CITY of RAPID CITY

Agenda Item Summary

Public Works Committee Meeting Date: 6/25/19	**City Council Meeting Date:** 7/1/19
Staff Contact: Klare Schroeder	**Petitioner:** City of Rapid City
Location:	

Agenda Title:

Approve Change Order #2 to R.C.S. Construction, Inc. for Willow Avenue, Ivy Avenue, Fairlane Drive, Street and Utility Reconstruction Project, Project #15-2254 / CIP NO. 50421.3-1C for an increase of $45,840.25 plus 8 additional days.

Summary:

Approve Change Order #2 to R.C.S. Construction, Inc. for Willow Avenue, Ivy Avenue, Fairlane Drive, Street and Utility Reconstruction Project, Project #15-2254 / CIP NO. 50421.3-1C for an increase of $45,840.25 plus 8 additional days. Quantities adjusted as necessary to complete the project.

Funding Source & Fiscal Impact *(if applicable)*:

Fund	Cost Center
609	7402
505	8911
505	8910

Fund	Cost Center
604	833
602	933

[x] Budgeted [ ] Not Budgeted

Recommendation:

Action: Approve
Notes:

City Council Options:

Attachments & Links:

Change order		

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1
WILLOW AVENUE, IVY AVENUE, FAIRLANE DRIVE, STREET AND UTILITY RECONSTRUCTION PROJECT
PROJECT NO. 15-2254 / CIP NO. 50421.3-1C
June 10, 2019
ORIGINAL CONTRACT AMOUNT: $2,515,428.34
CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	$90,768.96	$90,768.96	1.00	$90,768.96	$0.00
2	INCIDENTAL WORK	LS	1.00	$59,854.21	$59,854.21	1.00	$59,854.21	$0.00
3	CONSTRUCTION STAKING	LS	1.00	$22,401.60	$22,401.60	1.00	$22,401.60	$0.00
4	TRAFFIC CONTROL	LS	1.00	$5,718.30	$5,718.30	1.00	$5,718.30	$0.00
5	TRAFFIC CONTROL SIGNS	SF	160.00	$14.15	$2,264.00	160.00	$2,264.00	$0.00
6	DETOUR SIGNING	SF	42.00	$4.72	$198.24	42.00	$198.24	$0.00
7	SIDED	EA	5.00	$176.86	$884.30	5.00	$884.30	$0.00
8	VEHICLE TRACKING CONTROL	EA	8.00	$959.87	$7,678.96	8.00	$7,678.96	$0.00
9	VEHICLE TRACKING CONTROL	TON	150.00	$23.95	$3,592.50	150.00	$3,592.50	$0.00
10	GRAVEL FILTER SOCKS	LF	54.00	$11.79	$636.66	54.00	$636.66	$0.00
11	SOCKS	LF	108.00	$2.36	$254.88	108.00	$254.88	$0.00
12	REMOVE GRAVEL FILTER SOCKS	LF	54.00	$5.90	$318.60	54.00	$318.60	$0.00
13	(SCW), 9" DIAMETER	LF	2,168.00	$2.66	$5,766.88	2,168.00	$5,766.88	$0.00
14	CONTROL WATTLE	LF	2,999.00	$1.77	$5,308.23	2,999.00	$5,308.23	$0.00
15	WATTLE	LF	2,168.00	$0.59	$1,279.12	2,168.00	$1,279.12	$0.00
16	INLET PROTECTION DEVICE (IP)	EA	4.00	$206.33	$825.32	4.00	$825.32	$0.00
17	PROTECTION DEVICE (IP)	EA	3.00	$23.58	$70.74	3.00	$70.74	$0.00
18	DEVICE (IP)	EA	4.00	$11.79	$47.16	4.00	$47.16	$0.00
19	SURFACING, BASE COURSE	TON	1,350.00	$19.64	$26,514.00	1,350.00	$26,514.00	$0.00
20	UNCLASSIFIED EXCAVATION	CY	7,530.00	$8.97	$67,544.10	7,530.00	$67,544.10	$0.00
21	UNDERCUT	CY	3,912.00	$4.18	$16,352.16	3,912.00	$16,352.16	$0.00
22	(TRENCH)	CY	250.00	$10.73	$2,682.50	250.00	$2,682.50	$0.00
23	(GRADING)	CY	150.00	$10.73	$1,609.50	150.00	$1,609.50	$0.00
24	SODDING	SY	6,700.00	$5.90	$39,530.00	6,700.00	$39,530.00	$0.00
25	(INCLUDING 1" INCORPORATED 3/8	CY	1,124.00	$26.13	$29,370.12	1,124.00	$29,370.12	$0.00
26	TYPE I BEDDING MATERIAL	TON	300.00	$21.42	$6,426.00	300.00	$6,426.00	$0.00
27	TYPE II FOUNDATION MATERIAL	TON	300.00	$21.42	$6,426.00	300.00	$6,426.00	$0.00
28	TYPE III FOUNDATION MATERIAL	TON	100.00	$22.96	$2,296.00	100.00	$2,296.00	$0.00

