

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**Grandview Drive and Nevada Drive Robbinsdale Area Utility and Street Reconstruction**  
**PROJECT NO. 13-2102 / CIP NO.50421.3-4**  
**DECEMBER 5, 2014**  
**ORIGINAL CONTRACT AMOUNT: \$1,303,579.00**  
**CONTRACTOR: RCS CONSTRUCTION, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$91,560.12	\$91,560.12	1.00	\$91,560.12	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$31,205.80	\$31,205.80	1.00	\$31,205.80	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$20,432.08	\$20,432.08	1.00	\$20,432.08	\$0.00
4	TRAFFIC CONTROL	LS	1.00	\$6,988.65	\$6,988.65	1.00	\$6,988.65	\$0.00
5	VEHICLE TRACKING CONTROL (VTC)	EA	7.00	\$325.88	\$2,281.16	1.00	\$325.88	(\$1,955.28)
6	GRANULAR MATERIAL FOR VEHICLE TRACKING CONTROL	TON	100.00	\$16.82	\$1,682.00	10.30	\$173.25	(\$1,508.75)
7	GRAVEL FILTER SOCKS	LF	144.00	\$6.35	\$914.40	0.00	\$0.00	(\$914.40)
8	REMOVE & RESET GRAVEL FILTER SOCKS	LF	108.00	\$2.85	\$307.80	0.00	\$0.00	(\$307.80)
9	REMOVE GRAVEL FILTER SOCKS	LF	144.00	\$2.85	\$410.40	0.00	\$0.00	(\$410.40)
10	SEDIMENT CONROL WATTLE (SCW), 9" DIAMETER	LF	1,667.00	\$4.78	\$7,968.26	1,366.00	\$6,529.48	(\$1,438.78)
11	REMOVE & RESET SEDIMENT CONTROL WATTLE	LF	1,159.00	\$2.85	\$3,303.15	907.00	\$2,584.95	(\$718.20)
12	REMOVE SEDIMENT CONTROL WATTLE	LF	1,667.00	\$2.85	\$4,750.95	1,366.00	\$3,893.10	(\$857.85)
13	INLET PROTECTION DEVICE	EA	10.00	\$325.84	\$3,258.40	10.00	\$3,258.40	\$0.00
14	REMOVE INLET PROTECTION DEVICE	EA	10.00	\$142.23	\$1,422.30	10.00	\$1,422.30	\$0.00
15	TEMPORARY GRAVEL SURFACING, 3/4" BASE COURSE	TON	250.00	\$20.30	\$5,075.00	944.70	\$19,177.41	\$14,102.41
16	UNCLASSIFIED EXCAVATION	CY	3,211.00	\$7.35	\$23,600.85	3,211.00	\$23,600.85	\$0.00
17	UNDERCUT	CY	1,998.00	\$3.86	\$7,712.28	1,998.00	\$7,712.28	\$0.00
18	DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL	CY	100.00	\$6.33	\$633.00	0.00	\$0.00	(\$633.00)
19	TOPSOIL, IMPORTED	CY	35.00	\$22.59	\$790.65	35.00	\$790.65	\$0.00
20	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	200.00	\$8.34	\$1,668.00	0.00	\$0.00	(\$1,668.00)
21	IMPORTED BACKFILL MATERIAL (GRADING)	CY	200.00	\$8.34	\$1,668.00	0.00	\$0.00	(\$1,668.00)
22	TYPE I BEDDING	TON	200.00	\$24.80	\$4,960.00	0.00	\$0.00	(\$4,960.00)
23	TYPE II FOUNDATION MATERIAL	TON	150.00	\$24.80	\$3,720.00	0.00	\$0.00	(\$3,720.00)
24	TYPE III FOUNDATION MATERIAL	TON	100.00	\$30.99	\$3,099.00	25.30	\$784.05	(\$2,314.95)


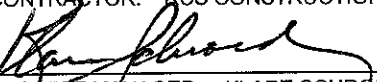
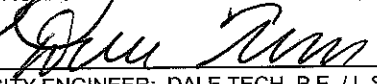
LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
25	TYPE IV FOUNDATION MATERIAL	TON	100.00	\$23.81	\$2,381.00	0.00	\$0.00	(\$2,381.00)
