

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER - FUNDING
HYLAND DRIVE WATER MAIN LOOP AND SANITARY SEWER EXTENSION
PROJECT NO. 14-2140 / CIP NO. 50823**


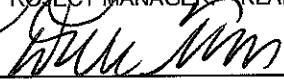
APRIL 24, 2015

**ORIGINAL CONTRACT AMOUNT: \$261,649.80
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	\$8,000.00	\$8,000.00	1.00	\$8,000.00	\$0.00
2	INCIDENTAL	LS	1.00	\$12,000.00	\$12,000.00	1.00	\$12,000.00	\$0.00
3	AASHTO T-180 SOIL TEST	EA	2.00	\$175.00	\$350.00	2.00	\$350.00	\$0.00
4	TRAFFIC CONTROL	LS	1.00	\$4,865.00	\$4,865.00	1.00	\$4,865.00	\$0.00
5	CLEARING AND GRUBBING	LS	1.00	\$4,000.00	\$4,000.00	1.00	\$4,000.00	\$0.00
6	REMOVE CURB STOP AND BOX	EA	1.00	\$125.00	\$125.00	1.00	\$125.00	\$0.00
7	SAWING, ASPHALT PAVEMENT	LF	149.00	\$3.00	\$447.00	149.00	\$447.00	\$0.00
8	CURB & GUTTER	LF	30.00	\$5.00	\$150.00	30.00	\$150.00	\$0.00
9	REMOVE ASPHALT PAVEMENT	SY	1,631.00	\$6.80	\$11,090.80	1,631.00	\$11,090.80	\$0.00
10	GUTTER	LF	64.00	\$11.00	\$704.00	64.00	\$704.00	\$0.00
11	EXCAVATION, UNCLASSIFIED	CY	295.00	\$30.00	\$8,850.00	295.00	\$8,850.00	\$0.00
12	(TRENCH)	CY	25.00	\$37.00	\$925.00	25.00	\$925.00	\$0.00
13	(GRADING)	CY	20.00	\$37.00	\$740.00	20.00	\$740.00	\$0.00
14	TYPE I BEDDING	TON	20.00	\$30.00	\$600.00	20.00	\$600.00	\$0.00
15	TYPE II FOUNDATION MATERIAL	TON	6.00	\$35.00	\$210.00	6.00	\$210.00	\$0.00
16	TYPE III FOUNDATION MATERIAL	TON	6.00	\$38.00	\$228.00	6.00	\$228.00	\$0.00
17	DIGOUTS WITH TYPE 4	CY	20.00	\$45.00	\$900.00	20.00	\$900.00	\$0.00
18	TOPSOIL, FURNISH & PLACE	CY	7.00	\$95.00	\$665.00	7.00	\$665.00	\$0.00
19	TOPSOIL, PLACE	CY	15.00	\$62.00	\$930.00	15.00	\$930.00	\$0.00
20	TOPSOIL, SALVAGE	CY	15.00	\$75.00	\$1,125.00	15.00	\$1,125.00	\$0.00
21	CO-COMPOST	TON	3.00	\$130.00	\$390.00	3.00	\$390.00	\$0.00
22	MULCHING	SY	135.00	\$13.00	\$1,755.00	135.00	\$1,755.00	\$0.00
23	EXCAVATION, ROCK (TRENCH)	CY	150.00	\$150.00	\$22,500.00	150.00	\$22,500.00	\$0.00
24	BACKFILL MATERIAL (TRENCH)	CY	15.00	\$160.00	\$2,400.00	15.00	\$2,400.00	\$0.00
25	DR18 (6'-8')	LF	100.00	\$55.00	\$5,500.00	100.00	\$5,500.00	\$0.00
26	DR18 (8'-10')	LF	15.00	\$55.00	\$825.00	15.00	\$825.00	\$0.00
27	TERMINATION MANHOLE, 48"	EA	1.00	\$4,175.00	\$4,175.00	1.00	\$4,175.00	\$0.00
28	EXTRA MANHOLE DEPTH, 48"	VF	2.50	\$550.00	\$1,375.00	2.50	\$1,375.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	CONNECT TO EXISTING MANHOLE	EA	1.00	\$1,300.00	\$1,300.00	1.00	\$1,300.00	\$0.00