29	TYPE IV FOUNDATION MATERIAL	TON	100.00	$28.58	$2,858.00	100.00	$2,858.00	$0.00
30	BACKFILL MATERIAL (TRENCH)	CY	80.00	$124.50	$9,960.00	80.00	$9,960.00	$0.00
31	AASHTO T-180 SOIL TEST	EA	6.00	$176.86	$1,061.16	6.00	$1,061.16	$0.00
32	CORNER & POINTS OF	EA	16.00	$82.53	$1,320.48	16.00	$1,320.48	$0.00
33	CLEARING & GRUBBING	LS	1.00	$1,292.40	$1,292.40	1.00	$1,292.40	$0.00
34	TREES	EA	7.00	$317.43	$2,222.01	7.00	$2,222.01	$0.00
35	TREES	EA	6.00	$382.05	$2,292.30	6.00	$2,292.30	$0.00
36	TREES	EA	2.00	$647.33	$1,294.66	2.00	$1,294.66	$0.00
37	TREES	EA	1.00	$979.96	$979.96	1.00	$979.96	$0.00
38	CLEARING & GRUBBING, STUMP	EA	5.00	$258.48	$1,292.40	5.00	$1,292.40	$0.00
39	MANHOLE	EA	7.00	$584.75	$4,093.25	7.00	$4,093.25	$0.00
40	RETAINING WALL	LF	65.00	$7.21	$468.65	65.00	$468.65	$0.00
41	REMOVE GRAVEL DRIVEWAY	SY	224.00	$2.59	$580.16	224.00	$580.16	$0.00
42	PAVEMENT (INCLUDES CURB &	SY	11,409.00	$3.82	$43,582.38	11,409.00	$43,582.38	$0.00
43	APPROACH PAVEMENT	SY	1,321.00	$4.01	$5,297.21	1,321.00	$5,297.21	$0.00
44	REMOVE PCC SIDEWALK	SY	2,834.00	$2.12	$6,008.08	2,834.00	$6,008.08	$0.00
45	FENCE	LF	682.00	$16.51	$11,259.82	682.00	$11,259.82	$0.00
46	WOOD FENCE	LF	140.00	$14.15	$1,981.00	140.00	$1,981.00	$0.00
47	PRIVACY FENCE	LF	80.00	$14.15	$1,132.00	80.00	$1,132.00	$0.00
48	REMOVE PCC STEPS	SY	13.70	$22.18	$303.87	13.70	$303.87	$0.00
49	REMOVE CURB STOP AND BOX	EA	45.00	$100.67	$4,530.15	45.00	$4,530.15	$0.00
50	VALVE AND LEAD	EA	2.00	$516.96	$1,033.92	2.00	$1,033.92	$0.00
51	FOOT)	EA	1.00	$452.34	$452.34	1.00	$452.34	$0.00
52	FOOT)	EA	2.00	$387.72	$775.44	2.00	$775.44	$0.00
53	REMOVE 18" RCP	LF	12.00	$12.93	$155.16	12.00	$155.16	$0.00
54	REMOVE 12" RCP	LF	43.00	$12.93	$555.99	43.00	$555.99	$0.00
55	REMOVE 72" RCP ARCH	LF	17.50	$32.65	$571.38	17.50	$571.38	$0.00
56	REGULATORY SIGN ASSEMBLY	EA	2.00	$117.90	$235.80	2.00	$235.80	$0.00
57	RETURN TO CITY YARD	EA	4.00	$23.58	$94.32	4.00	$94.32	$0.00
58	RETURN TO CITY YARD	EA	3.00	$47.16	$141.48	3.00	$141.48	$0.00
59	ASSEMBLY POST WITH	EA	1.00	$47.16	$47.16	1.00	$47.16	$0.00
60	ASSEMBLY, REGULATORY SIGNS	EA	2.00	$29.48	$58.96	2.00	$58.96	$0.00
61	BYPASS PUMPING	LS	1.00	$10,475.24	$10,475.24	1.00	$10,475.24	$0.00
62	MAIN	EA	6.00	$998.00	$5,988.00	6.00	$5,988.00	$0.00
63	6')	EA	5.00	$3,768.52	$18,842.60	5.00	$18,842.60	$0.00
64	(0'-6')	EA	5.00	$3,908.52	$19,542.60	5.00	$19,542.60	$0.00