26	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	60.00	\$133.36	\$8,001.60	0.00	\$0.00	(\$8,001.60)
27	AASHTO T-180 SOIL TEST	EA	4.00	\$167.48	\$669.92	3.00	\$502.44	(\$167.48)
28	REESTABLISH PROPERTY CORNER & POINTS OF CURVATURE	EA	8.00	\$154.08	\$1,232.64	7.00	\$1,078.56	(\$154.08)
29	CLEARING & GRUBBING, 6" - 18" TREES	EA	5.00	\$530.32	\$2,651.60	5.00	\$2,651.60	\$0.00
30	CLEARING & GRUBBING, 18" - 24" TREES	EA	1.00	\$697.22	\$697.22	1.00	\$697.22	\$0.00
31	CLEARING & GRUBBING, 24" - 36" TREES	EA	9.00	\$829.55	\$7,465.95	9.00	\$7,465.95	\$0.00
32	CLEARING & GRUBBING, 36" - 48" TREES	EA	3.00	\$1,032.99	\$3,098.97	3.00	\$3,098.97	\$0.00
33	CLEARING & GRUBBING, 48" - 60" TREES	EA	1.00	\$1,475.44	\$1,475.44	1.00	\$1,475.44	\$0.00
34	CLEARING & GRUBBING, STUMP	EA	3.00	\$478.00	\$1,434.00	3.00	\$1,434.00	\$0.00
35	CLEARING & GRUBBING	LS	1.00	\$1,629.41	\$1,629.41	1.00	\$1,629.41	\$0.00
36	REMOVE SANITARY SEWER MANHOLE	EA	7.00	\$792.81	\$5,549.67	7.00	\$5,549.67	\$0.00
37	DEMO VARIABLE HEIGHT RETAINING WALL	LF	10.00	\$60.04	\$600.40	10.00	\$600.40	\$0.00
38	REMOVE GRAVEL DRIVEWAY	SY	94.00	\$5.14	\$483.16	94.00	\$483.16	\$0.00
39	PAVEMENT (INCLUDES CURB & GUTTER, PANS, & FILLETS, ETC.)	SY	6,062.00	\$5.46	\$33,098.52	6,066.70	\$33,124.18	\$25.66
40	REMOVE CONCRETE DRIVEWAY AND APPROACH PAVEMENT	SY	691.00	\$5.59	\$3,862.69	711.40	\$3,976.73	\$114.04
41	REMOVE CONCRETE SIDEWALK	SY	1,462.00	\$4.42	\$6,462.04	1,474.10	\$6,515.52	\$53.48
42	REMOVE AND RESET CHAIN LINK FENCE	LF	136.00	\$20.10	\$2,733.60	0.00	\$0.00	(\$2,733.60)
43	REMOVE AND RESET WIRE FENCE	LF	37.00	\$13.40	\$495.80	0.00	\$0.00	(\$495.80)
44	REMOVE CURB STOP AND BOX	EA	22.00	\$142.23	\$3,129.06	22.00	\$3,129.06	\$0.00
45	REMOVE WATER VALVE AND BOX	EA	5.00	\$142.23	\$711.15	5.00	\$711.15	\$0.00
46	REMOVE FIRE HYDRANT AUX. VALVE AND LEAD	EA	2.00	\$1,139.76	\$2,279.52	2.00	\$2,279.52	\$0.00
47	REMOVE TYPE "E" DROP INLET (6-FOOT)	EA	1.00	\$534.27	\$534.27	1.00	\$534.27	\$0.00
48	REMOVE TYPE "B" DROP INLET	EA	1.00	\$294.09	\$294.09	1.00	\$294.09	\$0.00
49	REMOVE 15" RCP	LF	2.00	\$6.83	\$13.66	2.00	\$13.66	\$0.00
50	REMOVE 12" RCP	LF	37.00	\$6.10	\$225.70	37.00	\$225.70	\$0.00
51	REMOVE TRAFFIC SIGN ASSEMBLY	EA	4.00	\$100.49	\$401.96	4.00	\$401.96	\$0.00
52	BYPASS PUMPING	LS	1.00	\$7,981.14	\$7,981.14	1.00	\$7,981.14	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
53	CONNECT TO EXISTING SEWER MAIN	EA	3.00	\$441.76	\$1,325.28	3.00	\$1,325.28	\$0.00
54	6")	EA	6.00	\$4,030.41	\$24,182.46	6.00	\$24,182.46	\$0.00
55	TERMINATION MANHOLE, 48" DIA (0'-6')	EA	3.00	\$3,896.97	\$11,690.91	3.00	\$11,690.91	\$0.00
56	EXTRA MANHOLE DEPTH, 48" DIA	VF	26.34	\$234.80	\$6,184.63	26.34	\$6,184.63	\$0.00
57	4" PVC SANITARY SEWER SERVICE CLEANOUT	EA	21.00	\$261.19	\$5,484.99	21.00	\$5,484.99	\$0.00
