

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F
EAST NORTH STREET - CAMBELL STREET TO PINE STREET
PROJECT NO. ST08-1511 / CIP NO. 50142**

MARCH 12, 2013

ORIGINAL CONTRACT AMOUNT: \$1,134,792.39

CONTRACTOR: HEAVY CONSTRUCTORS, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$22,248.00	\$22,248.00	1.00	\$22,248.00	\$0.00
2	CONSTRUCTION STAKING	LS	1.00	\$8,343.00	\$8,343.00	1.00	\$8,343.00	\$0.00
3	REMOVE CURB STOP	EACH	13.00	\$222.48	\$2,892.24	14.00	\$3,114.72	\$222.48
4	REMOVE MANHOLE	EACH	9.00	\$556.20	\$5,005.80	9.00	\$5,005.80	\$0.00
5	REMOVE GATE VALVE	EACH	7.00	\$278.10	\$1,946.70	8.00	\$2,224.80	\$278.10
6	SALVAGE FIRE HYDRANT WITH VALVE AND BOX	EACH	6.00	\$389.34	\$2,336.04	6.00	\$2,336.04	\$0.00
7	INCIDENTAL WORK	LS	1.00	\$22,248.00	\$22,248.00	1.00	\$22,248.00	\$0.00
8	18" RC ENCASEMENT PIPE	FT	78.00	\$77.32	\$6,030.96	53.00	\$4,097.96	(\$1,933.00)
9	24" RC ENCASEMENT PIPE	FT	48.00	\$93.78	\$4,501.44	48.00	\$4,501.44	\$0.00
10	30" RC ENCASEMENT PIPE	FT	48.00	\$112.62	\$5,405.76	48.00	\$5,405.76	\$0.00
11	PIPE ENCASEMENT	EACH	25.00	\$1,933.44	\$48,336.00	27.00	\$52,202.88	\$3,866.88
12	8" PVC PIPE	FT	2,471.00	\$41.09	\$101,533.39	2,482.00	\$101,985.38	\$451.99
13	10" PVC PIPE	FT	757.00	\$45.25	\$34,254.25	759.00	\$34,344.75	\$90.50
14	4" PVC WATER MAIN	FT	38.00	\$32.97	\$1,252.86	25.00	\$824.25	(\$428.61)
15	6" PVC WATER MAIN	FT	392.00	\$42.94	\$16,832.48	477.00	\$20,482.38	\$3,649.90
16	8" PVC WATER MAIN	FT	252.00	\$47.99	\$12,093.48	205.00	\$9,837.95	(\$2,255.53)
17	12" PVC WATER MAIN	FT	2,304.00	\$63.04	\$145,244.16	2,261.00	\$142,533.44	(\$2,710.72)
18	16" PVC WATER MAIN	FT	2,119.00	\$78.17	\$165,642.23	2,120.00	\$165,720.40	\$78.17
19	20" PVC WATER MAIN	FT	406.00	\$137.77	\$55,934.62	406.00	\$55,934.62	\$0.00
20	1" COPPER PIPE	FT	234.00	\$30.07	\$7,036.38	359.00	\$10,795.13	\$3,758.75
21	1.5" COPPER PIPE	FT	67.00	\$53.44	\$3,580.48	57.00	\$3,046.08	(\$534.40)
22	2" COPPER PIPE	FT	41.00	\$70.24	\$2,879.84	54.00	\$3,792.96	\$913.12
23	4" SEWER SERVICE	FT	304.00	\$30.93	\$9,402.72	283.00	\$8,753.19	(\$649.53)
24	6" SEWER SERVICE	FT	102.00	\$32.87	\$3,352.74	140.00	\$4,601.80	\$1,249.06
25	4" SANITARY SEWER SERVICE CLEANOUT	EACH	3.00	\$233.96	\$701.88	5.00	\$1,169.80	\$467.92
26	6" SANITARY SEWER SERVICE CLEANOUT	EACH	2.00	\$222.72	\$445.44	2.00	\$445.44	\$0.00
