

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F

Wildwood Drive Reconstruction Project - Phase 1

PROJECT NO. 13-2118 / CIP NO. 50453

JANUARY 22, 2016

ORIGINAL CONTRACT AMOUNT: \$918,011.18

CONTRACTOR: SITE WORKS SPECIALISTS, INC


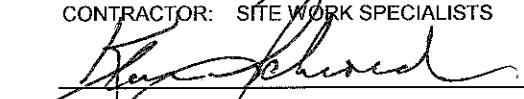

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
	COMPLETION)							
1	MOBILIZATION	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$15,000.00	\$15,000.00	1.00	\$15,000.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
4	REESTABLISH PROPERTY CORNERS	EA	3.00	\$325.00	\$975.00	4.00	\$1,300.00	\$325.00
5	CLEARING & GRUBBING	LS	1.00	\$40,000.00	\$40,000.00	1.00	\$40,000.00	\$0.00
6	REMOVE FIRE HYDRANT AND AUX. VALVE	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
7	REMOVE SANITARY SEWER	LF	20.00	\$15.00	\$300.00	20.00	\$300.00	\$0.00
8	REMOVE PIPE CULVERT	LF	188.00	\$15.00	\$2,820.00	158.00	\$2,370.00	(\$450.00)
9	REMOVE AC PAVEMENT	SY	1,937.00	\$6.50	\$12,590.50	1,900.00	\$12,350.00	(\$240.50)
10	REMOVE PCC PAVEMENT	SY	225.40	\$9.00	\$2,028.60	225.40	\$2,028.60	\$0.00
11	REMOVE PCC APPROACH PAVEMENT	SY	13.20	\$30.00	\$396.00	13.20	\$396.00	\$0.00
12	REMOVE PCC SIDEWALK	SY	38.40	\$2.00	\$76.80	38.40	\$76.80	\$0.00
13	REMOVE TRAFFIC SIGN	EA	2.00	\$90.00	\$180.00	2.00	\$180.00	\$0.00
14	REMOVE, SALVAGE, RELOCATE, AND RESET TRAFFIC SIGN	EA	2.00	\$175.00	\$350.00	2.00	\$350.00	\$0.00
15	REMOVE SILT FENCE	LF	1,009.00	\$1.15	\$1,160.35	0.00	\$0.00	(\$1,160.35)
16	TOPSOIL, FURNISH & PLACE	CY	518.00	\$26.00	\$13,468.00	540.00	\$14,040.00	\$572.00
17	EXCAVATION, UNCLASSIFIED	CY	2,544.00	\$6.00	\$15,264.00	2,250.00	\$13,500.00	(\$1,764.00)
18	ROCK EXCAVATION	CY	1,750.00	\$40.00	\$70,000.00	0.00	\$0.00	(\$70,000.00)
19	BORROW EXCAVATION	CY	1,204.00	\$13.50	\$16,254.00	600.00	\$8,100.00	(\$8,154.00)
20	WATER MAIN CONCRETE ENCASEMENT	FT	177.00	\$40.00	\$7,080.00	177.00	\$7,080.00	\$0.00
21	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	160.00	\$15.00	\$2,400.00	0.00	\$0.00	(\$2,400.00)
22	TYPE I BEDDING MATERIAL	T	100.00	\$26.00	\$2,600.00	0.00	\$0.00	(\$2,600.00)
23	TYPE II FOUNDATION MATERIAL	T	100.00	\$26.00	\$2,600.00	0.00	\$0.00	(\$2,600.00)
24	CONTROLLED LOW STRENGTH BACKFILL	CY	20.00	\$130.00	\$2,600.00	0.00	\$0.00	(\$2,600.00)
25	ADJUST WATER VALVE BOX	EA	2.00	\$50.00	\$100.00	2.00	\$100.00	\$0.00
26	6" RJ PVC WATER MAIN C-900, DR-18	LF	35.00	\$40.00	\$1,400.00	35.00	\$1,400.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
27	8" RJ PVC WATER MAIN C-900, DR-18	LF	806.00	\$50.00	\$40,300.00	806.00	\$40,300.00	\$0.00
28	12" RJ PVC WATER MAIN C-900, DR-18	LF	10.00	\$90.00	\$900.00	10.00	\$900.00	\$0.00
29	16" RJ PVC WATER MAIN C-905, DR-18	LF	871.00	\$100.00	\$87,100.00	871.00	\$87,100.00	\$0.00