58	RECONNECT SANITARY SEWER SERVICE	EA	21.00	\$221.41	\$4,649.61	21.00	\$4,649.61	\$0.00
59	4" PVC SANITARY SEWER SERVICE LINE	LF	705.00	\$51.52	\$36,321.60	637.00	\$32,818.24	(\$3,503.36)
60	8" PVC SEWER MAIN, SDR-35 (6'-8')	LF	130.00	\$38.44	\$4,997.20	130.00	\$4,997.20	\$0.00
61	10')	LF	1,124.00	\$38.44	\$43,206.56	1,124.00	\$43,206.56	\$0.00
62	CONNECT TO EXISTING WATER MAIN	EA	5.00	\$506.18	\$2,530.90	5.00	\$2,530.90	\$0.00
63	6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	84.00	\$40.03	\$3,362.52	84.00	\$3,362.52	\$0.00
64	8" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT	LF	1,675.00	\$55.42	\$92,828.50	1,675.00	\$92,828.50	\$0.00
65	8" X 6" X 8" TEE	EA	4.00	\$808.72	\$3,234.88	4.00	\$3,234.88	\$0.00
66	8" X 8" X 8" TEE	EA	1.00	\$892.61	\$892.61	1.00	\$892.61	\$0.00
67	8" CROSS	EA	1.00	\$1,132.82	\$1,132.82	1.00	\$1,132.82	\$0.00
68	8" X 6" REDUCER	EA	3.00	\$1,184.09	\$3,552.27	3.00	\$3,552.27	\$0.00
69	8" 45 DEGREE BEND	EA	2.00	\$553.33	\$1,106.66	2.00	\$1,106.66	\$0.00
70	8" 11.25 DEGREE VERTICAL BEND	EA	4.00	\$511.82	\$2,047.28	4.00	\$2,047.28	\$0.00
71	8" HIGH DEFLECTION COUPLING	EA	1.00	\$393.68	\$393.68	1.00	\$393.68	\$0.00
72	6" 45 DEGREE BEND	EA	4.00	\$423.43	\$1,693.72	4.00	\$1,693.72	\$0.00
73	8" GATE VALVE WITH BOX	EA	10.00	\$2,292.97	\$22,929.70	11.00	\$25,222.67	\$2,292.97
74	6" REPAIR COUPLING	EA	1.00	\$225.17	\$225.17	1.00	\$225.17	\$0.00
75	FIRE HYDRANT WITH AUX. VALVE & LEAD	EA	4.00	\$6,400.58	\$25,602.32	4.00	\$25,602.32	\$0.00
76	TRACER WIRE BOX	EA	4.00	\$311.95	\$1,247.80	9.00	\$2,807.55	\$1,559.75
77	WATER SERVICE RECONNECTION	EA	26.00	\$243.44	\$6,329.44	26.00	\$6,329.44	\$0.00
78	1" TAPPING SADDLE	EA	22.00	\$247.14	\$5,437.08	22.00	\$5,437.08	\$0.00
79	1" CURB STOP AND BOX	EA	22.00	\$424.05	\$9,329.10	22.00	\$9,329.10	\$0.00
80	1" COPPER WATER SERVICE	LF	672.00	\$42.37	\$28,472.64	624.00	\$26,438.88	(\$2,033.76)
81	WATER MAIN ENCASEMENT	LF	62.00	\$62.05	\$3,847.10	62.00	\$3,847.10	\$0.00
82	STATION	EA	4.00	\$376.16	\$1,504.64	4.00	\$1,504.64	\$0.00
83	TEMPORARY WATER MAIN CONNECTION	EA	2.00	\$1,991.83	\$3,983.66	2.00	\$3,983.66	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
84	CONNECT TO EXISTING STORM SEWER	EA	1.00	\$273.52	\$273.52	1.00	\$273.52	\$0.00
85	GRATE (CITY STANDARD DETAIL 62-5)	EA	6.00	\$2,442.50	\$14,655.00	6.00	\$14,655.00	\$0.00
86	TYPE "E" INLET (CITY STANDARD DETAIL 62-1), 10'	EA	2.00	\$5,581.12	\$11,162.24	2.00	\$11,162.24	\$0.00
87	15" RCP STORM SEWER, CLASS II	LF	2.00	\$75.51	\$151.02	2.00	\$151.02	\$0.00
88	15" PVC STORM SEWER, SDR-35, GREEN	LF	223.00	\$45.82	\$10,217.86	223.00	\$10,217.86	\$0.00