27	6"x6" PIPE TEE	EACH	1.00	\$659.16	\$659.16	1.00	\$659.16	\$0.00
28	8"x4" PIPE TEE	EACH	1.00	\$723.89	\$723.89	1.00	\$723.89	\$0.00
29	8"x6" PIPE TEE	EACH	2.00	\$751.55	\$1,503.10	2.00	\$1,503.10	\$0.00
30	12"x4" PIPE TEE	EACH	2.00	\$947.26	\$1,894.52	2.00	\$1,894.52	\$0.00
31	12"x6" PIPE TEE	EACH	5.00	\$965.74	\$4,828.70	5.00	\$4,828.70	\$0.00
32	16"x6" PIPE TEE	EACH	3.00	\$1,355.50	\$4,066.50	4.00	\$5,422.00	\$1,355.50
33	16"x8" PIPE TEE	EACH	1.00	\$1,588.04	\$1,588.04	1.00	\$1,588.04	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
34	16"x16" PIPE TEE	EACH	1.00	\$2,001.09	\$2,001.09	1.00	\$2,001.09	\$0.00
35	20"x6" PIPE TEE	EACH	1.00	\$2,115.30	\$2,115.30	1.00	\$2,115.30	\$0.00
36	20"x12" PIPE TEE	EACH	1.00	\$2,589.92	\$2,589.92	1.00	\$2,589.92	\$0.00
37	12"x12" PIPE CROSS	EACH	1.00	\$1,514.94	\$1,514.94	1.00	\$1,514.94	\$0.00
38	16"x12" PIPE CROSS	EACH	1.00	\$2,274.78	\$2,274.78	1.00	\$2,274.78	\$0.00
39	20"x16" PIPE CROSS	EACH	1.00	\$3,754.93	\$3,754.93	1.00	\$3,754.93	\$0.00
40	12"x6" PIPE REDUCER	EACH	1.00	\$510.37	\$510.37	1.00	\$510.37	\$0.00
41	12"x8" PIPE REDUCER	EACH	2.00	\$526.18	\$1,052.36	2.00	\$1,052.36	\$0.00
42	16"x6" PIPE REDUCER	EACH	1.00	\$793.92	\$793.92	1.00	\$793.92	\$0.00
43	16"x8" PIPE REDUCER	EACH	2.00	\$797.65	\$1,595.30	2.00	\$1,595.30	\$0.00
44	20"x16" PIPE REDUCER	EACH	2.00	\$1,529.42	\$3,058.84	2.00	\$3,058.84	\$0.00
45	TAPPING SADDLE	EACH	10.00	\$311.55	\$3,115.50	12.00	\$3,738.60	\$623.10
46	1.5" CORPORATION STOP WITH TAPPING SADDLE	EACH	4.00	\$466.84	\$1,867.36	3.00	\$1,400.52	(\$466.84)
47	2" CORPORATION STOP WITH TAPPING SADDLE	EACH	1.00	\$481.17	\$481.17	1.00	\$481.17	\$0.00
48	1" CURB STOP WITH BOX	EACH	11.00	\$242.74	\$2,670.14	11.00	\$2,670.14	\$0.00
49	1.5" CURB STOP WITH BOX	EACH	4.00	\$451.50	\$1,806.00	3.00	\$1,354.50	(\$451.50)
50	2" CURB STOP WITH BOX	EACH	1.00	\$515.42	\$515.42	1.00	\$515.42	\$0.00
51	4" PIPE BEND	EACH	2.00	\$285.38	\$570.76	0.00	\$0.00	(\$570.76)
52	6" PIPE BEND	EACH	9.00	\$392.48	\$3,532.32	3.00	\$1,177.44	(\$2,354.88)
53	8" PIPE BEND	EACH	9.00	\$468.16	\$4,213.44	12.00	\$5,617.92	\$1,404.48
54	12" PIPE BEND	EACH	28.00	\$603.67	\$16,902.76	24.00	\$14,488.08	(\$2,414.68)
55	16" PIPE BEND	EACH	33.00	\$1,187.01	\$39,171.33	13.00	\$15,431.13	(\$23,740.20)
56	20" PIPE BEND	EACH	3.00	\$1,871.37	\$5,614.11	3.00	\$5,614.11	\$0.00