65	EXTRA MANHOLE DEPTH, 48" DIA	VF	25.40	$254.80	$6,471.92	25.40	$6,471.92	$0.00
66	ADJUST EXISTING MANHOLE RIM	EA	2.00	$166.65	$333.30	2.00	$333.30	$0.00
67	8" PVC SEWER MAIN, SDR-35 (6'-8')	LF	180.00	$34.73	$6,251.40	180.00	$6,251.40	$0.00
68	10')	LF	1,509.00	$35.45	$53,494.05	1,509.00	$53,494.05	$0.00
69	SERVICE CLEANOUT	EA	43.00	$209.22	$8,996.46	43.00	$8,996.46	$0.00
70	SERVICE	EA	43.00	$214.91	$9,241.13	43.00	$9,241.13	$0.00
71	SERVICE LINE	LF	1,561.50	$29.73	$46,423.40	1,561.50	$46,423.40	$0.00
72	MAIN	EA	2.00	$1,106.56	$2,213.12	2.00	$2,213.12	$0.00
73	HYDRANT LEAD	EA	2.00	$844.85	$1,689.70	2.00	$1,689.70	$0.00
74	VALVE	EA	1.00	$272.08	$272.08	1.00	$272.08	$0.00
75	ADJUST WATER VALVE	EA	9.00	$102.03	$918.27	9.00	$918.27	$0.00
76	900, (DR 18)	LF	80.00	$54.66	$4,372.80	80.00	$4,372.80	$0.00
77	900, (DR 18)	LF	10.00	$50.55	$505.50	10.00	$505.50	$0.00
78	8" 90 DEGREE BEND	EA	1.00	$457.48	$457.48	1.00	$457.48	$0.00
79	8" 45 DEGREE BEND	EA	1.00	$434.68	$434.68	1.00	$434.68	$0.00
80	8" 22.5 DEGREE BEND	EA	5.00	$432.92	$2,164.60	5.00	$2,164.60	$0.00
81	8" 11.25 DEGREE BEND, VERTICAL	EA	1.00	$423.71	$423.71	1.00	$423.71	$0.00
82	8" DEFLECTION COUPLING	EA	2.00	$431.81	$863.62	2.00	$863.62	$0.00
83	8" X 6" REDUCER	EA	1.00	$390.94	$390.94	1.00	$390.94	$0.00
84	6" 45 DEGREE BEND	EA	1.00	$372.65	$372.65	1.00	$372.65	$0.00
85	& LEAD	EA	2.00	$5,140.61	$10,281.22	2.00	$10,281.22	$0.00
86	LARGE	EA	4.00	$209.23	$836.92	4.00	$836.92	$0.00
87	WATER SERVICE RECONNECTION	EA	45.00	$220.66	$9,929.70	45.00	$9,929.70	$0.00
88	1" TAPPING SADDLE	EA	45.00	$258.55	$11,634.75	45.00	$11,634.75	$0.00
89	1" CURB STOP AND BOX	EA	45.00	$374.81	$16,866.45	45.00	$16,866.45	$0.00
90	1" COPPER WATER SERVICE	LF	1,755.00	$33.98	$59,634.90	1,755.00	$59,634.90	$0.00
91	WATER MAIN ENCASEMENT, 8"	LF	71.00	$56.39	$4,003.69	71.00	$4,003.69	$0.00
92	(EXISTING WATER MAIN 8")	LF	31.00	$94.07	$2,916.17	31.00	$2,916.17	$0.00
93	STATION	EA	2.00	$315.38	$630.76	2.00	$630.76	$0.00
94	SEWER	EA	4.00	$234.68	$938.72	4.00	$938.72	$0.00
95	(IN 72" ARCH PIPE)	EA	1.00	$4,959.74	$4,959.74	1.00	$4,959.74	$0.00
96	10' X 5' STORM JUNCTION BOX	EA	1.00	$14,498.16	$14,498.16	1.00	$14,498.16	$0.00
97	DETAIL 62-1), 10'	EA	2.00	$7,982.85	$15,965.70	2.00	$15,965.70	$0.00
98	DETAIL 62-1), 10' WITH 24F SNOUT	EA	2.00	$9,284.17	$18,568.34	2.00	$18,568.34	$0.00