30	4" PVC SEWER CLEANOUT	EA	1.00	\$160.00	\$160.00	1.00	\$160.00	\$0.00
31	4" PVC SEWER SERVICE LINE	LF	26.00	\$50.00	\$1,300.00	26.00	\$1,300.00	\$0.00
32	6" PVC WATER MAIN C-900, DR 18	LF	29.00	\$80.00	\$2,320.00	29.00	\$2,320.00	\$0.00
33	8" PVC WATER MAIN C-900, DR 18	LF	622.00	\$65.00	\$40,430.00	622.00	\$40,430.00	\$0.00
34	8" 11.25 DEGREE BEND	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
35	8" 90 DEGREE BEND	EA	1.00	\$825.00	\$825.00	1.00	\$825.00	\$0.00
36	8" HIGH DEFLECTION COUPLING	EA	2.00	\$75.00	\$150.00	2.00	\$150.00	\$0.00
37	8"X6" REDUCER	EA	3.00	\$590.00	\$1,770.00	3.00	\$1,770.00	\$0.00
38	8"X8"X6" TEE	EA	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
39	8"X8"X8" TEE	EA	2.00	\$1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00
40	8" GATE VALVE W/BOX	EA	3.00	\$2,000.00	\$6,000.00	3.00	\$6,000.00	\$0.00
41	BOX	EA	1.00	\$5,500.00	\$5,500.00	1.00	\$5,500.00	\$0.00
42	1" COPPER SERVICE	LF	36.00	\$40.00	\$1,440.00	36.00	\$1,440.00	\$0.00
43	1" TAPPING SADDLE	EA	1.00	\$475.00	\$475.00	1.00	\$475.00	\$0.00
44	1" CURB STOP & BOX	EA	1.00	\$650.00	\$650.00	1.00	\$650.00	\$0.00
45	MAIN	EA	2.00	\$1,100.00	\$2,200.00	2.00	\$2,200.00	\$0.00
46	RECONNECT WATER SERVICE	EA	1.00	\$220.00	\$220.00	1.00	\$220.00	\$0.00
47	CAP EXISTING WATER MAIN, 8"	EA	1.00	\$300.00	\$300.00	1.00	\$300.00	\$0.00
48	STATION	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
49	GEOWEB GW30V, 4" DEPTH	SY	42.00	\$40.00	\$1,680.00	42.00	\$1,680.00	\$0.00
50	ROCK CONSTRUCTION ENTRANCE	EA	1.00	\$785.00	\$785.00	1.00	\$785.00	\$0.00
51	9" WATTLES	LF	50.00	\$5.90	\$295.00	50.00	\$295.00	\$0.00
52	REMOVE SEDIMENT CONTROL WATTLES	LF	50.00	\$1.20	\$60.00	50.00	\$60.00	\$0.00
53	GRAVEL FILTER SOCK	LF	40.00	\$5.90	\$236.00	40.00	\$236.00	\$0.00
54	AGGREGATE BASE COURSE, 1"	TON	620.00	\$39.50	\$24,490.00	620.00	\$24,490.00	\$0.00
55	TEMPORARY, 1" BASE COURSE	TON	86.00	\$39.50	\$3,397.00	86.00	\$3,397.00	\$0.00
56	AC, CLASS G, TYPE 1 PG64-28	TON	516.00	\$102.00	\$52,632.00	516.00	\$52,632.00	\$0.00
57	CONCRETE CURB & GUTTER, TYPE B6-6	LF	64.00	\$35.00	\$2,240.00	64.00	\$2,240.00	\$0.00
58	GRADING	LS	1.00	\$8,500.00	\$8,500.00	1.00	\$8,500.00	\$0.00
59	TRACER WIRE BOX	EA	3.00	\$140.00	\$420.00	3.00	\$420.00	\$0.00
60	WATER MAIN CONCRETE ENCASEMENT	EA	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
TOTAL					\$261,649.80		\$261,649.80	\$0.00