57	12" PIPE COUPLING	EACH	4.00	\$280.96	\$1,123.84	2.00	\$561.92	(\$561.92)
58	16" PIPE COUPLING	EACH	5.00	\$1,146.85	\$5,734.25	4.00	\$4,587.40	(\$1,146.85)
59	20" PIPE COUPLING	EACH	1.00	\$1,535.79	\$1,535.79	1.00	\$1,535.79	\$0.00
60	4" GATE VALVE WITH BOX	EACH	3.00	\$1,025.50	\$3,076.50	2.00	\$2,051.00	(\$1,025.50)
61	8" GATE VALVE WITH BOX	EACH	3.00	\$1,665.59	\$4,996.77	3.00	\$4,996.77	\$0.00
62	12" GATE VALVE WITH BOX	EACH	9.00	\$2,791.99	\$25,127.91	9.00	\$25,127.91	\$0.00
63	16" GATE VALVE WITH BOX	EACH	5.00	\$6,860.67	\$34,303.35	5.00	\$34,303.35	\$0.00
64	20" GATE VALVE WITH BOX	EACH	1.00	\$13,195.77	\$13,195.77	1.00	\$13,195.77	\$0.00
65	PIPE INSULATION	SQFT	210.00	\$3.34	\$701.40	256.00	\$855.04	\$153.64
66	FIRE HYDRANT WITH AUXILIARY VALVE & BOX	EACH	11.00	\$4,289.46	\$47,184.06	12.00	\$51,473.52	\$4,289.46
67	FIRE HYDRANT GUARD POST	EACH	10.00	\$667.44	\$6,674.40	6.00	\$4,004.64	(\$2,669.76)
68	IMPORTED TRENCH BACKFILL	CUYD	1,000.00	\$8.90	\$8,900.00	0.00	\$0.00	(\$8,900.00)
69	PIPE BEDDING MATERIAL	TON	50.00	\$20.49	\$1,024.50	12.00	\$245.88	(\$778.62)
70	RECONNECT WATER SERVICE	EACH	19.00	\$305.10	\$5,796.90	19.00	\$5,796.90	\$0.00
71	CONNECT TO EXISTING WATER MAIN	EACH	14.00	\$1,156.93	\$16,197.02	14.00	\$16,197.02	\$0.00
72	RECONNECT SEWER SERVICE	EACH	15.00	\$313.50	\$4,702.50	15.00	\$4,702.50	\$0.00
73	SEWER BYPASS PUMPING	LS	1.00	\$16,686.00	\$16,686.00	1.00	\$16,686.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
74	CORROSION PROTECTION	LS	1.00	\$57,784.90	\$57,784.90	1.00	\$57,784.90	\$0.00
75	EXPLORATORY EXCAVATION	HOUR	10.00	\$389.34	\$3,893.40	39.00	\$15,184.26	\$11,290.86
76	48" MANHOLE	EACH	18.00	\$2,879.98	\$51,839.64	18.00	\$51,839.64	\$0.00
77	60" DROP MANHOLE	EACH	1.00	\$5,274.54	\$5,274.54	1.00	\$5,274.54	\$0.00
78	EXTRA DEPTH FOR 48" MANHOLE	FT	47.70	\$187.84	\$8,959.97	47.70	\$8,959.97	\$0.00
79	EXTRA DEPTH FOR 60" MANHOLE	FT	6.10	\$318.61	\$1,943.52	6.10	\$1,943.52	\$0.00
80	MANHOLE	EACH	1.00	\$556.20	\$556.20	1.00	\$556.20	\$0.00
81	ABANDON MANHOLE	EACH	2.00	\$556.20	\$1,112.40	2.00	\$1,112.40	\$0.00
82	48" DROP MANHOLE	EACH	1.00	\$2,782.69	\$2,782.69	1.00	\$2,782.69	\$0.00
83	6" GATE VALVE WITH BOX	EACH	0.00	\$1,248.52	\$0.00	4.00	\$4,994.08	\$4,994.08
84	6" F&I 6" TAPPING SLEEVE	EACH	0.00	\$2,712.74	\$0.00	3.00	\$8,138.22	\$8,138.22
TOTAL					\$1,137,575.08		\$1,131,257.99	(\$6,317.09)

