

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**EAST ST. JOSEPH STREET OVERLAY AND WATER MAIN RECONSTRUCTION**  
**PROJECT NO. 11-1908 / CIP NO. 50801**  
**OCTOBER 12, 2012**  
**ORIGINAL CONTRACT AMOUNT: \$1,276,888.27**  
**CONTRACTOR: HILLS MATERIALS COMPANY**

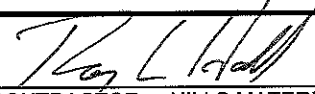


LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$13,500.00	\$13,500.00	1.00	\$13,500.00	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$3,300.00	\$3,300.00	1.00	\$3,300.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$5,200.00	\$5,200.00	1.00	\$5,200.00	\$0.00
4	PAVEMENT SAWING	LF	8,880.00	\$1.00	\$8,880.00	4,305.00	\$4,305.00	(\$4,575.00)
5	REMOVE FIRE HYDRANT & AUXILIARY VALVE	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
6	REMOVE BOLLARDS	EA	2.00	\$25.00	\$50.00	2.00	\$50.00	\$0.00
7	REMOVE AND DISPOSE AC PAVEMENT	SY	4,686.00	\$3.12	\$14,620.32	4,072.70	\$12,706.82	(\$1,913.50)
8	REMOVE AND DISPOSE PCC PAVEMENT	SY	337.00	\$6.30	\$2,123.10	337.00	\$2,123.10	\$0.00
9	REMOVE AND DISPOSE CURB AND GUTTER	LF	171.00	\$2.50	\$427.50	215.20	\$538.00	\$110.50
10	REMOVE AND DISPOSE CONCRETE SIDEWALK	SF	495.00	\$1.50	\$742.50	1,120.50	\$1,680.75	\$938.25
11	REMOVE AND DISPOSE 12" PVC WATER MAIN	LF	30.00	\$6.35	\$190.50	0.00	\$0.00	(\$190.50)
12	ABANDON VALVE BOX	EA	6.00	\$100.00	\$600.00	4.00	\$400.00	(\$200.00)
13	PIPELINE ENCASEMENT	LF	418.00	\$28.25	\$11,808.50	381.00	\$10,763.25	(\$1,045.25)
14	CONTROLLED LOW STRENGTH MATERIAL (TRENCH)	CY	45.00	\$100.00	\$4,500.00	0.00	\$0.00	(\$4,500.00)
15	AASHTO T-180 SOIL TEST	EA	4.00	\$175.00	\$700.00	3.00	\$525.00	(\$175.00)
16	16" DUCTILE IRON WATER MAIN (CLASS 350) (WITH TYPE 1 BEDDING)	LF	214.00	\$190.00	\$40,660.00	205.00	\$38,950.00	(\$1,710.00)
17	16" PVC WATER MAIN (C-905, DR-18) (WITH TYPE 1 BEDDING)	LF	4,013.00	\$50.00	\$200,650.00	4,013.00	\$200,650.00	\$0.00
18	12" PVC WATER MAIN (C-900, DR-18) (WITH TYPE 1 BEDDING)	LF	82.00	\$46.00	\$3,772.00	76.00	\$3,496.00	(\$276.00)
19	8" PVC WATER MAIN (C-900, DR-18) (WITH TYPE 1 BEDDING)	LF	14.00	\$50.00	\$700.00	11.00	\$550.00	(\$150.00)
20	6" PVC WATER MAIN (C-900 DR-18) HYDRANT LEADS (WITH TYPE 1 BEDDING)	LF	224.00	\$35.00	\$7,840.00	204.00	\$7,140.00	(\$700.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
21	14" x 14" TAPPING SLEEVE AND VALVE	1.00	1.00	\$12,650.00	\$12,650.00	1.00	\$12,650.00	\$0.00
22	16" x 14" REDUCER	EA	1.00	\$765.00	\$765.00	1.00	\$765.00	\$0.00
23	16" X 12" TEE	EA	2.00	\$1,650.00	\$3,300.00	2.00	\$3,300.00	\$0.00