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$261,649.80
CCO - FUNDING	\$0.00	NET INCREASE/(DECREASE):	\$0.00
	\$0.00	ADJUSTED CONTRACT PRICE:	\$261,649.80
	\$0.00	CHANGE TO DATE:	\$0.00

	PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE	5/1/15
	CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE	5-4-15
	MAYOR: SAM KOOIKER	DATE	
	FINANCE: PAULINE SUMPTION	DATE	
	CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME:	Days

City Staff recommends approval of this Change Order to reallocate funding:

Initial Funding	\$42,935.77	\$218,714.03			\$261,649.80
Fund Type	Sanitary Sewer	Water			
Department	0834	0933			
Line Item	4380	4381			
Fund	0604	0602			
CCO #1	(\$26,416.27)	\$26,416.27			\$0.00
					\$0.00
					\$0.00
Adjusted Funding	\$16,519.50	\$245,130.30		\$261,649.80	\$261,649.80

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER - FUNDING
HYLAND DRIVE WATER MAIN LOOP AND SANITARY SEWER EXTENSION
PROJECT NO. 14-2140 / CIP NO. 50823
APRIL 24, 2015
ORIGINAL CONTRACT AMOUNT: \$261,649.80
CONTRACTOR: HILLS MATERIALS COMPANY

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
		Several line items were not needed for sewer main construction, so funding was adjusted accordingly.

		Sanitary Sewer		Water		
		0834		0933		
		4380		4381		
		0604		0602		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	7%	0.00	93%	100%
2	INCIDENTAL	0.00	7%	0.00	93%	100%
3	AASHTO T-180 SOIL TEST	0.00	7%	0.00	93%	100%
4	TRAFFIC CONTROL	0.00	0%	0.00	100%	100%
5	CLEARING AND GRUBBING	0.00	0%	0.00	100%	100%
6	REMOVE CURB STOP AND BOX	0.00	0%	0.00	100%	100%
7	SAWING, ASPHALT PAVEMENT	0.00	0%	0.00	100%	100%
8	SAWING, CONCRETE PAVEMENT	0.00	0%	0.00	100%	100%
9	REMOVE ASPHALT PAVEMENT	0.00	0%	0.00	100%	100%
10	REMOVE CONCRETE CURB & GUT	0.00	16%	0.00	84%	100%
11	EXCAVATION, UNCLASSIFIED	0.00	0%	0.00	100%	100%
12	IMPORTED BACKFILL MATERIAL (0.00	0%	0.00	100%	100%
13	IMPORTED BACKFILL MATERIAL (0.00	0%	0.00	100%	100%
14	TYPE I BEDDING	0.00	0%	0.00	100%	100%
15	TYPE II FOUNDATION MATERIAL	0.00	0%	0.00	100%	100%
16	TYPE III FOUNDATION MATERIAL	0.00	0%	0.00	100%	100%
17	UNCLASSIFIED EXCAVATION - DIC	0.00	0%	0.00	100%	100%
18	TOPSOIL, FURNISH & PLACE	0.00	0%	0.00	100%	100%
19	TOPSOIL, PLACE	0.00	0%	0.00	100%	100%
20	TOPSOIL, SALVAGE	0.00	0%	0.00	100%	100%
21	CO-COMPOST	0.00	0%	0.00	100%	100%
22	SEEDING, FERTILIZING & MULCHI	0.00	0%	0.00	100%	100%
23	EXCAVATION, ROCK (TRENCH)	0.00	0%	0.00	100%	100%
24	CONTROLLED LOW STRENGTH BA	0.00	0%	0.00	100%	100%
25	8" PVC SEWER MAIN, BLUE C900 I	0.00	100%	0.00	0%	100%
26	8" PVC SEWER MAIN, BLUE C900 I	0.00	100%	0.00	0%	100%
27	TERMINATION MANHOLE, 48"	0.00	100%	0.00	0%	100%
28	EXTRA MANHOLE DEPTH, 48"	0.00	100%	0.00	0%	100%