89	12" PVC STORM SEWER, SDR-35, GREEN	LF	193.00	\$39.87	\$7,694.91	193.00	\$7,694.91	\$0.00
90	ACC PAVING MOBILIZATIONS	EA	2.00	\$1,339.81	\$2,679.62	2.00	\$2,679.62	\$0.00
91	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	1,472.00	\$115.56	\$170,104.32	1,475.90	\$170,555.00	\$450.68
92	AGGREGATE BASE COURSE, 3/4"	TON	2,860.00	\$22.13	\$63,291.80	3,206.40	\$70,957.63	\$7,665.83
93	GEOTEXTILE FABRIC	SY	6,010.00	\$5.39	\$32,393.90	2,845.50	\$15,337.25	(\$17,056.65)
94	DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED	SY	187.00	\$45.73	\$8,551.51	200.00	\$9,146.00	\$594.49
95	APPROACH PAVEMENT, 6" NON REINFORCED	SY	33.50	\$45.73	\$1,531.96	38.00	\$1,737.74	\$205.78
96	CONCRETE DRIVEWAY PAVEMENT, 6" NONREINFORCED	SY	485.00	\$45.12	\$21,883.20	569.50	\$25,695.84	\$3,812.64
97	NONREINFORCED, PANEL REPLACEMENT W/ DOWLES	SY	265.00	\$56.98	\$15,099.70	0.00	\$0.00	(\$15,099.70)
98	TYPE B66 CURB AND GUTTER	LF	2,321.00	\$22.16	\$51,433.36	2,321.00	\$51,433.36	\$0.00
99	TYPE P6 GUTTER	LF	388.00	\$22.16	\$8,598.08	350.00	\$7,756.00	(\$842.08)
100	ROLL CURB AND GUTTER	LF	52.00	\$22.16	\$1,152.32	86.00	\$1,905.76	\$753.44
101	6" DIAMETER PIPE UNDERDRAIN (DETAIL 64-1)	LF	2,550.00	\$10.80	\$27,540.00	2,550.00	\$27,540.00	\$0.00
102	6" DIAMETER PIPE UNDERDRAIN WITH STORM SEWER	LF	442.00	\$9.21	\$4,070.82	400.00	\$3,684.00	(\$386.82)
103	SIDEWALK GUTTER DRAIN	EA	1.00	\$1,671.47	\$1,671.47	0.00	\$0.00	(\$1,671.47)
104	EDGE DRAIN CONNECTION TO INLETS, PER INLET	EA	8.00	\$197.86	\$1,582.88	8.00	\$1,582.88	\$0.00
105	CONCRETE FILLET AND PAN (REINFORCED), 6"	SY	163.00	\$69.51	\$11,330.13	163.00	\$11,330.13	\$0.00
106	CONCRETE FILLET AND PAN (REINFORCED), 8"	SY	80.00	\$77.94	\$6,235.20	80.00	\$6,235.20	\$0.00
107	CONCRETE FILLET AND PAN, (REINFORCED), 9"	SY	60.00	\$81.19	\$4,871.40	60.00	\$4,871.40	\$0.00
108	TRANSITION PAVEMENT (REINFORCED), 6"	SY	119.00	\$69.52	\$8,272.88	119.00	\$8,272.88	\$0.00
109	TRANSITION PAVEMENT (REINFORCED), 8"	SY	73.00	\$77.94	\$5,689.62	73.00	\$5,689.62	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
110	TRANSITION PAVEMENT (REINFORCED), 9"	SY	78.00	\$81.19	\$6,332.82	78.00	\$6,332.82	\$0.00
111	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	12,525.00	\$5.66	\$70,891.50	14,873.80	\$84,185.71	\$13,294.21
112	CONCRETE TYPE "C" RETAINING WALL (0'-2' TALL)	LF	76.00	\$71.41	\$5,427.16	140.00	\$9,997.40	\$4,570.24
113	6" - 9" CURB HEAD WITH SIDEWALK	LF	31.00	\$24.30	\$753.30	0.00	\$0.00	(\$753.30)
114	DETECTABLE WARNING PANNEL	SF	128.00	\$40.35	\$5,164.80	160.00	\$6,456.00	\$1,291.20
115	SODDING	SY	3,428.00	\$7.43	\$25,470.04	3,428.00	\$25,470.04	\$0.00
116	(INCLUDING 1" INCORPORATED CO-COMPOST)	CY	476.00	\$5.18	\$2,465.68	476.00	\$2,465.68	\$0.00