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$1,137,575.08
CCO #1	\$2,782.69		NET INCREASE/(DECREASE):	(\$6,317.09)
CCO #2F	(\$6,317.09)		ADJUSTED CONTRACT PRICE:	\$1,131,257.99
	\$0.00		CHANGE TO DATE:	(\$3,534.40)

CONTRACTOR: HEAVY CONSTRUCTORS 4-19-13
DATE
 CONSULTANT: KADRMAS, LEE AND JACKSON, INC. 4/23/13
DATE
 PROJECT MANAGER: KLARE SCHROEDER, P.E. 4/16/13
DATE
 CITY ENGINEER: DALE TECH, P.E. / L.S. 4-23-13
DATE
 MAYOR: SAM KOOIKER DATE
 FINANCE: PAULINE SUMPTION DATE
 CONTRACT TIME CHANGE +/-: 0 NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #2F to Heavy Constructors for a decrease of \$6,317.09 based on unit pricing with the following appropriation:

Initial Funding	\$263,680.79	\$871,111.60			\$1,134,792.39
Fund Type	Sanitary Sewer	Water			
Department	0833	0933			
Line Item	4380	4381			
Fund	0604	0602			
CCO #1	\$2,782.69	\$0.00			\$2,782.69
CCO #2F	\$5,475.37	(\$11,792.46)			(\$6,317.09)
Adjusted Funding	\$271,938.85	\$859,319.14		\$1,131,257.99	\$1,131,257.99

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F
 EAST NORTH STREET - CAMBELL STREET TO PINE STREET
 PROJECT NO. ST08-1511 / CIP NO. 50142
 MARCH 12, 2013
 ORIGINAL CONTRACT AMOUNT: \$1,134,792.39
 CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
3	REMOVE CURB STOP	REFLECTS INSTALLED FIELD QUANTITY
5	REMOVE GATE VALVE	REFLECTS INSTALLED FIELD QUANTITY
8	18" RC ENCASMENT PIPE	REFLECTS INSTALLED FIELD QUANTITY
11	PIPE ENCASMENT	REFLECTS INSTALLED FIELD QUANTITY
12	8"PVC PIPE	REFLECTS INSTALLED FIELD QUANTITY
13	10" PVC PIPE	REFLECTS INSTALLED FIELD QUANTITY
14	4" PVC WATER MAIN	REFLECTS INSTALLED FIELD QUANTITY
15	6" PVC WATER MAIN	REFLECTS INSTALLED FIELD QUANTITY
16	8" PVC WATER MAIN	REFLECTS INSTALLED FIELD QUANTITY
17	12" PVC WATER MAIN	REFLECTS INSTALLED FIELD QUANTITY
18	16" PVC WATER MAIN	REFLECTS INSTALLED FIELD QUANTITY
20	1" COPPER PIPE	REFLECTS INSTALLED FIELD QUANTITY
21	1.5" COPPER PIPE	REFLECTS INSTALLED FIELD QUANTITY
22	2" COPPER PIPE	REFLECTS INSTALLED FIELD QUANTITY
23	4" SEWER SERVICE	REFLECTS INSTALLED FIELD QUANTITY
24	6" SEWER SERVICE	REFLECTS INSTALLED FIELD QUANTITY
25	4" SANITARY SEWER SERVICE CLEANOUT	TWO ADDITIONAL ADDED ON SERVICE LINES
32	16"x6" PIPE TEE	REFLECTS INSTALLED FIELD QUANTITY
45	TAPPING SADDLE	REFLECTS INSTALLED FIELD QUANTITY