30	6" 45 DEGREE BEND	EA	2.00	\$400.00	\$800.00	0.00	\$0.00	(\$800.00)
31	8" 11.25 DEGREE BEND	EA	4.00	\$450.00	\$1,800.00	4.00	\$1,800.00	\$0.00
32	8" 22.5 DEGREE BEND	EA	3.00	\$450.00	\$1,350.00	3.00	\$1,350.00	\$0.00
33	8" 45 DEGREE BEND	EA	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00
34	16" 11.25 DEGREE BEND	EA	4.00	\$1,200.00	\$4,800.00	4.00	\$4,800.00	\$0.00
35	16" 22.5 DEGREE BEND	EA	3.00	\$1,200.00	\$3,600.00	3.00	\$3,600.00	\$0.00
36	16" 45 DEGREE BEND	EA	1.00	\$1,200.00	\$1,200.00	1.00	\$1,200.00	\$0.00
37	16" 90 DEGREE BEND	EA	1.00	\$1,350.00	\$1,350.00	1.00	\$1,350.00	\$0.00
38	8" COUPLING	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
39	8" MJ PLUG	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
40	12" MJ PLUG	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
41	16" MJ PLUG	EA	2.00	\$550.00	\$1,100.00	2.00	\$1,100.00	\$0.00
42	8" X 8" X 6" TEE	EA	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00
43	8" X 8" X 8" TEE	EA	2.00	\$600.00	\$1,200.00	2.00	\$1,200.00	\$0.00
44	12" X 12" X 6" TEE	EA	1.00	\$850.00	\$850.00	1.00	\$850.00	\$0.00
45	12" X 12" X 8" TEE	EA	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00
46	16" X 16" X 6" TEE	EA	1.00	\$1,400.00	\$1,400.00	1.00	\$1,400.00	\$0.00
47	16" X 16" X 8" TEE	EA	2.00	\$1,500.00	\$3,000.00	2.00	\$3,000.00	\$0.00
48	8" GATE VALVE W/BOX	EA	3.00	\$1,650.00	\$4,950.00	3.00	\$4,950.00	\$0.00
49	12" GATE VALVE W/BOX	EA	1.00	\$2,750.00	\$2,750.00	1.00	\$2,750.00	\$0.00
50	16" GATE VALVE W/BOX	EA	2.00	\$7,000.00	\$14,000.00	2.00	\$14,000.00	\$0.00
51	FIRE HYDRANT W/AUX VALVE & BOX	EA	3.00	\$4,700.00	\$14,100.00	3.00	\$14,100.00	\$0.00
52	CONNECT TO EXISTING WATER MAIN	EA	2.00	\$800.00	\$1,600.00	2.00	\$1,600.00	\$0.00
53	1" COPPER SERVICE	LF	144.00	\$45.00	\$6,480.00	144.00	\$6,480.00	\$0.00
54	1" TAPPING SADDLE	EA	3.00	\$450.00	\$1,350.00	3.00	\$1,350.00	\$0.00
55	1" CURB STOP & BOX	EA	3.00	\$300.00	\$900.00	3.00	\$900.00	\$0.00
56	CATHODIC PROTECTION TEST STATION	LS	2.00	\$300.00	\$600.00	2.00	\$600.00	\$0.00
57	TRACER WIRE BOXES	EA	3.00	\$115.00	\$345.00	3.00	\$345.00	\$0.00
58	4" PVC SEWER SERVICE LINE	LF	211.00	\$60.00	\$12,660.00	211.00	\$12,660.00	\$0.00
59	4" SEWER SERVICE CLEANOUT	EA	7.00	\$200.00	\$1,400.00	7.00	\$1,400.00	\$0.00
60	8" PVC SEWER MAIN (8'-10')	LF	531.00	\$50.00	\$26,550.00	531.00	\$26,550.00	\$0.00
61	8" PVC SEWER MAIN (10'-12')	LF	275.00	\$60.00	\$16,500.00	275.00	\$16,500.00	\$0.00
62	STANDARD MANHOLE, 48"	EA	5.00	\$3,000.00	\$15,000.00	5.00	\$15,000.00	\$0.00
63	DROP MANHOLE, 48"	EA	1.00	\$5,500.00	\$5,500.00	1.00	\$5,500.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