117	SIGN POST, 2" X 2" TUBE	EA	4.00	\$187.57	\$750.28	4.00	\$750.28	\$0.00
118	REGULATORY SIGN , R1-1 (STOP)	EA	4.00	\$93.79	\$375.16	4.00	\$375.16	\$0.00
119	REGULATORY SIGN , D3 (STREET NAME)	EA	8.00	\$100.49	\$803.92	8.00	\$803.92	\$0.00
120	STREET LIGHT ON BHP WOODEN POLE	EA	1.00	\$71.11	\$71.11	1.00	\$71.11	\$0.00
121	AUTUMN BLAZE MAPLE - MINIMUM 2" CALIPER	EA	2.00	\$381.85	\$763.70	2.00	\$763.70	\$0.00
122	LINDEN, GREENSPIRE - MINIMUM 2" CALIPER	EA	1.00	\$381.85	\$381.85	1.00	\$381.85	\$0.00
123	MALLUS SPRING SNOW CRAB (FRUITLESS) - MINIMUM 2" CALIPER	EA	8.00	\$381.85	\$3,054.80	9.00	\$3,436.65	\$381.85
124	REMOVE 8"x6"x8" TEE	EA	0.00	\$193.00	\$0.00	1.00	\$193.00	\$193.00
125	ADDITIONAL LANDSCAPING	LS	0.00	\$2,635.00	\$0.00	1.00	\$2,635.00	\$2,635.00
126	LIQUIDATED DAMAGES	DAY	0.00	(\$800.00)	\$0.00	6.00	(\$4,800.00)	(\$4,800.00)
<b>TOTAL</b>								
					<b>\$1,303,579.00</b>		<b>\$1,274,419.56</b>	<b>(\$29,159.44)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$1,303,579.00
CCO #1F	(\$29,159.44)	NET INCREASE/(DECREASE):	(\$29,159.44)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$1,274,419.56
	\$0.00	CHANGE TO DATE:	(\$29,159.44)

 CONTRACTOR: RCS CONSTRUCTION	12/30/14 DATE
 PROJECT MANAGER: KLARE SCHRÖEDER, P.E.	12/29/14 DATE
 CITY ENGINEER: DALE TECH, P.E. / L.S.	1-2-15 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 RCS Construction for a decrease of \$29,159.44 based on unit pricing with the following appropriation:

Initial Funding	\$236,138.57	\$348,526.17	\$646,573.94	\$72,340.32		\$1,303,579.00
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	0833	0933	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1F	(\$13,641.21)	(\$7,391.60)	(\$8,677.37)	\$550.74		(\$29,159.44)
						\$0.00
						\$0.00
Adjusted Funding	\$222,497.36	\$341,134.57	\$637,896.57	\$72,891.06	\$1,274,419.56	\$1,274,419.56

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**CONTRACTOR: RCS CONSTRUCTION, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	VEHICLE TRACKING CONTROL (VTC)	Phasing of project changed resulting is less VTC locations
6	GRANULAR MATERIAL FOR VEHICLE TRACKING CONTROL	Phasing of project changed resulting is less VTC locations
7	GRAVEL FILTER SOCKS	Less installed than plan
8	REMOVE & RESET GRAVEL FILTER SOCKS	Less installed than plan
9	REMOVE GRAVEL FILTER SOCKS	Less installed than plan
10	SEDIMENT CONROL WATTLE (SCW), 9" DIAMETER	Less installed than plan
11	REMOVE & RESET SEDIMENT CONTROL WATTLE	Less installed than plan
12	REMOVE SEDIMENT CONTROL WATTLE	Less installed than plan
15	TEMPORARY GRAVEL SURFACING, 3/4" BASE COURSE	Increased rain this year caused muddy conditions throughout work area. Gravel used to give residents walking and driving paths.