99	VANED GRATE (CITY STANDARD	EA	1.00	$3,228.70	$3,228.70	1.00	$3,228.70	$0.00
100	CLASS III	LF	904.00	$346.64	$313,362.56	904.00	$313,362.56	$0.00
101	24" RCP STORM SEWER, CLASS III	LF	131.00	$87.73	$11,492.63	131.00	$11,492.63	$0.00
102	18" RCP STORM SEWER, CLASS III	LF	45.00	$76.04	$3,421.80	45.00	$3,421.80	$0.00
103	24" X 24" X 24" RCP TEE	EA	1.00	$1,371.91	$1,371.91	1.00	$1,371.91	$0.00
104	72" RCP ARCH BEND	EA	3.00	$5,915.27	$17,745.81	3.00	$17,745.81	$0.00
105	72" RCP ARCH CAP	EA	1.00	$1,235.49	$1,235.49	1.00	$1,235.49	$0.00
106	18" RCP CAP	EA	1.00	$332.77	$332.77	1.00	$332.77	$0.00
107	(DETAIL 64-1)	LF	5,693.50	$9.56	$54,429.86	5,693.50	$54,429.86	$0.00
108	WITH STORM SEWER	LF	103.00	$8.65	$890.95	103.00	$890.95	$0.00
109	CLEAN-OUT W/ CAP &/OR	EA	8.00	$354.73	$2,837.84	8.00	$2,837.84	$0.00
110	INLETS, PER INLET	EA	7.00	$189.58	$1,327.06	7.00	$1,327.06	$0.00
111	ACC PAVING MOBILIZATIONS	EA	1.00	$1,179.03	$1,179.03	1.00	$1,179.03	$0.00
112	THICKNESS	TON	2.70	$825.32	$2,228.36	2.70	$2,228.36	$0.00
113	ACC OVERLAY, PG-64-28, 2" THICK	TON	14.50	$353.71	$5,128.80	14.50	$5,128.80	$0.00
114	AGGREGATE BASE COURSE	TON	1,745.00	$19.64	$34,271.80	1,745.00	$34,271.80	$0.00
115	CRUSHED LIMESTONE	TON	53.00	$19.64	$1,040.92	53.00	$1,040.92	$0.00
116	NONREINFORCED, PANEL	SY	100.40	$82.08	$8,240.83	100.40	$8,240.83	$0.00
117	NONREINFORCED, W/ DOWELS	SY	4,022.00	$81.04	$325,942.88	4,022.00	$325,942.88	$0.00
118	PAVEMENT, 6" NON REINFORCED	SY	189.00	$73.08	$13,812.12	189.00	$13,812.12	$0.00
119	APPROACH PAVEMENT, 6" NON	SY	264.50	$75.32	$19,922.14	264.50	$19,922.14	$0.00
120	PAVEMENT, 6" REINFORCED	SY	12.00	$82.08	$984.96	12.00	$984.96	$0.00
121	PAVEMENT, 6" REINFORCED	SY	72.00	$84.33	$6,071.76	72.00	$6,071.76	$0.00
122	NON REINFORCED	SY	1,340.00	$73.08	$97,927.20	1,340.00	$97,927.20	$0.00
123	REINFORCED	SY	385.00	$82.08	$31,600.80	385.00	$31,600.80	$0.00
124	TYPE B67.5 CURB AND GUTTER	LF	2,001.00	$21.39	$42,801.39	2,001.00	$42,801.39	$0.00
125	TYPE P7.5 GUTTER	LF	184.00	$21.39	$3,935.76	184.00	$3,935.76	$0.00
126	(REINFORCED), 7.5"	SY	157.10	$112.46	$17,667.47	157.10	$17,667.47	$0.00
127	TRANSITION PAVEMENT	SY	93.80	$82.08	$7,699.10	93.80	$7,699.10	$0.00
128	NONREINFORCED	SF	28,620.00	$4.81	$137,662.20	28,620.00	$137,662.20	$0.00
129	2' TALL)	LF	119.00	$117.78	$14,015.82	119.00	$14,015.82	$0.00
130	MAX	LF	934.00	$22.51	$21,024.34	934.00	$21,024.34	$0.00
131	460.31 W/RAILING	SF	106.00	$140.32	$14,873.92	106.00	$14,873.92	$0.00
132	DETECTABLE WARNING PANNEL	SF	200.00	$39.39	$7,878.00	200.00	$7,878.00	$0.00
133	RETRACTABLE BOLLARDS	EA	3.00	$521.29	$1,563.87	3.00	$1,563.87	$0.00

