

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**ADAMS STREET & NORTH STREET SANITARY SEWER RECONSTRUCTION**  
**PROJECT NO. SS10-1884 / CIP NO. 50197**  
**OCTOBER 7, 2011**  
**ORIGINAL CONTRACT AMOUNT: \$338,052.00**  
**CONTRACTOR: MAINLINE CONTRACTING INC**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
2	Incidental Work	LS	1.00	\$18,000.00	\$18,000.00	1.00	\$18,000.00	\$0.00
3	Construction Staking	LS	1.00	\$4,000.00	\$4,000.00	1.00	\$4,000.00	\$0.00
4	Remove Manhole	EA	8.00	\$500.00	\$4,000.00	7.00	\$3,500.00	(\$500.00)
5	Remove Concrete Curb & Gutter	LF	465.00	\$1.00	\$465.00	364.00	\$364.00	(\$101.00)
6	Remove PCC Sidewalk	SF	1,477.00	\$0.60	\$886.20	1,828.00	\$1,096.80	\$210.60
7	Remove Asphalt Pavement	SY	1,044.00	\$2.75	\$2,871.00	890.00	\$2,447.50	(\$423.50)
8	AASHTO T-180 Soil Test	EA	5.00	\$160.00	\$800.00	2.00	\$320.00	(\$480.00)
9	Type II Foundation Material	TON	300.00	\$18.00	\$5,400.00	0.00	\$0.00	(\$5,400.00)
10	Type III Foundation Material	TON	100.00	\$18.00	\$1,800.00	0.00	\$0.00	(\$1,800.00)
11	8" PVC Sewer Main (6' - 8')	LF	18.00	\$25.00	\$450.00	18.00	\$450.00	\$0.00
12	8" PVC Sewer Main (8' - 10')	LF	143.00	\$29.00	\$4,147.00	143.00	\$4,147.00	\$0.00
13	8" PVC Sewer Main (10' - 12')	LF	408.00	\$32.00	\$13,056.00	408.00	\$13,056.00	\$0.00
14	8" PVC Sewer Main (12' - 14')	LF	780.00	\$40.00	\$31,200.00	780.00	\$31,200.00	\$0.00
15	8" PVC Sewer Main (14' - 16')	LF	480.00	\$47.00	\$22,560.00	480.00	\$22,560.00	\$0.00
16	8" PVC Sewer Main (16' - 18')	LF	97.00	\$52.00	\$5,044.00	97.00	\$5,044.00	\$0.00
17	8" PVC Sewer Main (18' - 20')	LF	115.00	\$57.00	\$6,555.00	115.00	\$6,555.00	\$0.00
18	4" PVC Sewer Service Line	LF	337.00	\$23.00	\$7,751.00	403.00	\$9,269.00	\$1,518.00
19	4" PVC Sewer Cleanout	EA	2.00	\$170.00	\$340.00	2.00	\$340.00	\$0.00
20	6" PVC Sewer Service Line	LF	15.00	\$40.00	\$600.00	15.00	\$600.00	\$0.00
21	Reconnect Sanitary Sewer Service	EA	51.00	\$500.00	\$25,500.00	51.00	\$25,500.00	\$0.00
22	Standard Manhole, 48" (0' - 6')	EA	2.00	\$2,400.00	\$4,800.00	2.00	\$4,800.00	\$0.00
23	Drop Manhole, 48"	EA	6.00	\$3,000.00	\$18,000.00	5.00	\$15,000.00	(\$3,000.00)
24	Extra Manhole Depth, 48"	VF	50.30	\$250.00	\$12,575.00	46.70	\$11,675.00	(\$900.00)
25	Connect to Existing Sewer Main	EA	5.00	\$680.00	\$3,400.00	5.00	\$3,400.00	\$0.00