24	16" X 8" TEE	EA	2.00	\$1,500.00	\$3,000.00	1.00	\$1,500.00	(\$1,500.00)
25	16" X 6" TEE	EA	7.00	\$1,250.00	\$8,750.00	8.00	\$10,000.00	\$1,250.00
26	16" - 45 DEGREE BEND	EA	2.00	\$1,685.00	\$3,370.00	2.00	\$3,370.00	\$0.00
27	16" MJ PLUG	EA	1.00	\$650.00	\$650.00	1.00	\$650.00	\$0.00
28	12" X 6" TEE	EA	1.00	\$865.00	\$865.00	1.00	\$865.00	\$0.00
29	12" MJ CAP	EA	1.00	\$865.00	\$865.00	1.00	\$865.00	\$0.00
30	12" 11 1/4 DEGREE BEND	EA	1.00	\$2,100.00	\$2,100.00	1.00	\$2,100.00	\$0.00
31	16" HD COUPLING	EA	10.00	\$960.00	\$9,600.00	0.00	\$0.00	(\$9,600.00)
32	12" HD COUPLING	EA	1.00	\$500.00	\$500.00	0.00	\$0.00	(\$500.00)
33	8" HD COUPLING	EA	1.00	\$265.00	\$265.00	1.00	\$265.00	\$0.00
34	6" HD COUPLING	EA	2.00	\$190.00	\$380.00	2.00	\$380.00	\$0.00
35	8" MJ PLUG	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
36	6" 22 1/2 DEGREE BEND	EA	4.00	\$275.00	\$1,100.00	4.00	\$1,100.00	\$0.00
37	16" GATE VALVE AND BOX	EA	14.00	\$9,100.00	\$127,400.00	14.00	\$127,400.00	\$0.00
38	12" GATE VALVE AND BOX	EA	3.00	\$4,500.00	\$13,500.00	3.00	\$13,500.00	\$0.00
39	8" GATE VALVE AND BOX	EA	1.00	\$2,900.00	\$2,900.00	0.00	\$0.00	(\$2,900.00)
40	6" GATE VALVE AND BOX	EA	2.00	\$1,250.00	\$2,500.00	2.00	\$2,500.00	\$0.00
41	FIRE HYDRANT WITH AUXILIARY VALVE	EA	8.00	\$4,300.00	\$34,400.00	8.00	\$34,400.00	\$0.00
42	HYDRANT BOLLARDS	EA	8.00	\$565.00	\$4,520.00	8.00	\$4,520.00	\$0.00
43	1" CURB STOP & BOX	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
44	1" TAPPING SADDLE AND CORPORATION STOP	EA	1.00	\$425.00	\$425.00	1.00	\$425.00	\$0.00
45	RECONNECT TO EXISTING WATER MAIN	EA	3.00	\$1,250.00	\$3,750.00	4.00	\$5,000.00	\$1,250.00
46	RECONNECT TO EXISTING WATER SERVICE	EA	1.00	\$75.00	\$75.00	1.00	\$75.00	\$0.00
47	1" COPPER SERVICE	LF	20.00	\$52.65	\$1,053.00	25.00	\$1,316.25	\$263.25
48	TEMPORARY	TON	100.00	\$24.00	\$2,400.00	0.00	\$0.00	(\$2,400.00)
49	CATHODIC PROTECTION TEST STATIONS	EA	5.00	\$335.00	\$1,675.00	5.00	\$1,675.00	\$0.00
50	CATHODIC PROTECTION	LS	1.00	\$37,500.00	\$37,500.00	1.00	\$37,500.00	\$0.00
51	TYPE I BEDDING MATERIAL	TON	100.00	\$20.40	\$2,040.00	0.00	\$0.00	(\$2,040.00)
52	TYPE II BEDDING MATERIAL	TON	50.00	\$17.50	\$875.00	27.50	\$481.25	(\$393.75)
53	TYPE III BEDDING MATERIAL	TON	50.00	\$23.00	\$1,150.00	0.00	\$0.00	(\$1,150.00)
54	IMPORTED TRENCH BACKFILL	CY	200.00	\$13.75	\$2,750.00	0.00	\$0.00	(\$2,750.00)
55	DISPOSE OF CONTAMINATED WATER	Mgal	10.00	\$575.00	\$5,750.00	0.00	\$0.00	(\$5,750.00)