134	NONRETRACTABLE BOLLARDS	EA	2.00	$645.89	$1,291.78	2.00	$1,291.78	$0.00
135	85)	SF	0.00	$0.00	$0.00	0.00	$0.00	$0.00
136	REINFORCEMENT	SY	2,500.00	$3.73	$9,325.00	2,500.00	$9,325.00	$0.00
137	REINFORCEMENT	SY	4,850.00	$3.73	$18,090.50	4,850.00	$18,090.50	$0.00
138	SIGN POST, 2" X 2" TUBE	EA	3.00	$206.33	$618.99	3.00	$618.99	$0.00
139	REGULATORY SIGN , R1-1 (STOP)	EA	1.00	$100.22	$100.22	1.00	$100.22	$0.00
140	NAME) - WILLOW AVE.	EA	2.00	$49.52	$99.04	2.00	$99.04	$0.00
141	NAME) - EAST UTAH ST.	EA	2.00	$49.52	$99.04	2.00	$99.04	$0.00
142	NAME) - IVY AVE.	EA	2.00	$49.52	$99.04	2.00	$99.04	$0.00
143	NAME) - EAST FAIRLANE DR.	EA	2.00	$49.52	$99.04	2.00	$99.04	$0.00
144	WITH PLATES	EA	2.00	$117.90	$235.80	2.00	$235.80	$0.00
145	CALIPER	EA	1.00	$819.43	$819.43	1.00	$819.43	$0.00
146	2" CALIPER	EA	3.00	$819.43	$2,458.29	3.00	$2,458.29	$0.00
147	CALIPER	EA	2.00	$819.43	$1,638.86	2.00	$1,638.86	$0.00
148	THICK WITH FILTER FABRIC	SY	543.00	$8.82	$4,789.26	543.00	$4,789.26	$0.00
149	(NEENAH R-4999-OX SOLID FRAME	LS	1.00	$6,828.54	$6,828.54	1.00	$6,828.54	$0.00
150	3)	EA	1.00	$379.86	$379.86	1.00	$379.86	$0.00
151	4" PVC SDR-35 DRAIN	LF	18.00	$14.10	$253.80	18.00	$253.80	$0.00
152	4" PVC SDR-35 CAP	EA	1.00	$69.87	$69.87	1.00	$69.87	$0.00
153	(WESTERN EXCELSIOR PP5	SY	270.00	$6.48	$1,749.60	270.00	$1,749.60	$0.00
154	EMBANKMENT MATERIAL	CY	3,809.00	$7.76	$29,557.84	3,809.00	$29,557.84	$0.00
155	0	0.00		$0.00			$0.00	
156	ACC PAVING MOBILIZATION	LS	3.00	$1,179.03	$3,537.09	3.00	$3,537.09	$0.00
157	TYPE 1, PG64-28	TON	1,358.00	$99.63	$135,297.54	1,358.00	$135,297.54	$0.00
158	AGGREGATE BASE COURSE, 3/4"	TON	2,351.00	$21.18	$49,794.18	2,351.00	$49,794.18	$0.00
159	REINFORCEMENT	SY	2,500.00	$3.73	$9,325.00	2,500.00	$9,325.00	$0.00
160	REINFORCEMENT	SY	6,300.00	$3.73	$23,499.00	6,300.00	$23,499.00	$0.00
161	PCC PAVEMENT, 6" REINFORCED	SY	221.00	$82.08	$18,139.68	221.00	$18,139.68	$0.00
162	(REINFORCED), 6"	SY	105.50	$107.97	$11,390.84	105.50	$11,390.84	$0.00
163	TRANSITION PAVEMENT	SY	44.00	$82.08	$3,611.52	44.00	$3,611.52	$0.00
164	TYPE B66 CURB AND GUTTER	LF	2,621.50	$20.26	$53,111.59	2,621.50	$53,111.59	$0.00
165	TYPE P6 GUTTER	LF	622.50	$20.26	$12,611.85	622.50	$12,611.85	$0.00
166	Remove trees 6"-12"	EA	0.00	$300.00	$0.00	7.00	$2,100.00	$2,100.00
167	repair sump	LS	0.00	$1,426.08	$0.00	14.00	$19,965.12	$19,965.12
168	Expose and backfill valves	EA	0.00	$1,643.51	$0.00	14.00	$23,009.14	$23,009.14
169	remove existing concrete encasement	LS	0.00	$765.99	$0.00	1.00	$765.99	$765.99
	TOTAL				**$2,515,428.34**			**$2,561,268.59**