26	Bypass Pumping	LS	1.00	\$2,500.00	\$2,500.00	1.00	\$2,500.00	\$0.00
27	6" Coupling	EA	1.00	\$80.00	\$80.00	1.00	\$80.00	\$0.00
28	8" Coupling	EA	5.00	\$90.00	\$450.00	5.00	\$450.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE	
29	Aggregate Base Course	TON	418.00	\$19.00	\$7,942.00	418.00	\$7,942.00	\$0.00	
30	Pavement Patch Undercut, 2' Depth	SY	927.00	\$2.40	\$2,224.80	890.40	\$2,136.96	(\$87.84)	
31	Type 1	TON	301.00	\$135.00	\$40,635.00	276.97	\$37,390.95	(\$3,244.05)	
32	Sawing Asphalt Pavement	LF	1,140.00	\$2.00	\$2,280.00	1,409.00	\$2,818.00	\$538.00	
33	Reinforced w/Cushion	SY	291.00	\$69.00	\$20,079.00	248.50	\$17,146.50	(\$2,932.50)	
34	Concrete Curb & Gutter, Type B66	LF	281.00	\$17.50	\$4,917.50	208.00	\$3,640.00	(\$1,277.50)	
35	Concrete "P6" Gutter	LF	184.00	\$18.50	\$3,404.00	166.00	\$3,071.00	(\$333.00)	
36	Concrete Sidewalk, 4"	SF	1,430.00	\$6.00	\$8,580.00	1,150.00	\$6,900.00	(\$1,680.00)	
37	Concrete Sidewalk, 6" Reinforced	SF	715.00	\$7.00	\$5,005.00	778.00	\$5,446.00	\$441.00	
38	pavement)	TON	209.00	\$16.50	\$3,448.50	105.00	\$1,732.50	(\$1,716.00)	
39	Gravel Surfacing, Permanent	TON	948.00	\$17.50	\$16,590.00	588.04	\$10,290.70	(\$6,299.30)	
40	From Main)	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00	
41	Type C Retaining Wall	LF	52.00	\$73.00	\$3,796.00	57.39	\$4,189.47	\$393.47	
42	Imported Borrow Material (Trench)	CY	250.00	\$5.00	\$1,250.00	0.00	\$0.00	(\$1,250.00)	
43	Sodding & Fertilizing	SY	265.00	\$8.00	\$2,120.00	152.80	\$1,222.40	(\$897.60)	
44	Erosion & Water Pollution Control	LS	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00	
45	Plan	LS	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00	
46	Post Construction Erosion Control	LS	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00	
47	Traffic Control Plan	LS	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00	
48	Traffic Control	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00	
49	Street Maintenance	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00	
50	Relocate Water Service	LS	0.00	\$1,571.79	\$0.00	1.00	\$1,571.79	\$1,571.79	
51	Liquidated Damages	DAYS	0.00	(\$450.00)	\$0.00	3.00	(\$1,350.00)	(\$1,350.00)	
<b>TOTAL</b>						<b>\$338,052.00</b>		<b>\$309,052.57</b>	<b>(\$28,999.43)</b>

