANTITY, COMPLETE
14	16"X16"X6" TAPPING SLEEVE, VALVE & BOX	MEASURED QUANTITY, COMPLETE
15	16"X16"X8" TAPPING SLEEVE, VALVE & BOX	MEASURED QUANTITY, COMPLETE
16	16" 11.25 DEGREE BEND	MEASURED QUANTITY, COMPLETE
17	16" 45 DEGREE BEND	MEASURED QUANTITY, COMPLETE
18	6" GATE VALVE W/ BOX	MEASURED QUANTITY, COMPLETE
19	16" BUTTERFLY VALVE W/ BOX	MEASURED QUANTITY, COMPLETE
20	FIRE HYDRANT W/AUX. VALVE & LEAD	MEASURED QUANTITY, COMPLETE
21	ABANDON VALVE	MEASURED QUANTITY, COMPLETE
22	SPECIAL CONCRETE JUNCTION BOX (36" RCPA TO TYP	DELETED ITEM/REPLACED WITH STANDARD BOX
23	EXPLORATORY EXCAVATION	MEASURED QUANTITY, COMPLETE
24	MUCK EXCAVATION (TRENCH)	NONE USED

25	PIPELINE INSULATION	MEASURED QUANTITY, COMPLETE
26	PIPE ENCASEMENT	MEASURED QUANTITY, COMPLETE
27	TYPE I BEDDING MATERIAL	INCOMPLETE
28	TYPE II BEDDING MATERIAL	MEASURED QUANTITY, COMPLETE
29	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	INCOMPLETE
30	UNCLASSIFIED EXCAVATION	MEASURED QUANTITY, COMPLETE
31	UNCLASSIFIED EXCAVATION, DIGOUTS W/NATIVE MA	NONE USED
32	AASHTO T-180 SOIL TEST	INCOMPLETE
33	FURNISH & PLACE TOPSOIL	INCOMPLETE
34	PLACE TOPSOIL	INCOMPLETE
35	ASPHALT PAVEMENT SAWING	MEASURED QUANTITY, COMPLETE
36	CONCRETE PAVEMENT SAWING	MEASURED QUANTITY, COMPLETE
37	REMOVE & DISPOSE ASPHALT CONCRETE PAVEMENT	MEASURED QUANTITY, COMPLETE
38	REMOVE & DISPOSE CONCRETE CURB & GUTTER	MEASURED QUANTITY, COMPLETE
39	REMOVE & DISPOSE CONCRETE APPROACH PAVEMENT	MEASURED QUANTITY, COMPLETE
40	REMOVE CONCRETE FILLET & PAN	MEASURED QUANTITY, COMPLETE
41	REMOVE & DISPOSE CONCRETE SIDEWALK	INCOMPLETE
42	REMOVE & DISPOSE CONCRETE PAVEMENT	PLANS QUANTITY INCORRECT-MEASURED QUANTITY IN SQUARE YARDS CORRECT
43	AGGREGATE BASE COURSE	MEASURED QUANTITY, COMPLETE
44	AGGREGATE BASE COURSE (over soil support fabric)	MEASURED QUANTITY, COMPLETE
45	GEOGRID FABRIC	MEASURED QUANTITY, COMPLETE
46	GRAVEL SURFACING	MEASURED QUANTITY, COMPLETE
47	ASPHALT COMPACTION TESTS	MEASURED QUANTITY, COMPLETE
48	ASPHALT CONCRETE, CLASS G, TYPE 1	MEASURED QUANTITY, COMPLETE
49	ASPHALT CONCRETE, CLASS G, TYPE 2	MEASURED QUANTITY, COMPLETE
50	TEMPORARY MARKING PAINT	INCOMPLETE
51	FLUSH SEAL	INCOMPLETE
52	CONCRETE APPROACH PAVEMENT, 6" (REINFORCED)	INCOMPLETE
53	PCC PAVEMENT, 10", NONREINFORCED	INCOMPLETE
54	CONCRETE CURB & GUTTER, TYPE B610	INCOMPLETE
55	CONCRETE FILLET & PAN (REINFRCD), 10"	INCOMPLETE
56	CONCRETE SIDEWALK, 4"	INCOMPLETE
57	CONCRETE SIDEWALK ACCESS RAMP	INCOMPLETE

58	CONCRETE TEST SET	INCOMPLETE
59	18" RCP, CLASS II	MEASURED QUANTITY, COMPLETE
60	24" RCP, CLASS II	MEASURED QUANTITY, COMPLETE
61	24" RCP Arch, CLASS II	MEASURED QUANTITY, COMPLETE
62	36" RCPArch, CLASS II	MEASURED QUANTITY, COMPLETE
63	18" RCP 30 DEGREE BEND	MEASURED QUANTITY, COMPLETE
64	18" RCP 45 DEGREE BEND	MEASURED QUANTITY, COMPLETE
65	18"X18"X18" RCP TEE	MEASURED QUANTITY, COMPLETE
66	24"X24"X18" RCP TEE	MEASURED QUANTITY, COMPLETE
67	TYPE "B" INLET W/VANED GRATE	INCOMPLETE
68	TYPE "E" INLET, 10'	INCOMPLETE
69	18"X18"X15" RCP to CMP TEE	INCOMPLETE
70	IRRIGATION SYSTEM, (EXISTING) SALVAGE/REPAIR	INCOMPLETE
71	SODDING	INCOMPLETE
72	WATER FOR SOD AND/OR PLANTS	INCOMPLETE
73	COLD PLAST. MARKING, 4"	INCOMPLETE
74	COLD PLAST. MARKING, 12"	INCOMPLETE
75	COLD PLAST. MARKING, 24"	INCOMPLETE
76	COLD PLAST. MARKING, ARROW	INCOMPLETE
77	COLD PLAST. MARKING, MESSAGE	INCOMPLETE
78	FLAGGING	INCOMPLETE
79	STREET SIGNS	INCOMPLETE
80	TRAFFIC CONTROL	INCOMPLETE
81	CONTRACTOR FURN. STAKING	INCOMPLETE
82	RESET PROPERTY PINS	INCOMPLETE
83	2 Ft. DIA. CONCRETE FOOTING	INCOMPLETE
84	RDY LUMINAIRE 400W H.P.S. w P.E.	INCOMPLETE
85	STR EET LIGHT POLE 50FT. /10FT ARM	INCOMPLETE
86	18" DIA. JUNCTION BOX	INCOMPLETE
87	24" DIA. JUNCTION BOX	INCOMPLETE
88	2" RIGID CONDUIT (SCH 40)	INCOMPLETE
89	2" RIGID CONDUIT (SCH 80)	INCOMPLETE
90	2" RIGID METAL CONDUIT	INCOMPLETE

91	2/C #10 AWG COPPER POLE & BKT CABLE	INCOMPLETE
92	1/C #8 AWG COPPER CONDUCTOR	INCOMPLETE
93	1/C #10 AWG COPPER CONDUCTOR	INCOMPLETE
94	TRAFFIC CONTROL DETECTOR LOOP	INCOMPLETE
95	18" CMP/SLOT DRAIN	INCOMPLETE
96	18" CMP	INCOMPLETE
97	12" EDGE DRAIN & ROCK	INCOMPLETE
98	DOWEL BAR ASSEMBLY	INCOMPLETE
99	INSTALL #10 STEEL BAR IN CONCRETE/EPOXY	INCOMPLETE
100	INSTALL #5 STEEL BAR IN CONCRETE/EPOXY	INCOMPLETE
101	INCIDENTAL WORK	INCOMPLETE

PREPARED BY: _____

DATE: _____