C.C.O. HISTORY INCREASE/(DECREASE)			
CCO #1	$45,840.25	PRIOR ADJUSTED CONTRACT PRICE:	$2,515,428.34
	$0.00	NET INCREASE/(DECREASE):	$45,840.25
	$0.00	ADJUSTED CONTRACT PRICE:	$2,561,268.59
		CHANGE TO DATE:	$45,840.25

6/12/19

CONTRACTOR: R.C.S. CONSTRUCTION, INC. DATE

6/12/19

PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE

6-12-19

CITY ENGINEER: TED JOHNSON, P.E. DATE

MAYOR: STEVE ALLENDER DATE

FINANCE: PAULINE SUMPTION DATE

CONTRACT TIME CHANGE +/-: 0 + NEW CONTRACT TIME: 8 Days

City Staff recommends approval of this Change Order #1 to R.C.S. Construction, Inc. for an increase of $45,840.25 plus 8 additional days based on unit pricing with the following appropriation:

Initial Funding	$233,786.11	$157,713.90	$1,708,006.98	$54,948.87	$360,972.48		$2,515,428.34
Fund Type	Sanitary Sewer	Water	Streets	Drainage	Stormwater		
Department	833 / 834	933 / 934	8910	8911	7402		
Line Item	4380	4381	4370	4371	4371		
Fund	0604	0602	0505	0505	609		
CCO #1	$0.00	$23,775.13	$2,100.00	$19,965.12	$0.00		$45,840.25
							$0.00
							$0.00
Adjusted Funding	$233,786.11	$181,489.03	$1,710,106.98	$74,913.99	$360,972.48	$2,561,268.58	$2,561,268.59

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1
WILLOW AVENUE, IVY AVENUE, FAIRLANE DRIVE, STREET AND UTILITY RECONSTRUCTION PROJECT
PROJECT NO. 15-2254 / CIP NO. 50421.3-1C
June 10, 2019
ORIGINAL CONTRACT AMOUNT: $2,515,428.34
CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
166	Remove trees 6"-12"	Plans error shown in plans but not bid items
167	repair sump	Repair yard drain from previous project that was not working.
168	Expose and backfill valves	Existing valves were exposed so utility maitenance could do maitenance .
169	remove existing concrete encasement	Existing concrete encasement was in conflict with new sewer line instllment.
	8 additional days	

PREPARED BY: Klare Schroeder

DATE: 6/10/19

	FUNDING TYPE	Sanitary Sewer		Water		Streets		Drainage		Stormwater	
	COST CENTER	833 / 834		933 / 934		8910		8911		7402	
	LINE ITEM	4380		4381		4370		4371		4371	
	FUND	0604		0602		0505		0505		0609	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
1	MOBILIZATION	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
2	INCIDENTAL WORK	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
3	CONSTRUCTION STAKING	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
4	TRAFFIC CONTROL	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
5	TRAFFIC CONTROL SIGNS	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
6	DETOUR SIGNING	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
7	TYPE 3 BARRICADE, 8' SINGLE SIDED	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
8	CONSTRUCTION ENTRANCE - VEHICLE T	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
9	GRANULAR MATERIAL FOR VEHICLE TR/	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
10	GRAVEL FILTER SOCKS	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
11	REMOVE & RESET GRAVEL FILTER SOCI	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
12	REMOVE GRAVEL FILTER SOCKS	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
13	SEDIMENT CONROL WATTLE (SCW), 9" D	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
14	REMOVE & RESET SEDIMENT CONTROL	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
15	REMOVE SEDIMENT CONTROL WATTLE	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
16	INLET PROTECTION DEVICE (IP)	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
17	REMOVE & RESET INLET PROTECTION D	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
18	REMOVE INLET PROTECTION DEVICE (IF	0.00	10%	0.00	5%	0.00	75%	0.00	0%	0.00	10%
19	TEMPORARY GRAVEL SURFACING, BAS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
20	UNCLASSIFIED EXCAVATION	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
21	UNDERCUT	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
22	IMPORTED BACKFILL MATERIAL (TRENC	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%
23	IMPORTED BACKFILL MATERIAL (GRADI	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%
24	SODDING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
25	TOPSOIL, PLACE 5" THICK (INCLUDING 1	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
26	TYPE I BEDDING MATERIAL	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%
27	TYPE II FOUNDATION MATERIAL	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%
28	TYPE III FOUNDATION MATERIAL	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%