64	EXTRA MANHOLE DEPTH, 48"	VF	26.30	\$200.00	\$5,260.00	26.30	\$5,260.00	\$0.00
65	CONNECT TO EXISTING SEWER MAIN	EA	1.00	\$650.00	\$650.00	1.00	\$650.00	\$0.00
66	15" RCP, CLASS II	LF	82.00	\$47.00	\$3,854.00	82.00	\$3,854.00	\$0.00
67	18" RCP, CLASS II	LF	838.00	\$50.00	\$41,900.00	838.00	\$41,900.00	\$0.00
68	30" ARCH RC PIPE, CLASS II	LF	56.00	\$120.00	\$6,720.00	56.00	\$6,720.00	\$0.00
69	30" ARCH FLARED END SECTION	EA	2.00	\$1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00
70	18" RCP BEND	EA	3.00	\$800.00	\$2,400.00	3.00	\$2,400.00	\$0.00
71	RCP TEE	EA	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
72	TYPE "B" INLET	EA	9.00	\$3,600.00	\$32,400.00	11.00	\$39,600.00	\$7,200.00
73	IRRIGATED LAWN MIX	SY	482.00	\$0.35	\$168.70	94.00	\$32.90	(\$135.80)
74	ROAD DITCH MIX	SY	4,044.00	\$0.35	\$1,415.40	4,432.00	\$1,551.20	\$135.80
75	BONDED FIBER MATRIX	LB	3,202.00	\$3.50	\$11,207.00	3,262.00	\$11,417.00	\$210.00
76	TYPE 3 EROSION CONTROL BLANKET	SY	3,130.00	\$3.50	\$10,955.00	3,122.00	\$10,927.00	(\$28.00)
77	MAT	SY	456.00	\$12.00	\$5,472.00	591.67	\$7,100.04	\$1,628.04
78	12" DIAMETER SEDIMENT CONTROL WATTLE	LF	865.00	\$8.00	\$6,920.00	119.00	\$952.00	(\$5,968.00)
79	REMOVE AND RESET SEDIMENT CONTROL WATTLE	LF	250.00	\$3.50	\$875.00	90.00	\$315.00	(\$560.00)
80	REMOVE AND RESET GRAVEL FILTER SOCKS	EA	55.00	\$2.00	\$110.00	53.00	\$106.00	(\$4.00)
81	SURFACE ROUGHENING	AC	0.40	\$700.00	\$280.00	0.40	\$280.00	\$0.00
82	LOW FLOW SILT FENCE	LF	843.00	\$8.00	\$6,744.00	867.00	\$6,936.00	\$192.00
83	HIGH FLOW SILT FENCE	LF	166.00	\$6.00	\$996.00	20.00	\$120.00	(\$876.00)
84	INLET PROTECTION DEVICE	EA	7.00	\$200.00	\$1,400.00	7.00	\$1,400.00	\$0.00
85	GRAVEL FILTER SOCK	LF	55.00	\$6.00	\$330.00	56.00	\$336.00	\$6.00
86	TEMPORARY SEDIMENT TRAP	CY	8.00	\$100.00	\$800.00	8.00	\$800.00	\$0.00
87	VEHICLE TRACKING CONTROL	EA	2.00	\$1,000.00	\$2,000.00	0.00	\$0.00	(\$2,000.00)
88	WATER FOR DUST CONTROL	MGAL	100.00	\$15.00	\$1,500.00	10.00	\$150.00	(\$1,350.00)
89	STREET SWEEPING	HR	8.00	\$200.00	\$1,600.00	2.00	\$400.00	(\$1,200.00)
90	CLASS III RIPRAP	TON	43.00	\$65.00	\$2,795.00	49.21	\$3,198.65	\$403.65
91	DRAINAGE FABRIC	SY	51.10	\$1.00	\$51.10	51.10	\$51.10	\$0.00
92	TEMPORARY GRAVEL SURFACING	TON	200.00	\$35.00	\$7,000.00	24.64	\$862.40	(\$6,137.60)
93	AGGREGATE BASE COURSE, 1"	T	1,375.00	\$30.00	\$41,250.00	1,220.43	\$36,612.90	(\$4,637.10)
94	GRAVEL CUSHION, 3/4"	T	62.00	\$35.00	\$2,170.00	62.00	\$2,170.00	\$0.00
95	GRAVEL SUFACING	T	44.00	\$35.00	\$1,540.00	0.00	\$0.00	(\$1,540.00)
96	AC, CLASS G, TYPE 1 PG70-28	T	620.00	\$110.00	\$68,200.00	580.20	\$63,822.00	(\$4,378.00)
97	PCC PAVEMENT, 8" NON-REINFORCED	SY	114.80	\$90.00	\$10,332.00	114.80	\$10,332.00	\$0.00