29	CONNECT TO EXISTING MANHOLE	0.00	100%	0.00	0%	100%
30	4" PVC SEWER CLEANOUT	0.00	100%	0.00	0%	100%
31	4" PVC SEWER SERVICE LINE	0.00	100%	0.00	0%	100%
32	6" PVC WATER MAIN C-900, DR 18	0.00	0%	0.00	100%	100%
33	8" PVC WATER MAIN C-900, DR 18	0.00	0%	0.00	100%	100%
34	8" 11.25 DEGREE BEND	0.00	0%	0.00	100%	100%
35	8" 90 DEGREE BEND	0.00	0%	0.00	100%	100%
36	8" HIGH DEFLECTION COUPLING	0.00	0%	0.00	100%	100%
37	8"X6" REDUCER	0.00	0%	0.00	100%	100%
38	8"X8"X6" TEE	0.00	0%	0.00	100%	100%
39	8"X8"X8" TEE	0.00	0%	0.00	100%	100%
40	8" GATE VALVE W/BOX	0.00	0%	0.00	100%	100%
41	FIRE HYDRANT W/AUX VALVE & B	0.00	0%	0.00	100%	100%
42	1" COPPER SERVICE	0.00	0%	0.00	100%	100%
43	1" TAPPING SADDLE	0.00	0%	0.00	100%	100%
44	1" CURB STOP & BOX	0.00	0%	0.00	100%	100%
45	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	100%
46	RECONNECT WATER SERVICE	0.00	0%	0.00	100%	100%
47	CAP EXISTING WATER MAIN, 8"	0.00	0%	0.00	100%	100%
48	CATHODIC CONTROL TEST STATI	0.00	0%	0.00	100%	100%
49	GEOWEB GW30V, 4" DEPTH	0.00	0%	0.00	100%	100%
50	ROCK CONSTRUCTION ENTRANC	0.00	0%	0.00	100%	100%
51	9" WATTLES	0.00	0%	0.00	100%	100%
52	REMOVE SEDIMENT CONTROL W	0.00	0%	0.00	100%	100%
53	GRAVEL FILTER SOCK	0.00	0%	0.00	100%	100%
54	AGGREGATE BASE COURSE, 1"	0.00	0%	0.00	100%	100%
55	GRAVEL SURFACING, TEMPORAR	0.00	0%	0.00	100%	100%
56	AC, CLASS G, TYPE 1 PG64-28	0.00	0%	0.00	100%	100%
57	CONCRETE CURB & GUTTER, TYF	0.00	16%	0.00	84%	100%
58	GRADING	0.00	0%	0.00	100%	100%
59	TRACER WIRE BOX	0.00	0%	0.00	100%	100%
60	WATER MAIN CONCRETE ENCASE	0.00	0%	0.00	100%	100%
		\$0.00		\$0.00		\$0.00



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Public Works Department
Engineering Services Division

300 Sixth Street

Telephone: (605) 394-4154 FAX: (605) 355-3083

Web: www.rcgov.org

MEMORANDUM

TO: Amber Sitts
FROM: Michelle Lashley
SUBJECT: Hyland Drive Water Main Loop and Sanitary Sewer Extension -
Project no. 14-2140 / CIP No. 50823 Funding Allocation

DATE: 4/24/15

I received a request to provide an estimate of the cost that will be paid by the property owner that will benefit from the sewer extension in the above project. Upon review of the project book, I noted that way the sewer allocations were done for this project were not in accordance with other projects of a similar nature. For example, in other projects where the City has reconstructed the street, the properties that benefit from a utility extension were not allocated street reconstruction costs. Because this project was a water project, water was paying for the entire street to be reconstructed between the curb and gutter. For this reason, it does not seem appropriate for the property owner to pay for any street reconstruction costs, with the exception of the curb and gutter required for the sewer service line. Likewise, the water for this project is the reason for all of the erosion control and traffic control. I have provided updated allocations to reflect these assumptions.