29	TYPE IV FOUNDATION MATERIAL	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%
30	CONTROLLED LOW STRENGTH BACKFIL	0.00	70%	0.00	30%	0.00	0%	0.00	0%	0.00	0%
31	AASHTO T-180 SOIL TEST	0.00	25%	0.00	25%	0.00	50%	0.00	0%	0.00	0%
32	RE-ESTABLISH PROPERTY CORNER & P	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
33	CLEARING & GRUBBING	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
34	CLEARING & GRUBBING, 12" - 18" TREES	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
35	CLEARING & GRUBBING, 18" - 24" TREES	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
36	CLEARING & GRUBBING, 24" - 36" TREES	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
37	CLEARING & GRUBBING, 36" - 48" TREES	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
38	CLEARING & GRUBBING, STUMP	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
39	REMOVE SANITARY SEWER MANHOLE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
40	DEMO VARIABLE HEIGHT RETAINING WA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
41	REMOVE GRAVEL DRIVEWAY	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
42	REMOVE CONCRETE/ASPHALT PAVEME	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
43	REMOVE PCC DRIVEWAY AND APPROAC	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
44	REMOVE PCC SIDEWALK	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
45	REMOVE AND RESET CHAIN LINK FENCE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
46	REMOVE AND RESET SPLIT RAIL WOOD	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
47	REMOVE AND RESET WOOD PRIVACY FE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
48	REMOVE PCC STEPS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
49	REMOVE CURB STOP AND BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
50	REMOVE FIRE HYDRANT AUX. VALVE AN	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
51	REMOVE TYPE "E" DROP INLET (11-FOO	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
52	REMOVE TYPE "E" DROP INLET (6-FOOT)	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
53	REMOVE 18" RCP	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
54	REMOVE 12" RCP	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
55	REMOVE 72" RCP ARCH	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
56	REMOVE AND RESET REGULATORY SIG	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
57	REMOVE POST REFLECTORS, RETURN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
58	REMOVE RED DIAMOND SIGNS, RETURN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
59	REMOVE TRAFFIC SIGN ASSEMBLY POS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
60	REMOVE TRAFFIC SIGN ASSEMBLY, REC	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
61	BYPASS PUMPING	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
62	CONNECT TO EXISTING SEWER MAIN	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
63	STANDARD MANHOLE, 48" DIA (0'-6')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
64	TERMINATION MANHOLE, 48" DIA (0'-6')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

65	EXTRA MANHOLE DEPTH, 48" DIA	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
66	ADJUST EXISTING MANHOLE RIM	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
67	8" PVC SEWER MAIN, SDR-35 (6'-8')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
68	8" PVC SEWER MAIN, SDR-35 (8'-10')	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
69	4" PVC SANITARY SEWER SERVICE CLE/	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
70	RECONNECT SANITARY SEWER SERVIC	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
71	4" PVC SANITARY SEWER SERVICE LINE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
72	CONNECT TO EXISTING WATER MAIN	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
73	CONNECT TO EXISTING FIRE HYDRANT I	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
74	ADJUST FIRE HYDRANT AND AUX. VALVE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
75	ADJUST WATER VALVE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
76	8" PVC WATER MAIN, AWWA C-900, (DR	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
77	6" PVC WATER MAIN, AWWA C-900, (DR	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
78	8" 90 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
79	8" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
80	8" 22.5 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
81	8" 11.25 DEGREE BEND, VERTICAL	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
82	8" DEFLECTION COUPLING	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
83	8" X 6" REDUCER	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
84	6" 45 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
85	FIRE HYDRANT WITH AUX. VALVE & LEA	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
86	6" TRACER WIRE ACCESS BOX, LARGE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
87	WATER SERVICE RECONNECTION	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
88	1" TAPPING SADDLE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
89	1" CURB STOP AND BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
90	1" COPPER WATER SERVICE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
91	WATER MAIN ENCASEMENT, 8"	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
92	WATER MAIN ENCASEMENT (EXISTING V	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
93	CATHODIC CONTROL TEST STATION	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%
94	CONNECT TO EXISTING STORM SEWER	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
95	24" RISER PIPE W/ FRAME AND LID (IN 7	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
96	10' X 5' STORM JUNCTION BOX	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
97	TYPE "E" INLET (CITY STANDARD DETAIL	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
98	TYPE "E" INLET (CITY STANDARD DETAIL	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%