98	CONCRETE CURB & GUTTER, TYPE B66	LF	1,469.00	\$20.00	\$29,380.00	1,469.00	\$29,380.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
99	CONCRETE CURB & GUTTER, TYPE B68	LF	63.00	\$25.50	\$1,606.50	63.00	\$1,606.50	\$0.00
100	CONCRETE "P6" GUTTER	LF	183.00	\$30.00	\$5,490.00	183.00	\$5,490.00	\$0.00
101	REINFORCED	SY	37.30	\$100.00	\$3,730.00	37.30	\$3,730.00	\$0.00
102	DOWEL BAR	EA	137.00	\$18.00	\$2,466.00	96.00	\$1,728.00	(\$738.00)
103	PCC APPROACH PAVEMENT, 6" NONREINFORCED	SY	76.30	\$80.00	\$6,104.00	76.30	\$6,104.00	\$0.00
104	PCC SIDEWALK, 4" NONREINFORCED	SF	509.00	\$11.00	\$5,599.00	480.60	\$5,286.60	(\$312.40)
105	DETECTABLE WARNING PANEL	SF	32.00	\$45.00	\$1,440.00	32.00	\$1,440.00	\$0.00
106	GEOGRID REINFORCEMENT	SY	2,200.00	\$1.75	\$3,850.00	0.00	\$0.00	(\$3,850.00)
107	W-BEAM STEEL GUARDRAIL	LF	337.50	\$41.00	\$13,837.50	337.50	\$13,837.50	\$0.00
108	W BEAM GUARDRAIL TANGENT END TERMINAL	EA	2.00	\$3,500.00	\$7,000.00	2.00	\$7,000.00	\$0.00
109	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	LF	160.00	\$4.75	\$760.00	111.00	\$527.25	(\$232.75)
110	COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	LF	195.00	\$14.00	\$2,730.00	81.00	\$1,134.00	(\$1,596.00)
111	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	LF	20.00	\$28.25	\$565.00	13.50	\$381.38	(\$183.62)
112	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	LF	160.00	\$1.15	\$184.00	111.00	\$127.65	(\$56.35)
113	GROOVE FOR COLD APPLIED PLASTIC MARKING, 12"	LF	195.00	\$3.50	\$682.50	81.00	\$283.50	(\$399.00)
114	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	LF	20.00	\$7.00	\$140.00	13.50	\$94.50	(\$45.50)
115	ROAD SIGN	SF	11.30	\$58.75	\$663.88	11.30	\$663.88	\$0.00
116	SIGN POST	LF	25.00	\$32.50	\$812.50	25.00	\$812.50	\$0.00
117	FLAGGING	HR	200.00	\$32.50	\$6,500.00	40.00	\$1,300.00	(\$5,200.00)
118	TRAFFIC CONTROL	UNIT	799.00	\$1.15	\$918.85	799.00	\$918.85	\$0.00
119	TRAFFIC CONTROL, MISC	LS	1.00	\$5,300.00	\$5,300.00	1.00	\$5,300.00	\$0.00
120	CONTRACTOR FURNISHED PORTABLE CHANGEABLE MESSAGE SIGN	EA	3.00	\$6,000.00	\$18,000.00	3.00	\$18,000.00	\$0.00
121	REMOVE AND RESET MAILBOX	EA	4.00	\$400.00	\$1,600.00	5.00	\$2,000.00	\$400.00
122	WATER MAIN INSULATION	SF	207.00	\$4.00	\$828.00	206.80	\$827.20	(\$0.80)
123	AASHTO T-180 SOIL TEST	EA	4.00	\$200.00	\$800.00	1.00	\$200.00	(\$600.00)
124	CONNECTION	EA	3.00	\$200.00	\$600.00	3.00	\$600.00	\$0.00
125	CONNECTION	EA	7.00	\$500.00	\$3,500.00	7.00	\$3,500.00	\$0.00
TOTAL					\$918,011.18		\$794,285.90	(\$123,725.28)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$918,011.18
CCO #1F	(\$123,725.28)	NET INCREASE/(DECREASE):	(\$123,725.28)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$794,285.90
	\$0.00	CHANGE TO DATE:	(\$123,725.28)