EQUAL HOUSING
OPPORTUNITY

EQUAL OPPORTUNITY EMPLOYER

FUNDING BREAKDOWN
IVE WATER MAIN LOOP AND SANITARY SEWER EXTENSION - PROJECT NO. 14-2140 / CI
CONTRACTOR: UNIT COST

FUNDING TYPE	Sanitary Sewer	Water
COST CENTER	833 / 834	933 / 934
LINE ITEM	4380	4381
FUND	0604	0602

ITEM NO.	DESCRIPTION OF ITEM	CURRENT CONTRACT				#REF!	DESCRIPTION OF ITEM	Sanitary Sewer		Water		
		UNIT	QUANTITY	COST PER UNIT	TOTAL COST			AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	LS	1.00	8000.00	8,000.00	#REF!	MOBILIZATION	1,280.00	7 46%	6,720.00	93 84%	100%
2	INCIDENTAL	LS	1.00	12000.00	12,000.00	#REF!	INCIDENTAL	1,920.00	7 16%	10,080.00	93 84%	100%
3	AASHTO T-180 SOIL TEST	EA	2.00	175.00	350.00	#REF!	AASHTO T-180 SOIL TEST	56.00	7 46%	294.00	100 84%	100%
4	TRAFFIC CONTROL	LS	1.00	4865.00	4,865.00	#REF!	TRAFFIC CONTROL	778.40	0 46%	4,086.60	100 84%	100%
5	CLEARING AND GRUBBING	LS	1.00	4000.00	4,000.00	#REF!	CLEARING AND GRUBBING	640.00	0 46%	3,360.00	100 84%	100%
6	REMOVE CURB STOP AND BOX	EA	1.00	125.00	125.00	#REF!	REMOVE CURB STOP AND BOX	0.00		125.00	100%	100%
7	SAWING, ASPHALT PAVEMENT	LF	149.00	3.00	447.00	#REF!	SAWING, ASPHALT PAVEMENT	71.52	0 46%	375.48	100 84%	100%
8	SAWING, CONCRETE PAVEMENT / CURB & GUTTER	LF	30.00	5.00	150.00	#REF!	SAWING, CONCRETE PAVEMENT / CURB & GUTTER	24.00	0 46%	126.00	100 84%	100%
9	REMOVE ASPHALT PAVEMENT	SY	1,631.00	6.80	11,090.80	#REF!	REMOVE ASPHALT PAVEMENT	1,774.53	0 46%	9,316.27	100 84%	100%
10	REMOVE CONCRETE CURB & GUTTER	LF	64.00	11.00	704.00	#REF!	REMOVE CONCRETE CURB & GUTTER	110.00 442.64	15.625 46%	591.36	84.375 84%	100%
* 11	EXCAVATION, UNCLASSIFIED	CY	295.00	30.00	8,850.00	#REF!	EXCAVATION, UNCLASSIFIED	1,416.00	0 46%	7,434.00	100 84%	100%