46	1.5" CORPORATION STOP WITH TAPPING SADDLE	REFLECTS INSTALLED FIELD QUANTITY
49	1.5" CURB STOP WITH BOX	REFLECTS INSTALLED FIELD QUANTITY
51	4" PIPE BEND	NOT NEEDED
52	6" PIPE BEND	REFLECTS INSTALLED FIELD QUANTITY
53	8" PIPE BEND	REFLECTS INSTALLED FIELD QUANTITY
54	12" PIPE BEND	REFLECTS INSTALLED FIELD QUANTITY
55	16" PIPE BEND	ELIMINATED A NUMBER OF LOCATIONS BENDING UNDER OBSTRUCTIONS SHOWN ON PLANS
57	12" PIPE COUPLING	REFLECTS INSTALLED FIELD QUANTITY
58	16" PIPE COUPLING	REFLECTS INSTALLED FIELD QUANTITY
60	4" GATE VALVE WITH BOX	REFLECTS INSTALLED FIELD QUANTITY
65	PIPE INSULATION	REFLECTS INSTALLED FIELD QUANTITY
66	FIRE HYDRANT WITH AUXILIARY VALVE & BOX	REFLECTS INSTALLED FIELD QUANTITY
67	FIRE HYDRANT GUARD POST	REFLECTS INSTALLED FIELD QUANTITY
68	IMPORTED TRENCH BACKFILL	NOT NEEDED
69	PIPE BEDDING MATERIAL	REFLECTS INSTALLED FIELD QUANTITY
75	EXPLORATORY EXCAVATION	REFLECTS INSTALLED FIELD QUANTITY
83	6" GATE VALVE WITH BOX	1 REQUIRED AT WATERTOWN AND SPRUCE TO MAKE TIE-IN; ONE AT 79+07 LT AND TWO AT 76+84 LT- ALL REQUESTED
84	6" F&I 6" TAPPING SLEEVE	TWO REQUESTED BY CITY AT STATION 76+84 LT AND ONE AT 79+07 LT.

PREPARED BY: Klare Schroeder, P.E.

DATE: March 12, 2013

FUNDING TYPE		Sanitary Sewer		Water		
COST CENTER		833 / 834		933 / 934		
LINE ITEM		4380		4381		
FUND		0604		0602		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	10%	0.00	90%	100%
2	CONSTRUCTION STAKING	0.00	10%	0.00	90%	100%
3	REMOVE CURB STOP	0.00	0%	222.48	100%	100%
4	REMOVE MANHOLE	0.00	100%	0.00	0%	100%
5	REMOVE GATE VALVE	0.00	0%	278.10	100%	100%
6	SALVAGE FIRE HYDRANT WITH VA	0.00	0%	0.00	100%	100%
7	INCIDENTAL WORK	0.00	50%	0.00	50%	100%
8	18" RC ENCASEMENT PIPE	0.00	0%	-1,933.00	100%	100%
9	24" RC ENCASEMENT PIPE	0.00	0%	0.00	100%	100%
10	30" RC ENCASEMENT PIPE	0.00	0%	0.00	100%	100%
11	PIPE ENCASEMENT	0.00	0%	3,866.88	100%	100%
12	8" PVC PIPE	451.99	100%	0.00	0%	100%
13	10" PVC PIPE	90.50	100%	0.00	0%	100%
14	4" PVC WATER MAIN	0.00	0%	-428.61	100%	100%
15	6" PVC WATER MAIN	0.00	0%	3,649.90	100%	100%
16	8" PVC WATER MAIN	0.00	0%	-2,255.53	100%	100%
17	12" PVC WATER MAIN	0.00	0%	-2,710.72	100%	100%
18	16" PVC WATER MAIN	0.00	0%	78.17	100%	100%
19	20" PVC WATER MAIN	0.00	0%	0.00	100%	100%
20	1" COPPER PIPE	0.00	0%	3,758.75	100%	100%
21	1.5" COPPER PIPE	0.00	0%	-534.40	100%	100%
22	2" COPPER PIPE	0.00	0%	913.12	100%	100%
23	4" SEWER SERVICE	-649.53	100%	0.00	0%	100%
24	6" SEWER SERVICE	1,249.06	100%	0.00	0%	100%
25	4" SANITARY SEWER SERVICE CL	467.92	100%	0.00	0%	100%
26	6" SANITARY SEWER SERVICE CL	0.00	100%	0.00	0%	100%
27	6"x6" PIPE TEE	0.00	0%	0.00	100%	100%
28	8"x4" PIPE TEE	0.00	0%	0.00	100%	100%
29	8"x6" PIPE TEE	0.00	0%	0.00	100%	100%
30	12"x4" PIPE TEE	0.00	0%	0.00	100%	100%
31	12"x6" PIPE TEE	0.00	0%	0.00	100%	100%
32	16"x6" PIPE TEE	0.00	0%	1,355.50	100%	100%
33	16"x8" PIPE TEE	0.00	0%	0.00	100%	100%