	2/4/16
CONTRACTOR: SITE WORK SPECIALISTS	DATE
	2/3/16
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
	2-4-16
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: STEVE ALLENDER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1F to Site Work Specialists for a decrease of \$123,725.28 based on unit pricing with the following appropriation:

Initial Funding	\$143,334.20	\$282,306.97	\$383,974.80	\$108,395.21		\$918,011.18
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	0834	0934	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1F	(\$41,927.13)	(\$43,816.09)	(\$44,239.60)	\$6,257.54		(\$123,725.28)
Adjusted Funding	\$101,407.07	\$238,490.88	\$339,735.20	\$114,652.75	\$794,285.90	\$794,285.90

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
Wildwood Drive Reconstruction Project - Phase 1
PROJECT NO. 13-2118 / CIP NO. 50453
JANUARY 22, 2016
ORIGINAL CONTRACT AMOUNT: \$918,011.18
CONTRACTOR: SITE WORKS SPECIALISTS, INC

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	REESTABLISH PROPERTY CORNERS	Actual quantity necessary to construct project in accordance with plans and specifications.
8	REMOVE PIPE CULVERT	Actual quantity necessary to construct project in accordance with plans and specifications.
9	REMOVE AC PAVEMENT	Actual quantity necessary to construct project in accordance with plans and specifications.
15	REMOVE SILT FENCE	None removed.
16	TOPSOIL, FURNISH & PLACE	Actual quantity necessary to construct project in accordance with plans and specifications.
17	EXCAVATION, UNCLASSIFIED	Actual quantity necessary to construct project in accordance with plans and specifications.
18	ROCK EXCAVATION	None removed.
19	BORROW EXCAVATION	None removed.
21	IMPORTED BACKFILL MATERIAL (TRENCH)	None used.
22	TYPE I BEDDING MATERIAL	None used.
23	TYPE II FOUNDATION MATERIAL	None used.
24	CONTROLLED LOW STRENGTH BACKFILL	None used.
30	6" 45 DEGREE BEND	None used.
72	TYPE "B" INLET	Installed area inlet instead of safety end due to hazard potential.
73	IRRIGATED LAWN MIX	Actual quantity necessary to construct project in accordance with plans and specifications.
74	ROAD DITCH MIX	Actual quantity necessary to construct project in accordance with plans and specifications.
75	BONDED FIBER MATRIX	Actual quantity necessary to construct project in accordance with plans and specifications.
76	TYPE 3 EROSION CONTROL BLANKET	Actual quantity necessary to construct project in accordance with plans and specifications.
77	TYPE 2 TURF REINFORCEMENT MAT	Actual quantity necessary to construct project in accordance with plans and specifications.
78	12" DIAMETER SEDIMENT CONTROL WATTLE	Actual quantity necessary to construct project in accordance with plans and specifications.