56	DISPOSE OF CONTAMINATED SOIL	TON	200.00	\$30.00	\$6,000.00	0.00	\$0.00	(\$6,000.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
57	GEOTEXTILE SUBGRADE REINFORCING FABRIC	SY	4,724.00	\$4.60	\$21,730.40	4,035.10	\$18,561.46	(\$3,168.94)
58	SEEDING, FERTILIZING AND MULCHING	SY	1,147.00	\$1.25	\$1,433.75	1,147.00	\$1,433.75	\$0.00
59	EROSION AND WATER POLLUTION CONTROL	LS	1.00	\$6,800.00	\$6,800.00	1.00	\$6,800.00	\$0.00
60	1" AGGREGATE BASE COURSE	TON	2,328.00	\$20.25	\$47,142.00	2,004.00	\$40,581.00	(\$6,561.00)
61	MILL AND REMOVE AC PAVEMENT (1" TO 2")	SY	19,512.00	\$1.65	\$32,194.80	23,040.00	\$38,016.00	\$5,821.20
62	ASPHALT CRACK SEALING	LF	800.00	\$3.25	\$2,600.00	0.00	\$0.00	(\$2,600.00)
63	BITUMINOUS TACK COAT	GAL	1,127.00	\$5.35	\$6,029.45	1,910.20	\$10,219.57	\$4,190.12
64	CRACK RELIEF MEMBRANE, 18"	LF	500.00	\$2.50	\$1,250.00	1,410.00	\$3,525.00	\$2,275.00
65	ASPHALT CONCRETE COMPOSITE, CLASS G, TYPE 1, PG 64-22 (PATCH)	TON	2,010.00	\$66.66	\$133,986.60	1,913.80	\$127,573.91	(\$6,412.69)
66	ASPHALT CONCRETE COMPOSITE, CLASS G, TYPE 2, PG 64-22 (OVERLAY)	TON	2,582.00	\$68.45	\$176,737.90	2,663.90	\$182,343.96	\$5,606.06
67	PCC PAVEMENT 10" NON-REINFORCED	SY	40.00	\$80.00	\$3,200.00	21.30	\$1,704.00	(\$1,496.00)
68	PCC PAVEMENT 6" NON-REINFORCED	SY	34.00	\$60.00	\$2,040.00	0.00	\$0.00	(\$2,040.00)
69	CONCRETE CURB AND GUTTER, B66	LF	149.00	\$20.00	\$2,980.00	231.70	\$4,634.00	\$1,654.00
70	CONCRETE P-GUTTER	LF	22.00	\$20.00	\$440.00	0.00	\$0.00	(\$440.00)
71	CONCRETE SIDEWALK, 4" NON-REINFORCED	SF	454.00	\$8.50	\$3,859.00	1,077.56	\$9,159.26	\$5,300.26
72	FURNISH TRAFFIC SIGNAL EQUIPMENT	LS	1.00	\$6,700.00	\$6,700.00	1.00	\$6,700.00	\$0.00
73	TRAFFIC CONTROL	LS	1.00	\$33,750.00	\$33,750.00	1.00	\$33,750.00	\$0.00
74	FLAGGING	HRS	3,000.00	\$25.00	\$75,000.00	235.00	\$5,875.00	(\$69,125.00)
75	ARROW PANEL	EA	4.00	\$550.00	\$2,200.00	4.00	\$2,200.00	\$0.00
76	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2.00	\$7,600.00	\$15,200.00	2.00	\$15,200.00	\$0.00
77	ADDITIONAL TRAFFIC CONTROL	LS	0.00	\$650.00	\$0.00	1.00	\$650.00	\$650.00
78	TEMPORARY STRIPING	LS	0.00	\$221.00	\$0.00	1.00	\$221.00	\$221.00
79	EXPLATORY EXC	LS	0.00	\$525.00	\$0.00	1.00	\$525.00	\$525.00
80	8" 45 DEGREE BENDS	EA	0.00	\$500.00	\$0.00	2.00	\$1,000.00	\$1,000.00
81	G2 TO G1 MIX DEDUCT	TN	0.00	(\$1.79)	\$0.00	2,663.90	(\$4,768.38)	(\$4,768.38)
82	PIPE CREDIT	LS	0.00	(\$2,464.24)	\$0.00	1.00	(\$2,464.24)	(\$2,464.24)
	<b>ALTERNATE NUMBER TWO</b>							