18	DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL	Not Needed
20	IMPORTED BACKFILL MATERIAL (TRENCH)	Not Needed
21	IMPORTED BACKFILL MATERIAL (GRADING)	Not Needed
22	TYPE I BEDDING	Not Needed
23	TYPE II FOUNDATION MATERIAL	Not Needed
24	TYPE III FOUNDATION MATERIAL	Not Needed
25	TYPE IV FOUNDATION MATERIAL	Not Needed
26	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	Not Needed

27	AASHTO T-180 SOIL TEST	Less testing needed than expected
28	REESTABLISH PROPERTY CORNER & POINTS OF CURVATURE	Less property corners were needed to be reestablished than expected
39	PAVEMENT (INCLUDES CURB & GUTTER, PANS, & FILLETS, ETC.)	Additional removal needed to necessitate location change for underdrain daylighting
40	REMOVE CONCRETE DRIVEWAY AND APPROACH PAVEMENT	Additional removal needed to necessitate location change for underdrain daylighting
41	REMOVE CONCRETE SIDEWALK	Additional removal needed to necessitate location change for underdrain daylighting and to ensure ADA compliance for ramp areas
42	REMOVE AND RESET CHAIN LINK FENCE	Sidewalk was able to be installed without removing fence
43	REMOVE AND RESET WIRE FENCE	Sidewalk was able to be installed without removing fence
59	4" PVC SANITARY SEWER SERVICE LINE	Less used than expected
73	8" GATE VALVE WITH BOX	Additional valve needed to replace old valve not anticipated for replacement
76	TRACER WIRE BOX	Additional boxes needed to separate new tracer wire from old tracer wire
80	1" COPPER WATER SERVICE	Less used than expected
91	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	Additional asphalt used at request of City to repair Grandview at top of hill
92	AGGREGATE BASE COURSE, 3/4"	More used than expected to facility driveway and approaches
93	GEOTEXTILE FABRIC	Some areas within the project area did not warrant the use of geotextile fabric
94	DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED	Infield changes to driveways included additional approach pavement
95	APPROACH PAVEMENT, 6" NON REINFORCED	Infield changes to driveways included additional approach pavement
96	CONCRETE DRIVEWAY PAVEMENT, 6" NONREINFORCED	Additional driveway needed to infield changes due to underdrain changes
97	NONREINFORCED, PANEL REPLACEMENT W/ DOWLES	None used. It was deemed acceptable to patch using asphalt section
99	TYPE P6 GUTTER	Less installed than expected
100	ROLL CURB AND GUTTER	Additional installed to fix damaged areas not anticipated within the project
102	6" DIAMETER PIPE UNDERDRAIN WITH STORM SEWER	Less installed than expected
103	SIDEWALK GUTTER DRAIN	Less installed than expected
111	CONCRETE SIDEWALK, 4" NONREINFORCED	Additional sidewalk installed to remove proposed grass areas in boulevards at intersections.



112	CONCRETE TYPE "C" RETAINING WALL (0'-2' TALL)	Additional installed to prevent excessive grading within private property
113	6" - 9" CURB HEAD WITH SIDEWALK	None Needed
114	DETECTABLE WARNING PANNEL	Increased to compenstate for the 2'x5' panels used
123	MALLUS SPRING SNOW CRAB (FRUITLESS) - MINIMUM 2" CALIPER	Property owner requested additional tree to replace the three trees removed from property
124	REMOVE 8"x6"x8" TEE	Removed due to proximity and conflict with existing gate valve
125	ADDITIONAL LANDSCAPING	Additional compensation to contractor for previous work completed on separate closed project
126	LIQUIDATED DAMAGES	Accessed 6 days of Liquidated Damages due to project continuing past completion date

PREPARED BY: Kale McNaboe

DATE: December 5, 2014

		Sanitary Sewer		Water		Streets		Drainage		
		0833		0933		8910		8911		
		4380		4381		4370		4371		
		0604		0602		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
2	INCIDENTAL WORK	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
3	CONSTRUCTION STAKING	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
4	TRAFFIC CONTROL	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
5	CONSTRUCTION ENTRANCE - VEH	-312.84	16%	-469.27	24%	-1,055.85	54%	-117.32	6%	100%
6	GRANULAR MATERIAL FOR VEHIC	-241.40	16%	-362.10	24%	-814.73	54%	-90.53	6%	100%
7	GRAVEL FILTER SOCKS	-146.30	16%	-219.46	24%	-493.78	54%	-54.86	6%	100%
8	REMOVE & RESET GRAVEL FILTER	-49.25	16%	-73.87	24%	-166.21	54%	-18.47	6%	100%
9	REMOVE GRAVEL FILTER SOCKS	-65.66	16%	-98.50	24%	-221.62	54%	-24.62	6%	100%
10	SEDIMENT CONROL WATTLE (SCV	-230.20	16%	-345.31	24%	-776.94	54%	-86.33	6%	100%
11	REMOVE & RESET SEDIMENT CON	-114.91	16%	-172.37	24%	-387.83	54%	-43.09	6%	100%
12	REMOVE SEDIMENT CONTROL WA	-137.26	16%	-205.88	24%	-463.24	54%	-51.47	6%	100%