79	REMOVE AND RESET SEDIMENT CONTROL WATTLE	Actual quantity necessary to construct project in accordance with plans and specifications.
80	REMOVE AND RESET GRAVEL FILTER SOCKS	Actual quantity necessary to construct project in accordance with plans and specifications.
82	LOW FLOW SILT FENCE	Actual quantity necessary to construct project in accordance with plans and specifications.
83	HIGH FLOW SILT FENCE	Actual quantity necessary to construct project in accordance with plans and specifications.
85	GRAVEL FILTER SOCK	Actual quantity necessary to construct project in accordance with plans and specifications.
87	VEHICLE TRACKING CONTROL	None used.
88	WATER FOR DUST CONTROL	Actual quantity necessary to construct project in accordance with plans and specifications.
89	STREET SWEEPING	Actual quantity necessary to construct project in accordance with plans and specifications.
90	CLASS III RIPRAP	Actual quantity necessary to construct project in accordance with plans and specifications.
92	TEMPORARY GRAVEL SURFACING	Actual quantity necessary to construct project in accordance with plans and specifications.
93	AGGREGATE BASE COURSE, 1"	Actual quantity necessary to construct project in accordance with plans and specifications.
95	GRAVEL SUFACING	None used.
96	AC, CLASS G, TYPE 1 PG70-28	Actual quantity necessary to construct project in accordance with plans and specifications.
102	DOWEL BAR	Actual quantity necessary to construct project in accordance with plans and specifications.
104	PCC SIDEWALK, 4" NONREINFORCED	Actual quantity necessary to construct project in accordance with plans and specifications.
106	GEOGRID REINFORCEMENT	None used.
109	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	Actual quantity necessary to construct project in accordance with plans and specifications.
110	COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	Actual quantity necessary to construct project in accordance with plans and specifications.
111	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	Actual quantity necessary to construct project in accordance with plans and specifications.
112	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	Actual quantity necessary to construct project in accordance with plans and specifications.
113	GROOVE FOR COLD APPLIED PLASTIC MARKING, 12"	Actual quantity necessary to construct project in accordance with plans and specifications.
114	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	Actual quantity necessary to construct project in accordance with plans and specifications.
117	FLAGGING	Actual quantity necessary to construct project in accordance with plans and specifications.
122	WATER MAIN INSULATION	Actual quantity necessary to construct project in accordance with plans and specifications.
123	AASHTO T-180 SOIL TEST	Actual quantity necessary to construct project in accordance with plans and specifications.

PREPARED BY: Klare Schroeder, P.E.

DATE: December 22, 2015

FUNDING TYPE		Sanitary Sewer		Water		Streets		Drainage	
COST CENTER		0834		0934		8910		8911	
LINE ITEM		4380		4381		4370		4371	
FUND		0604		0602		0505		0505	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
									0%
1	MOBILIZATION	0.00	13%	0.00	30%	0.00	43%	0.00	14%
2	INCIDENTAL WORK	0.00	13%	0.00	30%	0.00	43%	0.00	14%
3	CONSTRUCTION STAKING	0.00	13%	0.00	30%	0.00	43%	0.00	14%
4	REESTABLISH PROPERTY CORNE	42.25	13%	97.50	30%	139.75	43%	45.50	14%
5	CLEARING & GRUBBING	0.00	0%	0.00	0%	0.00	100%	0.00	0%
6	REMOVE FIRE HYDRANT AND AUX	0.00	0%	0.00	100%	0.00	0%	0.00	0%
7	REMOVE SANITARY SEWER	0.00	100%	0.00	0%	0.00	0%	0.00	0%
8	REMOVE PIPE CULVERT	0.00	0%	0.00	0%	0.00	0%	-450.00	100%
9	REMOVE AC PAVEMENT	0.00	0%	0.00	0%	-240.50	100%	0.00	0%
10	REMOVE PCC PAVEMENT	0.00	0%	0.00	0%	0.00	100%	0.00	0%
11	REMOVE PCC APPROACH PAVEM	0.00	0%	0.00	0%	0.00	100%	0.00	0%
12	REMOVE PCC SIDEWALK	0.00	0%	0.00	0%	0.00	100%	0.00	0%
13	REMOVE TRAFFIC SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%
14	REMOVE, SALVAGE, RELOCATE, A	0.00	0%	0.00	0%	0.00	100%	0.00	0%
15	REMOVE SILT FENCE	-150.85	13%	-348.11	30%	-498.95	43%	-162.45	14%
16	TOPSOIL, FURNISH & PLACE	74.36	13%	171.60	30%	245.96	43%	80.08	14%
17	EXCAVATION, UNCLASSIFIED	0.00	0%	0.00	0%	-1,764.00	100%	0.00	0%
18	ROCK EXCAVATION	-35,000.00	50%	-35,000.00	50%	0.00	0%	0.00	0%
19	BORROW EXCAVATION	0.00	0%	0.00	0%	-8,154.00	100%	0.00	0%
20	WATER MAIN CONCRETE ENCASE	0.00	0%	0.00	100%	0.00	0%	0.00	0%
21	IMPORTED BACKFILL MATERIAL (-1,200.00	50%	-1,200.00	50%	0.00	0%	0.00	0%
22	TYPE I BEDDING MATERIAL	-1,300.00	50%	-1,300.00	50%	0.00	0%	0.00	0%
23	TYPE II FOUNDATION MATERIAL	-1,300.00	50%	-1,300.00	50%	0.00	0%	0.00	0%
24	CONTROLLED LOW STRENGTH B	-1,300.00	50%	-1,300.00	50%	0.00	0%	0.00	0%
25	ADJUST WATER VALVE BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%
26	6" RJ PVC WATER MAIN C-900, DR	0.00	0%	0.00	100%	0.00	0%	0.00	0%
27	8" RJ PVC WATER MAIN C-900, DR	0.00	0%	0.00	100%	0.00	0%	0.00	0%