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
A2.1	GROOVING FOR COLD APPLIED PLASTIC MARKING, 4"	LF	13,514.00	\$3.00	\$40,542.00	11,782.00	\$35,346.00	(\$5,196.00)
A2.2	GROOVING FOR COLD APPLIED PLASTIC MARKING, 12"	LF	149.00	\$7.65	\$1,139.85	145.00	\$1,109.25	(\$30.60)
A2.3	GROOVING FOR COLD APPLIED PLASTIC MARKING, 24"	LF	44.00	\$27.25	\$1,199.00	64.00	\$1,744.00	\$545.00
A2.4	GROOVING FOR COLD APPLIED PLASTIC MARKING, ARROW	LF	20.00	\$190.00	\$3,800.00	22.00	\$4,180.00	\$380.00
A2.5	COLD APPLIED PLASTIC PAVEMENT MARKING 4"	LF	13,514.00	\$0.65	\$8,784.10	11,782.00	\$7,658.30	(\$1,125.80)
A2.6	COLD APPLIED PLASTIC PAVEMENT MARKING 12"	LF	149.00	\$2.00	\$298.00	145.00	\$290.00	(\$8.00)
A2.7	COLD APPLIED PLASTIC PAVEMENT MARKING 24"	LF	44.00	\$4.00	\$176.00	64.00	\$256.00	\$80.00
A2.8	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	LF	20.00	\$110.00	\$2,200.00	22.00	\$2,420.00	\$220.00
<b>ALTERNATE NUMBER THREE</b>								
A3.1	PG-70-28 ASPHALT BINDER ADDITIONAL COST PER TON (OVERLAY)	TON	2,582.00	\$9.00	\$23,238.00	2,663.90	\$23,975.10	\$737.10
<b>TOTAL</b>							<b>\$1,154,049.36</b>	<b>(\$122,838.91)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$1,276,888.27
CCO #1 <i>F</i>	(\$122,838.91)	NET INCREASE/(DECREASE):	(\$122,838.91)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$1,154,049.36
	\$0.00	CHANGE TO DATE:	(\$122,838.91)