13	INLET PROTECTION DEVICE	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
14	REMOVE INLET PROTECTION DEV	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
15	TEMPORARY GRAVEL SURFACING	2,256.39	16%	3,384.58	24%	7,615.30	54%	846.14	6%	100%
16	UNCLASSIFIED EXCAVATION	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
17	UNDERCUT	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
18	UNCLASSIFIED EXCAVATION - DIG	0.00	0%	0.00	0%	-633.00	100%	0.00	0%	100%
19	TOPSOIL, IMPORTED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
20	IMPORTED BACKFILL MATERIAL (T	-834.00	50%	-834.00	50%	0.00	0%	0.00	0%	100%
21	IMPORTED BACKFILL MATERIAL (C	0.00	0%	0.00	0%	-1,668.00	100%	0.00	0%	100%
22	TYPE I BEDDING	-2,480.00	50%	-2,480.00	50%	0.00	0%	0.00	0%	100%
23	TYPE II FOUNDATION MATERIAL	-1,860.00	50%	-1,860.00	50%	0.00	0%	0.00	0%	100%
24	TYPE III FOUNDATION MATERIAL	-1,157.48	50%	-1,157.48	50%	0.00	0%	0.00	0%	100%

25	TYPE IV FOUNDATION MATERIAL	-1,190.50	50%	-1,190.50	50%	0.00	0%	0.00	0%	100%
26	CONTROLLED LOW STRENGTH BA	-4,000.80	50%	-4,000.80	50%	0.00	0%	0.00	0%	100%
27	AASHTO T-180 SOIL TEST	-83.74	50%	-83.74	50%	0.00	0%	0.00	0%	100%
28	REESTABLISH PROPERTY CORNE	-24.65	16%	-36.98	24%	-83.20	54%	-9.24	6%	100%
29	CLEARING & GRUBBING, 6" - 18" T	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
30	CLEARING & GRUBBING, 18" - 24"	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
31	CLEARING & GRUBBING, 24" - 36"	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
32	CLEARING & GRUBBING, 36" - 48"	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
33	CLEARING & GRUBBING, 48" - 60"	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
34	CLEARING & GRUBBING, STUMP	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
35	CLEARING & GRUBBING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
36	REMOVE SANITARY SEWER MANH	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
37	DEMO VARIABLE HEIGHT RETAINI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
38	REMOVE GRAVEL DRIVEWAY	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
39	REMOVE CONCRETE/ASPHALT PA	4.11	16%	6.16	24%	13.86	54%	1.54	6%	100%
40	REMOVE CONCRETE DRIVEWAY A	0.00	0%	0.00	0%	114.04	100%	0.00	0%	100%
41	REMOVE CONCRETE SIDEWALK	0.00	0%	0.00	0%	53.48	100%	0.00	0%	100%
42	REMOVE AND RESET CHAIN LINK	0.00	0%	0.00	0%	-2,733.60	100%	0.00	0%	100%
43	REMOVE AND RESET WIRE FENCE	0.00	0%	0.00	0%	-495.80	100%	0.00	0%	100%
44	REMOVE CURB STOP AND BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
45	REMOVE WATER VALVE AND BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
46	REMOVE FIRE HYDRANT AUX. VAL	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
47	REMOVE TYPE "E" DROP INLET (6-	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
48	REMOVE TYPE "B" DROP INLET	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
49	REMOVE 15" RCP	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
50	REMOVE 12" RCP	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
51	REMOVE TRAFFIC SIGN ASSEMBL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
52	BYPASS PUMPING	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
53	CONNECT TO EXISTING SEWER M	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
54	STANDARD MANHOLE, 48" DIA (0'-	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%

55	TERMINATION MANHOLE, 48" DIA	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
56	EXTRA MANHOLE DEPTH, 48" DIA	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
57	4" PVC SANITARY SEWER SERVICE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
58	RECONNECT SANITARY SEWER SERVICE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
59	4" PVC SANITARY SEWER SERVICE	-3,503.36	100%	0.00	0%	0.00	0%	0.00	0%	100%
60	8" PVC SEWER MAIN, SDR-35 (6'-8"	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
61	8" PVC SEWER MAIN, SDR-35 (8'-10"	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
62	CONNECT TO EXISTING WATER MAIN	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
63	6" PVC WATER MAIN, AWWA C-900	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
64	8" PVC WATER MAIN, AWWA C-900	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
65	8" X 6" X 8" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
66	8" X 8" X 8" TEE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
67	8" CROSS	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
68	8" X 6" REDUCER	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
69	8" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