28	12" RJ PVC WATER MAIN C-900, D	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
29	16" RJ PVC WATER MAIN C-905, D	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
30	6" 45 DEGREE BEND	0.00	0%	-800.00	100%	0.00	0%	0.00	0%	100%
31	8" 11.25 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
32	8" 22.5 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
33	8" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
34	16" 11.25 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
35	16" 22.5 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
36	16" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
37	16" 90 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
38	8" COUPLING	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
39	8" MJ PLUG	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
40	12" MJ PLUG	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
41	16" MJ PLUG	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
42	8" X 8" X 6" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
43	8" X 8" X 8" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
44	12" X 12" X 6" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
45	12" X 12" X 8" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
46	16" X 16" X 6" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
47	16" X 16" X 8" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
48	8" GATE VALVE W/BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
49	12" GATE VALVE W/BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
50	16" GATE VALVE W/BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
51	FIRE HYDRANT W/AUX VALVE & B	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
52	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
53	1" COPPER SERVICE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
54	1" TAPPING SADDLE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
55	1" CURB STOP & BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
56	CATHODIC PROTECTION TEST ST	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
57	TRACER WIRE BOXES	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
58	4" PVC SEWER SERVICE LINE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
59	4" SEWER SERVICE CLEANOUT	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
60	8" PVC SEWER MAIN (8'-10')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
61	8" PVC SEWER MAIN (10'-12')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
62	STANDARD MANHOLE, 48"	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
63	DROP MANHOLE, 48"	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
64	EXTRA MANHOLE DEPTH, 48"	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
65	CONNECT TO EXISTING SEWER M	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
66	15" RCP, CLASS II	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
67	18" RCP, CLASS II	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
68	30" ARCH RC PIPE, CLASS II	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
69	30" ARCH FLARED END SECTION	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%