	11/9/12
CONTRACTOR: HILLS MATERIALS COMPANY	DATE
	11/8/12
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
	11-9-12
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: SAM KOOIKER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +: 8	NEW CONTRACT TIME: 8 Days - September 13, 2012

City Staff recommends approval of this Change Order #1F to Hills Materials Company for a decrease of \$122,838.91 based on unit pricing with the following appropriation:

Initial Funding	\$1,010,049.37	\$250,138.90	\$16,700.00		\$1,276,888.27
Fund Type	Water	Streets	Traffic		
Department	0933	8910	0101		
Line Item	4381	4370	4254		
Fund	0602	0505	0205		
CCO #1 <i>F</i>	(\$114,482.54)	(\$7,517.27)	(\$839.10)		(\$122,838.91)
					\$0.00
					\$0.00
Adjusted Funding	\$895,566.83	\$242,621.63	\$15,860.90	\$1,154,049.36	\$1,154,049.36

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F  
EAST ST. JOSEPH STREET OVERLAY AND WATER MAIN RECONSTRUCTION  
PROJECT NO. 11-1908 / CIP NO. 50801  
OCTOBER 12, 2012  
ORIGINAL CONTRACT AMOUNT: \$1,276,888.27  
CONTRACTOR: HILLS MATERIALS COMPANY**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	PAVEMENT SAWING	Used asphalt mill for initial saving.
7	REMOVE AND DISPOSE AC PAVEMENT	Actual quantity needed to complete project.
9	REMOVE AND DISPOSE CURB AND GUTTER	Actual quantity needed to complete project.
10	REMOVE AND DISPOSE CONCRETE SIDEWALK	Actual quantity needed to complete project.
11	REMOVE AND DISPOSE 12" PVC WATER MAIN	Did not need to remove.
12	ABANDON VALVE BOX	Actual quantity needed to complete project.
13	PIPELINE ENCASEMENT	Actual quantity needed to complete project.
14	CONTROLLED LOW STRENGTH MATERIAL (TRENCH)	None needed on project.
15	AASHTO T-180 SOIL TEST	Actual quantity needed to complete project.
16	16" DUCTILE IRON WATER MAIN (CLASS 350) (WITH TYPE 1 BEDDING)	Actual quantity needed to complete project.
18	12" PVC WATER MAIN (C-900, DR-18) (WITH TYPE 1 BEDDING)	Actual quantity needed to complete project.
19	8" PVC WATER MAIN (C-900, DR-18) (WITH TYPE 1 BEDDING)	Actual quantity needed to complete project.
20	6" PVC WATER MAIN (C-900 DR-18) HYDRANT LEADS (WITH TYPE 1 BEDDING)	Actual quantity needed to complete project.
24	16" X 8" TEE	Actual quantity needed to complete project.
25	16" X 6" TEE	Actual quantity needed to complete project.
31	16" HD COUPLING	None needed on project.
32	12" HD COUPLING	None needed on project.

39	8" GATE VALVE AND BOX	None needed on project.
45	RECONNECT TO EXISTING WATER MAIN	Actual quantity needed to complete project.
47	1" COPPER SERVICE	Actual quantity needed to complete project.
48	GRAVEL SURFACING, TEMPORARY	Base course was used and incorporated into road base.
51	TYPE I BEDDING MATERIAL	None needed on project.
52	TYPE II BEDDING MATERIAL	Actual quantity needed to complete project.
53	TYPE III BEDDING MATERIAL	None needed on project.
54	IMPORTED TRENCH BACKFILL	None needed on project.
55	DISPOSE OF CONTAMINATED WATER	None needed on project.
56	DISPOSE OF CONTAMINATED SOIL	None needed on project.
57	GEOTEXTILE SUBGRADE REINFORCING FABRIC	Actual quantity needed to complete project.
60	1" AGGREGATE BASE COURSE	Actual quantity needed to complete project.
61	MILL AND REMOVE AC PAVEMENT (1" TO 2")	Actual quantity milled - it was surveyed for quantity.
62	ASPHALT CRACK SEALING	None needed on project.
63	BITUMINOUS TACK COAT	Actual quantity used due to larger area than plans specified.
64	CRACK RELIEF MEMBRANE, 18"	There were more large cracks than estimated.
65	ASPHALT CONCRETE COMPOSITE, CLASS G, TYPE 1, PG 64-22 (PATCH)	Actual quantity needed to complete project.
66	ASPHALT CONCRETE COMPOSITE, CLASS G, TYPE 2, PG 64-22 (OVERLAY)	Actual quantity needed to complete project.
67	PCC PAVEMENT 10" NON-REINFORCED	Actual quantity needed to complete project.
68	PCC PAVEMENT 6" NON-REINFORCED	None needed on project.
69	CONCRETE CURB AND GUTTER, B66	Actual quantity needed to complete project.
70	CONCRETE P-GUTTER	Actual quantity needed to complete project.
71	CONCRETE SIDEWALK, 4" NON-REINFORCED	Repaired some extra sidewalk.