* 12	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	25.00	37.00	925.00	#REF!	IMPORTED BACKFILL MATERIAL (TRENCH)	148.00	0 46%	777.00	100 84%	100%
* 13	IMPORTED BACKFILL MATERIAL (GRADING)	CY	20.00	37.00	740.00	#REF!	IMPORTED BACKFILL MATERIAL (GRADING)	118.40	0 46%	621.60	100 84%	100%
* 14	TYPE 1 BEDDING	TON	20.00	30.00	600.00	#REF!	TYPE 1 BEDDING	96.00	0 46%	504.00	100 84%	100%
* 15	TYPE II FOUNDATION MATERIAL	TON	6.00	35.00	210.00	#REF!	TYPE II FOUNDATION MATERIAL	33.60	0 46%	176.40	100 84%	100%
* 16	TYPE III FOUNDATION MATERIAL	TON	6.00	38.00	228.00	#REF!	TYPE III FOUNDATION MATERIAL	36.48	0 46%	191.52	100 84%	100%
* 17	UNCLASSIFIED EXCAVATION - DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL	CY	20.00	45.00	900.00	#REF!	UNCLASSIFIED EXCAVATION - DIGOUTS WITH TYPE 4	144.00	0 46%	756.00	100 84%	100%
18	TOPSOIL, FURNISH & PLACE	CY	7.00	95.00	665.00	#REF!	TOPSOIL, FURNISH & PLACE	106.40	0 46%	558.60	100 84%	100%
19	TOPSOIL, PLACE	CY	15.00	62.00	930.00	#REF!	TOPSOIL, PLACE	148.80	0 46%	781.20	100 84%	100%
20	TOPSOIL, SALVAGE	CY	15.00	75.00	1,125.00	#REF!	TOPSOIL, SALVAGE	180.00	0 46%	945.00	100 84%	100%
21	CO-COMPOST	TON	3.00	130.00	390.00	#REF!	CO-COMPOST	62.40	0 46%	327.60	100 84%	100%
22	SEEDING, FERTILIZING & MULCHING	SY	135.00	13.00	1,755.00	#REF!	SEEDING, FERTILIZING & MULCHING	280.80	0 46%	1,474.20	100 84%	100%
* 23	EXCAVATION, ROCK (TRENCH)	CY	150.00	150.00	22,500.00	#REF!	EXCAVATION, ROCK (TRENCH)	3,600.00	0 46%	18,900.00	100 84%	100%
24	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	15.00	160.00	2,400.00	#REF!	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	384.00	0 46%	2,016.00	100 84%	100%
25	8" PVC SEWER MAIN, BLUE C900 DR18 (6'-8')	LF	100.00	55.00	5,500.00	#REF!	8" PVC SEWER MAIN, BLUE C900 DR18 (6'-8')	5,500.00	100%	0.00		100%