C.C.O. HISTORY INCREASE/(DECREASE)	PRIOR ADJUSTED CONTRACT PRICE :	\$338,052.00
CCO #1F	NET INCREASE/(DECREASE):	(\$28,999.43)
(\$28,999.43)	ADJUSTED CONTRACT PRICE:	\$309,052.57
\$0.00	CHANGE TO DATE:	(\$28,999.43)
\$0.00		

*Will Stahl* 10-21-11

CONTRACTOR: MAINLINE CONTRACTING, PO Box 3448 Rapid City, SD 57709 - 348-7068 DATE 10/24/11

*Klare Schroeder*

PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE 10-24-11

*Dale Tech*

CITY ENGINEER: DALE TECH, P.E. / L.S. 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 #1F to Mainline Contracting for a decrease of \$28,999.43 based on unit pricing with the following appropriation:

Initial Funding	\$338,052.00				\$338,052.00
Fund Type	Sanitary Sewer				
Department	0833				
Line Item	4380				
Fund	0604				
CCO #1	(\$28,999.43)				(\$28,999.43)
					\$0.00
					\$0.00
Adjusted Funding	\$309,052.57			\$309,052.57	\$309,052.57

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F  
 ADAMS STREET & NORTH STREET SANITARY SEWER RECONSTRUCTION  
 PROJECT NO. SS10-1884 / CIP NO. 50197  
 OCTOBER 7, 2011  
 ORIGINAL CONTRACT AMOUNT: \$338,052.00  
 CONTRACTOR: MAINLINE CONTRACTING INC**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	Remove Manhole	Left a two year old manhole in place.
5	Remove Concrete Curb & Gutter	Actual quantity needed to complete the project.
6	Remove PCC Sidewalk	Actual quantity needed to complete the project.
7	Remove Asphalt Pavement	Actual quantity needed to complete the project.
8	AASHTO T-180 Soil Test	Actual quantity needed to complete the project.
9	Type II Foundation Material	None needed to complete the project.
10	Type III Foundation Material	None needed to complete the project.
18	4" PVC Sewer Service Line	Actual quantity needed to complete the project.
23	Drop Manhole, 48"	Used an existing manhole.
24	Extra Manhole Depth, 48"	Used an existing manhole.
30	Pavement Patch Undercut, 2' Depth	Actual quantity needed to complete the project.
31	Asphalt Concrete Patch, Class G, Type	Actual quantity needed to complete the project.
32	Sawing Asphalt Pavement	Actual quantity needed to complete the project.
33	PCC Approach Pavement 6", Reinforced	Actual quantity needed to complete the project.
34	Concrete Curb & Gutter, Type B66	Actual quantity needed to complete the project.
35	Concrete "P6" Gutter	Actual quantity needed to complete the project.
36	Concrete Sidewalk, 4"	Actual quantity needed to complete the project.
37	Concrete Sidewalk, 6" Reinforced	Actual quantity needed to complete the project.
38	Gravel Surfacing, Temporary (Under pavement)	Actual quantity needed to complete the project.
39	Gravel Surfacing, Permanent	Actual quantity needed to complete the project.
41	Type C Retaining Wall	Actual quantity needed to complete the project.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
42	Imported Borrow Material (Trench)	None needed to complete the project.
43	Sodding & Fertilizing	Actual quantity needed to complete the project.
50	Relocate Water Service	Water service needed to be relocated for safety reasons while digging sewer.
51	Liquidated Damages	Contractor was late in completing the project.

PREPARED BY: Klare Schroeder, P.E.

DATE: October 7, 2011

		Sanitary Sewer	
		0833	
		4380	
		0604	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT
1	Mobilization	0.00	100%
2	Incidental Work	0.00	100%
3	Construction Staking	0.00	100%
4	Remove Manhole	-500.00	100%
5	Remove Concrete Curb & Gutter	-101.00	100%
6	Remove PCC Sidewalk	210.60	100%
7	Remove Asphalt Pavement	-423.50	100%
8	AASHTO T-180 Soil Test	-480.00	100%
9	Type II Foundation Material	-5,400.00	100%
10	Type III Foundation Material	-1,800.00	100%
11	8" PVC Sewer Main (6' - 8')	0.00	100%
12	8" PVC Sewer Main (8' - 10')	0.00	100%
13	8" PVC Sewer Main (10' - 12')	0.00	100%
14	8" PVC Sewer Main (12' - 14')	0.00	100%
15	8" PVC Sewer Main (14' - 16')	0.00	100%
16	8" PVC Sewer Main (16' - 18')	0.00	100%
17	8" PVC Sewer Main (18' - 20')	0.00	100%
18	4" PVC Sewer Service Line	1,518.00	100%
19	4" PVC Sewer Cleanout	0.00	100%
20	6" PVC Sewer Service Line	0.00	100%
21	Reconnect Sanitary Sewer Service	0.00	100%
22	Standard Manhole, 48" (0' -6')	0.00	100%
23	Drop Manhole, 48"	-3,000.00	100%
24	Extra Manhole Depth, 48"	-900.00	100%
25	Connect to Existing Sewer Main	0.00	100%
26	Bypass Pumping	0.00	100%
27	6" Coupling	0.00	100%
28	8" Coupling	0.00	100%

29	Aggregate Base Course	0.00	100%
30	Pavement Patch Undercut, 2' Depth	-87.84	100%
31	Asphalt Concrete Patch, Class G, Ty	-3,244.05	100%
32	Sawing Asphalt Pavement	538.00	100%
33	PCC Approach Pavement 6", Reinfor	-2,932.50	100%
34	Concrete Curb & Gutter, Type B66	-1,277.50	100%
35	Concrete "P6" Gutter	-333.00	100%
36	Concrete Sidewalk, 4"	-1,680.00	100%
37	Concrete Sidewalk, 6" Reinforced	441.00	100%
38	Gravel Surfacing, Temporary (Under	-1,716.00	100%
39	Gravel Surfacing, Permanent	-6,299.30	100%
40	Abandon Water Service (Disconnect	0.00	100%
41	Type C Retaining Wall	393.47	100%
42	Imported Borrow Material (Trench)	-1,250.00	100%
43	Sodding & Fertilizing	-897.60	100%
44	Erosion & Water Pollution Control	0.00	100%
45	Erosion & Water Pollution Control Pla	0.00	100%
46	Post Construction Erosion Control	0.00	100%
47	Traffic Control Plan	0.00	100%
48	Traffic Control	0.00	100%
49	Street Maintenance	0.00	100%
50	Relocate Water Service	1,571.79	100%
51	Liquidated Damages	-1,350.00	100%
		(\$28,999.43)	