74	FLAGGING	Actual quantity needed to complete project.
A2.1	GROOVING FOR COLD APPLIED PLASTIC MARKING, 4"	Actual quantity needed to complete project.
A2.2	GROOVING FOR COLD APPLIED PLASTIC MARKING, 12"	Actual quantity needed to complete project.
A2.3	GROOVING FOR COLD APPLIED PLASTIC MARKING, 24"	Actual quantity needed to complete project.
A2.4	GROOVING FOR COLD APPLIED PLASTIC MARKING, ARROW	Actual quantity needed to complete project.
A2.5	COLD APPLIED PLASTIC PAVEMENT MARKING 4"	Actual quantity needed to complete project.
A2.6	COLD APPLIED PLASTIC PAVEMENT MARKING 12"	Actual quantity needed to complete project.
A2.7	COLD APPLIED PLASTIC PAVEMENT MARKING 24"	Actual quantity needed to complete project.
A2.8	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	Actual quantity needed to complete project.
A3.1	PG-70-28 ASPHALT BINDER ADDITIONAL COST PER TON (OVERLAY)	Actual quantity needed to complete project.
77	ADDITIONAL TRAFFIC CONTROL	Needed to do full closure on Cherry Street to replace valve.
78	TEMPORARY STRIPING	Needed to add for intersection of St. Pat and St. Joe.
79	EXPLATORY EXC	Encasement under railroad track extended further than plans showed so had to move into Cherry St.
80	8" 45 DEGREE BENDS	Needed to tie in existing water line.
81	G2 TO G1 MIX DEDUCT	Felt the G1 was a better wear course of asphalt.
82	PIPE CREDIT	Use of East lock pipe to reduce restraints and anodes.

PREPARED BY: Klare Schroeder, P.E.

DATE: October 12, 2012



		Water		Streets		Traffic		
		0933		8910		101		
		4381		4370		4254		
		0602		0505		0205		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	80%	0.00	20%	0.00	0%	100.00%
2	INCIDENTAL WORK	0.00	80%	0.00	20%	0.00	0%	100.00%
3	CONSTRUCTION STAKING	0.00	80%	0.00	20%	0.00	0%	100.00%
4	PAVEMENT SAWING	-4,575.00	100%	0.00	0%	0.00	0%	100.00%
5	REMOVE FIRE HYDRANT & AUXILIARY	0.00	100%	0.00	0%	0.00	0%	100.00%
6	REMOVE BOLLARDS	0.00	100%	0.00	0%	0.00	0%	100.00%
7	REMOVE AND DISPOSE AC PAVEMENT	-1,913.50	100%	0.00	0%	0.00	0%	100.00%
8	REMOVE AND DISPOSE PCC PAVEMENT	0.00	100%	0.00	0%	0.00	0%	100.00%
9	REMOVE AND DISPOSE CURB AND GUTTER	110.50	100%	0.00	0%	0.00	0%	100.00%
10	REMOVE AND DISPOSE CONCRETE	938.25	100%	0.00	0%	0.00	0%	100.00%
11	REMOVE AND DISPOSE 12" PVC WATER MAIN	-190.50	100%	0.00	0%	0.00	0%	100.00%
12	ABANDON VALVE BOX	-200.00	100%	0.00	0%	0.00	0%	100.00%
13	PIPELINE ENCASEMENT	-1,045.25	100%	0.00	0%	0.00	0%	100.00%
14	CONTROLLED LOW STRENGTH MATERIAL	-4,500.00	100%	0.00	0%	0.00	0%	100.00%
15	AASHTO T-180 SOIL TEST	-175.00	100%	0.00	0%	0.00	0%	100.00%
16	16" DUCTILE IRON WATER MAIN (C-905, DR-15)	-1,710.00	100%	0.00	0%	0.00	0%	100.00%
17	16" PVC WATER MAIN (C-905, DR-15)	0.00	100%	0.00	0%	0.00	0%	100.00%
18	12" PVC WATER MAIN (C-900, DR-15)	-276.00	100%	0.00	0%	0.00	0%	100.00%
19	8" PVC WATER MAIN (C-900, DR-15)	-150.00	100%	0.00	0%	0.00	0%	100.00%
20	6" PVC WATER MAIN (C-900 DR-15)	-700.00	100%	0.00	0%	0.00	0%	100.00%