70	8" 11.25 DEGREE VERTICAL BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
71	8" HIGH DEFLECTION COUPLING	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
72	6" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
73	8" GATE VALVE WITH BOX	0.00	0%	2,292.97	100%	0.00	0%	0.00	0%	100%
74	6" REPAIR COUPLING	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
75	FIRE HYDRANT WITH AUX. VALVE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
76	TRACER WIRE BOX	0.00	0%	1,559.75	100%	0.00	0%	0.00	0%	100%
77	WATER SERVICE RECONNECTION	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
78	1" TAPPING SADDLE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
79	1" CURB STOP AND BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
80	1" COPPER WATER SERVICE	0.00	0%	-2,033.76	100%	0.00	0%	0.00	0%	100%
81	WATER MAIN ENCASEMENT	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
82	CATHODIC CONTROL TEST STATION	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
83	TEMPORARY WATER MAIN CONNECTION	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
84	CONNECT TO EXISTING STORM SEWER	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
85	TYPE "B" INLET WITH VANED GRADE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
86	TYPE "E" INLET (CITY STANDARD)	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%

87	15" RCP STORM SEWER, CLASS II	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
88	15" PVC STORM SEWER, SDR-35, 6'	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
89	12" PVC STORM SEWER, SDR-35, 6'	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
90	ACC PAVING MOBILIZATIONS	0.00	16%	0.00	24%	0.00	54%	0.00	6%	100%
91	ASPHALT CONCRETE, CLASS G, T	72.11	16%	108.16	24%	243.37	54%	27.04	6%	100%
92	AGGREGATE BASE COURSE, 3/4"	1,226.53	16%	1,839.80	24%	4,139.55	54%	459.95	6%	100%
93	GEOTEXTILE FABRIC	0.00	0%	0.00	0%	-17,056.65	100%	0.00	0%	100%
94	DRIVEWAY APPROACH PAVEMENT	0.00	0%	0.00	0%	594.49	100%	0.00	0%	100%
95	GRADE MODIFIED DRIVEWAY APP	0.00	0%	0.00	0%	205.78	100%	0.00	0%	100%
96	CONCRETE DRIVEWAY PAVEMENT	0.00	0%	0.00	0%	3,812.64	100%	0.00	0%	100%
97	PCC PAVEMENT, 6" NONREINFORC	0.00	0%	0.00	0%	-15,099.70	100%	0.00	0%	100%
98	TYPE B66 CURB AND GUTTER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
99	TYPE P6 GUTTER	0.00	0%	0.00	0%	-842.08	100%	0.00	0%	100%
100	ROLL CURB AND GUTTER	0.00	0%	0.00	0%	753.44	100%	0.00	0%	100%
101	6" DIAMETER PIPE UNDERDRAIN (	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
102	6" DIAMETER PIPE UNDERDRAIN V	0.00	0%	0.00	0%	-386.82	100%	0.00	0%	100%
103	SIDEWALK GUTTER DRAIN	0.00	0%	0.00	0%	-1,671.47	100%	0.00	0%	100%
104	EDGE DRAIN CONNECTION TO INL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
105	CONCRETE FILLET AND PAN (REIN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
106	CONCRETE FILLET AND PAN (REIN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
107	CONCRETE FILLET AND PAN, (REI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
108	ADA CROSSWALK WITH TRANSITI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
109	ADA CROSSWALK WITH TRANSITI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
110	ADA CROSSWALK WITH TRANSITI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
111	CONCRETE SIDEWALK, 4" NONRE	0.00	0%	0.00	0%	13,294.21	100%	0.00	0%	100%
112	CONCRETE TYPE "C" RETAINING V	0.00	0%	0.00	0%	4,570.24	100%	0.00	0%	100%
113	6" - 9" CURB HEAD WITH SIDEWAL	0.00	0%	0.00	0%	-753.30	100%	0.00	0%	100%
114	DETECTABLE WARNING PANNEL	0.00	0%	0.00	0%	1,291.20	100%	0.00	0%	100%
115	SODDING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%

116	TOPSOIL, PLACE 5" THICK (INCLUD	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
117	SIGN POST, 2" X 2" TUBE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
118	REGULATORY SIGN , R1-1 (STOP)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
119	REGULATORY SIGN , D3 (STREET	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
120	COORDINATE RELOCATION OF ST	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
121	AUTUMN BLAZE MAPLE - MINIMUM	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
122	LINDEN, GREENSPIRE - MINIMUM	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
123	MALLUS SPRING SNOW CRAB (FR	0.00	0%	0.00	0%	381.85	100%	0.00	0%	100%
124	REMOVE 8"x6"x8" TEE	0.00	0%	193.00	100%	0.00	0%	0.00	0%	100%
125	ADDITIONAL LANDSCAPING	0.00	0%	0.00	0%	2,635.00	100%	0.00	0%	100%
126	LIQUIDATED DAMAGES	-768.00	16%	-1,152.00	24%	-2,592.00	54%	-288.00	6%	100%
		(\$13,641.21)		(\$7,391.60)		(\$8,677.37)		\$550.74		(\$29,159.44)