ITEM NO.	DESCRIPTION OF ITEM	CURRENT CONTRACT				#REF!	DESCRIPTION OF ITEM	FUND		0604		0602		
		UNIT	QUANTITY	COST PER UNIT	TOTAL COST			AMOUNT	PERCENT	AMOUNT	PERCENT			
26	8" PVC SEWER MAIN, BLUE C900 DR18 (8'-10')	LF	15.00	55.00	825.00	#REF!	8" PVC SEWER MAIN, BLUE C900 DR18 (8'-10')	825.00	100%	0.00			100%	
27	TERMINATION MANHOLE, 48"	EA	1.00	4175.00	4,175.00	#REF!	TERMINATION MANHOLE, 48"	4,175.00	100%	0.00			100%	
28	EXTRA MANHOLE DEPTH, 48"	VF	2.50	550.00	1,375.00	#REF!	EXTRA MANHOLE DEPTH, 48"	1,375.00	100%	0.00			100%	
29	CONNECT TO EXISTING MANHOLE	EA	1.00	1300.00	1,300.00	#REF!	CONNECT TO EXISTING MANHOLE	1,300.00	100%	0.00			100%	
30	4" PVC SEWER CLEANOUT	EA	1.00	160.00	160.00	#REF!	4" PVC SEWER CLEANOUT	160.00	100%	0.00			100%	
31	4" PVC SEWER SERVICE LINE	LF	26.00	50.00	1,300.00	#REF!	4" PVC SEWER SERVICE LINE	1,300.00	100%	0.00			100%	
32	6" PVC WATER MAIN C-900, DR 18	LF	29.00	80.00	2,320.00	#REF!	6" PVC WATER MAIN C-900, DR 18	0.00		2,320.00	100%		100%	
33	8" PVC WATER MAIN C-900, DR 18	LF	622.00	65.00	40,430.00	#REF!	8" PVC WATER MAIN C-900, DR 18	0.00		40,430.00	100%		100%	
34	8" 11.25 DEGREE BEND	EA	1.00	750.00	750.00	#REF!	8" 11.25 DEGREE BEND	0.00		750.00	100%		100%	
35	8" 90 DEGREE BEND	EA	1.00	825.00	825.00	#REF!	8" 90 DEGREE BEND	0.00		825.00	100%		100%	
36	8" HIGH DEFLECTION COUPLING	EA	2.00	75.00	150.00	#REF!	8" HIGH DEFLECTION COUPLING	0.00		150.00	100%		100%	
37	8"X6" REDUCER	EA	3.00	590.00	1,770.00	#REF!	8"X6" REDUCER	0.00		1,770.00	100%		100%	
38	8"X8"X6" TEE	EA	1.00	1000.00	1,000.00	#REF!	8"X8"X6" TEE	0.00		1,000.00	100%		100%	
39	8"X8"X8" TEE	EA	2.00	1000.00	2,000.00	#REF!	8"X8"X8" TEE	0.00		2,000.00	100%		100%	
40	8" GATE VALVE W/BOX	EA	3.00	2000.00	6,000.00	#REF!	8" GATE VALVE W/BOX	0.00		6,000.00	100%		100%	
41	FIRE HYDRANT W/AUX VALVE & BOX	EA	1.00	5500.00	5,500.00	#REF!	FIRE HYDRANT W/AUX VALVE & BOX	0.00		5,500.00	100%		100%	
42	1" COPPER SERVICE	LF	36.00	40.00	1,440.00	#REF!	1" COPPER SERVICE	0.00		1,440.00	100%		100%	
43	1" TAPPING SADDLE	EA	1.00	475.00	475.00	#REF!	1" TAPPING SADDLE	0.00		475.00	100%		100%	
44	1" CURB STOP & BOX	EA	1.00	650.00	650.00	#REF!	1" CURB STOP & BOX	0.00		650.00	100%		100%	
45	CONNECT TO EXISTING WATER MAIN	EA	2.00	1100.00	2,200.00	#REF!	CONNECT TO EXISTING WATER MAIN	0.00		2,200.00	100%		100%	
46	RECONNECT WATER SERVICE	EA	1.00	220.00	220.00	#REF!	RECONNECT WATER SERVICE	0.00		220.00	100%		100%	
47	CAP EXISTING WATER MAIN, 8"	EA	1.00	300.00	300.00	#REF!	CAP EXISTING WATER MAIN, 8"	0.00		300.00	100%		100%	
48	CATHODIC CONTROL TEST STATION	EA	2.00	400.00	800.00	#REF!	CATHODIC CONTROL TEST STATION	0.00		800.00	100%		100%	
49	GEOWEB GW30V, 4" DEPTH	SY	42.00	40.00	1,680.00	#REF!	GEOWEB GW30V, 4" DEPTH	0.00		1,680.00	100%		100%	
50	ROCK CONSTRUCTION ENTRANCE	EA	1.00	785.00	785.00	#REF!	ROCK CONSTRUCTION ENTRANCE	125.60	16%	659.40	84%		100%	
51	9" WATTLES	LF	50.00	5.90	295.00	#REF!	9" WATTLES	47.20	16%	247.80	84%		100%	
52	REMOVE SEDIMENT CONTROL WATTLES	LF	50.00	1.20	60.00	#REF!	REMOVE SEDIMENT CONTROL WATTLES	9.60	16%	50.40	84%		100%	