21	14" x 14" TAPPING SLEEVE AND V	0.00	100%	0.00	0%	0.00	0%	100.00%
22	16" x 14" REDUCER	0.00	100%	0.00	0%	0.00	0%	100.00%
23	16" X 12" TEE	0.00	100%	0.00	0%	0.00	0%	100.00%
24	16" X 8" TEE	-1,500.00	100%	0.00	0%	0.00	0%	100.00%
25	16" X 6" TEE	1,250.00	100%	0.00	0%	0.00	0%	100.00%
26	16" - 45 DEGREE BEND	0.00	100%	0.00	0%	0.00	0%	100.00%
27	16" MJ PLUG	0.00	100%	0.00	0%	0.00	0%	100.00%
28	12" X 6" TEE	0.00	100%	0.00	0%	0.00	0%	100.00%
29	12" MJ CAP	0.00	100%	0.00	0%	0.00	0%	100.00%
30	12" 11 1/4 DEGREE BEND	0.00	100%	0.00	0%	0.00	0%	100.00%
31	16" HD COUPLING	-9,600.00	100%	0.00	0%	0.00	0%	100.00%
32	12" HD COUPLING	-500.00	100%	0.00	0%	0.00	0%	100.00%
33	8" HD COUPLING	0.00	100%	0.00	0%	0.00	0%	100.00%
34	6" HD COUPLING	0.00	100%	0.00	0%	0.00	0%	100.00%
35	8" MJ PLUG	0.00	100%	0.00	0%	0.00	0%	100.00%
36	6" 22 1/2 DEGREE BEND	0.00	100%	0.00	0%	0.00	0%	100.00%
37	16" GATE VALVE AND BOX	0.00	100%	0.00	0%	0.00	0%	100.00%
38	12" GATE VALVE AND BOX	0.00	100%	0.00	0%	0.00	0%	100.00%
39	8" GATE VALVE AND BOX	-2,900.00	100%	0.00	0%	0.00	0%	100.00%
40	6" GATE VALVE AND BOX	0.00	100%	0.00	0%	0.00	0%	100.00%
41	FIRE HYDRANT WITH AUXILIARY V	0.00	100%	0.00	0%	0.00	0%	100.00%
42	HYDRANT BOLLARDS	0.00	100%	0.00	0%	0.00	0%	100.00%
43	1" CURB STOP & BOX	0.00	100%	0.00	0%	0.00	0%	100.00%
44	1" TAPPING SADDLE AND CORPO	0.00	100%	0.00	0%	0.00	0%	100.00%
45	RECONNECT TO EXISTING WATER	1,250.00	100%	0.00	0%	0.00	0%	100.00%
46	RECONNECT TO EXISTING WATER	0.00	100%	0.00	0%	0.00	0%	100.00%
47	1" COPPER SERVICE	263.25	100%	0.00	0%	0.00	0%	100.00%
48	GRAVEL SURFACING, TEMPORAR	-2,400.00	100%	0.00	0%	0.00	0%	100.00%
49	CATHODIC PROTECTION TEST ST	0.00	100%	0.00	0%	0.00	0%	100.00%
50	CATHODIC PROTECTION	0.00	100%	0.00	0%	0.00	0%	100.00%
51	TYPE I BEDDING MATERIAL	-2,040.00	100%	0.00	0%	0.00	0%	100.00%
52	TYPE II BEDDING MATERIAL	-393.75	100%	0.00	0%	0.00	0%	100.00%
53	TYPE III BEDDING MATERIAL	-1,150.00	100%	0.00	0%	0.00	0%	100.00%
54	IMPORTED TRENCH BACKFILL	-2,750.00	100%	0.00	0%	0.00	0%	100.00%
55	DISPOSE OF CONTAMINATED WA	-5,750.00	100%	0.00	0%	0.00	0%	100.00%
56	DISPOSE OF CONTAMINATED SOI	-6,000.00	100%	0.00	0%	0.00	0%	100.00%
57	GEOTEXTILE SUBGRADE REINFC	-3,168.94	100%	0.00	0%	0.00	0%	100.00%