34	16"x16" PIPE TEE	0.00	0%	0.00	100%	100%
35	20"x6" PIPE TEE	0.00	0%	0.00	100%	100%
36	20"x12" PIPE TEE	0.00	0%	0.00	100%	100%
37	12"x12" PIPE CROSS	0.00	0%	0.00	100%	100%
38	16"x12" PIPE CROSS	0.00	0%	0.00	100%	100%
39	20"x16" PIPE CROSS	0.00	0%	0.00	100%	100%
40	12"x6" PIPE REDUCER	0.00	0%	0.00	100%	100%
41	12"x8" PIPE REDUCER	0.00	0%	0.00	100%	100%
42	16"x6" PIPE REDUCER	0.00	0%	0.00	100%	100%
43	16"x8" PIPE REDUCER	0.00	0%	0.00	100%	100%
44	20"x16" PIPE REDUCER	0.00	0%	0.00	100%	100%
45	TAPPING SADDLE	0.00	0%	623.10	100%	100%
46	1.5" CORPORATION STOP WITH TA	0.00	0%	-466.84	100%	100%
47	2" CORPORATION STOP WITH TAP	0.00	0%	0.00	100%	100%
48	1" CURB STOP WITH BOX	0.00	0%	0.00	100%	100%
49	1.5" CURB STOP WITH BOX	0.00	0%	-451.50	100%	100%
50	2" CURB STOP WITH BOX	0.00	0%	0.00	100%	100%
51	4" PIPE BEND	0.00	0%	-570.76	100%	100%
52	6" PIPE BEND	0.00	0%	-2,354.88	100%	100%
53	8" PIPE BEND	0.00	0%	1,404.48	100%	100%
54	12" PIPE BEND	0.00	0%	-2,414.68	100%	100%
55	16" PIPE BEND	0.00	0%	-23,740.20	100%	100%
56	20" PIPE BEND	0.00	0%	0.00	100%	100%
57	12" PIPE COUPLING	0.00	0%	-561.92	100%	100%
58	16" PIPE COUPLING	0.00	0%	-1,146.85	100%	100%
59	20" PIPE COUPLING	0.00	0%	0.00	100%	100%
60	4" GATE VALVE WITH BOX	0.00	0%	-1,025.50	100%	100%
61	8" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
62	12" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
63	16" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
64	20" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
65	PIPE INSULATION	0.00	0%	153.64	100%	100%
66	FIRE HYDRANT WITH AUXILIARY V	0.00	0%	4,289.46	100%	100%
67	FIRE HYDRANT GUARD POST	0.00	0%	-2,669.76	100%	100%
68	IMPORTED TRENCH BACKFILL	-1,780.00	20%	-7,120.00	80%	100%
69	PIPE BEDDING MATERIAL	0.00	0%	-778.62	100%	100%
70	RECONNECT WATER SERVICE	0.00	0%	0.00	100%	100%
71	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	100%
72	RECONNECT SEWER SERVICE	0.00	100%	0.00	0%	100%
73	SEWER BYPASS PUMPING	0.00	100%	0.00	0%	100%
74	CORROSION PROTECTION	0.00	0%	0.00	100%	100%
75	EXPLORATORY EXCAVATION	5,645.43	50%	5,645.43	50%	100%
76	48" MANHOLE	0.00	100%	0.00	0%	100%

77	60" DROP MANHOLE	0.00	100%	0.00	0%	100%
78	EXTRA DEPTH FOR 48" MANHOLE	0.00	100%	0.00	0%	100%
79	EXTRA DEPTH FOR 60" MANHOLE	0.00	100%	0.00	0%	100%
80	CONNECT INTO EXISTING MANHO	0.00	100%	0.00	0%	100%
81	ABANDON MANHOLE	0.00	100%	0.00	0%	100%
82	48" DROP MANHOLE	0.00	100%	0.00	0%	100%
83	6" GATE VALVE WITH BOX	0.00	0%	4,994.08	100%	100%
84	6" F&I 6" TAPPING SLEEVE	0.00	0%	8,138.22	100%	100%
		\$5,475.37		(\$11,792.46)		(\$6,317.09)