70	18" RCP BEND	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
71	RCP TEE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
72	TYPE "B" INLET	0.00	0%	0.00	0%	0.00	0%	7,200.00	100%	100%
73	IRRIGATED LAWN MIX	-13.58	10%	-13.58	10%	-108.64	80%	0.00	0%	100%
74	ROAD DITCH MIX	13.58	10%	13.58	10%	108.64	80%	0.00	0%	100%
75	BONDED FIBER MATRIX	21.00	10%	21.00	10%	168.00	80%	0.00	0%	100%
76	TYPE 3 EROSION CONTROL BLANK	-2.80	10%	-2.80	10%	-22.40	80%	0.00	0%	100%
77	TYPE 2 TURF REINFORCEMENT MAT	162.80	10%	162.80	10%	1,302.43	80%	0.00	0%	100%
78	12" DIAMETER SEDIMENT CONTROL	-596.80	10%	-596.80	10%	-4,774.40	80%	0.00	0%	100%
79	REMOVE AND RESET SEDIMENT CONTROL	-56.00	10%	-56.00	10%	-448.00	80%	0.00	0%	100%
80	REMOVE AND RESET GRAVEL FILTER	-0.40	10%	-0.40	10%	-3.20	80%	0.00	0%	100%
81	SURFACE ROUGHENING	0.00	10%	0.00	10%	0.00	80%	0.00	0%	100%
82	LOW FLOW SILT FENCE	19.20	10%	19.20	10%	153.60	80%	0.00	0%	100%
83	HIGH FLOW SILT FENCE	-87.60	10%	-87.60	10%	-700.80	80%	0.00	0%	100%
84	INLET PROTECTION DEVICE	0.00	10%	0.00	10%	0.00	80%	0.00	0%	100%
85	GRAVEL FILTER SOCK	0.60	10%	0.60	10%	4.80	80%	0.00	0%	100%
86	TEMPORARY SEDIMENT TRAP	0.00	10%	0.00	10%	0.00	80%	0.00	0%	100%
87	VEHICLE TRACKING CONTROL	-200.00	10%	-200.00	10%	-1,600.00	80%	0.00	0%	100%
88	WATER FOR DUST CONTROL	-135.00	10%	-135.00	10%	-1,080.00	80%	0.00	0%	100%
89	STREET SWEEPING	-120.00	10%	-120.00	10%	-960.00	80%	0.00	0%	100%
90	CLASS III RIPRAP	0.00	0%	0.00	0%	0.00	0%	403.65	100%	100%
91	DRAINAGE FABRIC	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
92	TEMPORARY GRAVEL SURFACING	-797.89	13%	-1,841.28	30%	-2,639.17	43%	-859.26	14%	100%
93	AGGREGATE BASE COURSE, 1"	0.00	0%	0.00	0%	-4,637.10	100%	0.00	0%	100%
94	GRAVEL CUSHION, 3/4"	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
95	GRAVEL SURFACING	0.00	0%	0.00	0%	-1,540.00	100%	0.00	0%	100%
96	AC, CLASS G, TYPE 1 PG70-28	0.00	0%	0.00	0%	-4,378.00	100%	0.00	0%	100%
97	PCC PAVEMENT, 8" NON-REINFORCED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
98	CONCRETE CURB & GUTTER, TYPE 1	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
99	CONCRETE CURB & GUTTER, TYPE 2	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
100	CONCRETE "P6" GUTTER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
101	CONCRETE FILLET, 8" REINFORCED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
102	DOWEL BAR	0.00	0%	0.00	0%	-738.00	100%	0.00	0%	100%
103	PCC APPROACH PAVEMENT, 6" NON-REINFORCED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
104	PCC SIDEWALK, 4" NONREINFORCED	0.00	0%	0.00	0%	-312.40	100%	0.00	0%	100%
105	DETECTABLE WARNING PANEL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
106	GEOGRID REINFORCEMENT	0.00	0%	0.00	0%	-3,850.00	100%	0.00	0%	100%
107	W-BEAM STEEL GUARDRAIL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%

108	W BEAM GUARDRAIL TANGENT E	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
109	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	-232.75	100%	0.00	0%	100%
110	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	-1,596.00	100%	0.00	0%	100%
111	COLD APPLIED PLASTIC PAVEME	0.00	0%	0.00	0%	-183.62	100%	0.00	0%	100%
112	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	-56.35	100%	0.00	0%	100%
113	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	-399.00	100%	0.00	0%	100%
114	GROOVE FOR COLD APPLIED PLA	0.00	0%	0.00	0%	-45.50	100%	0.00	0%	100%
115	ROAD SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
116	SIGN POST	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
117	FLAGGING	0.00	0%	0.00	0%	-5,200.00	100%	0.00	0%	100%
118	TRAFFIC CONTROL	0.00	13%	0.00	30%	0.00	43%	0.00	14%	100%
119	TRAFFIC CONTROL, MISC	0.00	13%	0.00	30%	0.00	43%	0.00	14%	100%
120	CONTRACTOR FURNISHED PORT.	0.00	13%	0.00	30%	0.00	43%	0.00	14%	100%
121	REMOVE AND RESET MAILBOX	0.00	0%	0.00	0%	400.00	100%	0.00	0%	100%
122	WATER MAIN INSULATION	0.00	0%	-0.80	100%	0.00	0%	0.00	0%	100%
123	AASHTO T-180 SOIL TEST	0.00	0%	0.00	0%	-600.00	100%	0.00	0%	100%
124	NEW WATER SERVICE CONNECT	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
125	NEW SEWER SERVICE CONNECT	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
		(\$41,927.13)		(\$43,816.09)		(\$44,239.60)		\$6,257.54		(\$123,725.28)