58	SEEDING, FERTILIZING AND MULC	0.00	100%	0.00	0%	0.00	0%	100.00%
59	EROSION AND WATER POLLUTIO	0.00	80%	0.00	20%	0.00	0%	100.00%
60	1" AGGREGATE BASE COURSE	-6,561.00	100%	0.00	0%	0.00	0%	100.00%
61	MILL AND REMOVE AC PAVEMEN	1,455.30	25%	4,365.90	75%	0.00	0%	100.00%
62	ASPHALT CRACK SEALING	0.00	0%	-2,600.00	100%	0.00	0%	100.00%
63	BITUMINOUS TACK COAT	0.00	0%	4,190.12	100%	0.00	0%	100.00%
64	CRACK RELIEF MEMBRANE, 18"	0.00	0%	2,275.00	100%	0.00	0%	100.00%
65	ASPHALT CONCRETE COMPOSITE	-6,412.69	100%	0.00	0%	0.00	0%	100.00%
66	ASPHALT CONCRETE COMPOSITE	1,401.52	25%	4,204.55	75%	0.00	0%	100.00%
67	PCC PAVEMENT 10" NON-REINFC	-1,496.00	100%	0.00	0%	0.00	0%	100.00%
68	PCC PAVEMENT 6" NON-REINFOR	-2,040.00	100%	0.00	0%	0.00	0%	100.00%
69	CONCRETE CURB AND GUTTER, E	1,654.00	100%	0.00	0%	0.00	0%	100.00%
70	CONCRETE P-GUTTER	-440.00	100%	0.00	0%	0.00	0%	100.00%
71	CONCRETE SIDEWALK, 4" NON-R	5,300.26	100%	0.00	0%	0.00	0%	100.00%
72	FURNISH TRAFFIC SIGNAL EQUIP	0.00	0%	0.00	0%	0.00	100%	100.00%
73	TRAFFIC CONTROL	0.00	80%	0.00	20%	0.00	0%	100.00%
74	FLAGGING	-55,300.00	80%	-13,825.00	20%	0.00	0%	100.00%
75	ARROW PANEL	0.00	80%	0.00	20%	0.00	0%	100.00%
76	PORTABLE CHANGEABLE MESSA	0.00	80%	0.00	20%	0.00	0%	100.00%
77	ADDITIONAL TRAFFIC CONTROL	650.00	100%	0.00	0%	0.00	0%	100%
78	TEMPORARY STRIPING	176.80	80%	0.00	0%	44.20	20%	100%
79	EXPLATORY EXC	525.00	100%	0.00	0%	0.00	0%	100%
80	8" 45 DEGREE BENDS	1,000.00	100%	0.00	0%	0.00	0%	100%
81	G2 TO G1 MIX DEDUCT	-1,192.10	25%	-3,576.29	75%	0.00	0%	100%
82	PIPE CREDIT	-2,464.24	100%	0.00	0%	0.00	0%	100%
								0.00%
A2.1	GROOVING FOR COLD APPLIED P	-1,161.31	22.4%	-3,140.98	60.5%	-893.71	17.2%	100.00%
A2.2	GROOVING FOR COLD APPLIED P	-6.85	22.4%	-18.48	60.4%	-5.26	17.2%	100.00%

A2.3	GROOVING FOR COLD APPLIED P	122.08	22.4%	329.18	60.4%	93.74	17.2%	100.00%
A2.4	GROOVING FOR COLD APPLIED P	85.12	22.4%	229.52	60.4%	65.36	17.2%	100.00%
A2.5	COLD APPLIED PLASTIC PAVEME	-252.18	22.4%	-679.98	60.4%	-193.64	17.2%	100.00%
A2.6	COLD APPLIED PLASTIC PAVEME	-1.79	22.4%	-4.83	60.4%	-1.38	17.2%	100.00%
A2.7	COLD APPLIED PLASTIC PAVEME	17.92	22.4%	48.32	60.4%	13.76	17.2%	100.00%
A2.8	COLD APPLIED PLASTIC PAVEME	49.28	22.4%	132.88	60.4%	37.84	17.2%	100.00%
A3.1	PG-70-28 ASPHALT BINDER ADDIT	184.28	25%	552.82	75%	0.00	0%	100%
		(\$114,482.54)		(\$7,517.27)		(\$839.10)		(\$122,838.91)