99	TYPE SPECIAL "B" INLET WITH VANED G	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
100	72" RCP ARCH STORM SEWER, CLASS II	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
101	24" RCP STORM SEWER, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
102	18" RCP STORM SEWER, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
103	24" X 24" X 24" RCP TEE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
104	72" RCP ARCH BEND	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
105	72" RCP ARCH CAP	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
106	18" RCP CAP	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%
107	6" DIAMETER PIPE UNDERDRAIN (DETAI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
108	6" DIAMETER PIPE UNDERDRAIN WITH S	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
109	6" DIAMETER PIPE UNDERDRAIN CLEAN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
110	EDGE DRAIN CONNECTION TO INLETS, F	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
111	ACC PAVING MOBILIZATIONS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
112	ACC DRIVEWAY PAVEMENT, 5" THICKNE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
113	ACC OVERLAY, PG-64-28, 2" THICK	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
114	AGGREGATE BASE COURSE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
115	GRAVEL DRIVEWAY, 6" THICK, CRUSHEI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
116	PCC PAVEMENT, 6" NONREINFORCED, P	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
117	PCC PAVEMENT, 7.5" NONREINFORCED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
118	PCC DRIVEWAY APPROACH PAVEMENT,	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
119	PCC GRADE MODIFIED DRIVEWAY APPR	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
120	PCC DRIVEWAY APPROACH PAVEMENT,	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
121	PCC GRADE MODIFIED APPROACH PAVE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
122	PCC DRIVEWAY PAVEMENT, 6" NON REI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
123	PCC DRIVEWAY PAVEMENT, 6" REINFOR	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
124	TYPE B67.5 CURB AND GUTTER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
125	TYPE P7.5 GUTTER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
126	PCC FILLET AND PAN (REINFORCED), 7.5	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
127	PCC, ADA CROSSWALK WITH TRANSITIO	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
128	PCC SIDEWALK, 4" NONREINFORCED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
129	PCC TYPE "C" RETAINING WALL (0'-2' TA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
130	PCC CURB HEAD AT SIDEWALK, 9" MAX	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
131	PCC STAIRWAY, SD-DOT PLATE 460.31 V	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
132	DETECTABLE WARNING PANNEL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
133	RETRACTABLE BOLLARDS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%

134	NONRETRACTABLE BOLLARDS	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
135	PAVING GRID (TERRAM BODPAVE 85)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
136	WOVEN GEOTEXTILE SUBGRADE REINF	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
137	GEOGRID SUBGRADE REINFORCEMENT	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
138	SIGN POST, 2" X 2" TUBE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
139	REGULATORY SIGN , R1-1 (STOP)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
140	REGULATORY SIGN , D3 (STREET NAME)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
141	REGULATORY SIGN , D3 (STREET NAME)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
142	REGULATORY SIGN , D3 (STREET NAME)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
143	REGULATORY SIGN , D3 (STREET NAME)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
144	RESET REGULATORY SIGN POST WITH F	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
145	HONEY LOCUST - MINIMUM 2" CALIPER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
146	AUTUMN BLAZE MAPLE - MINIMUM 2" CA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
147	JAPANESE LILAC - MINIMUM 2" CALIPER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
148	LANDSCAPE ROCK, 2" DIA., 6" THICK WI	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
149	4'X10' SIDEWALK DRAIN INCLUDES (NEE	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
150	NEENAH CURB OPENING (R-3262-3)	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
151	4" PVC SDR-35 DRAIN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
152	4" PVC SDR-35 CAP	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
153	TURF REINFORCEMENT MAT (WESTERN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
154	HAUL AND DISPOSE OF EXCESS EMBAN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
155	0										
156	ACC PAVING MOBILIZATION	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
157	ASPHALT CONCRETE, CLASS G, TYPE 1,	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
158	AGGREGATE BASE COURSE, 3/4"	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
159	WOVEN GEOTEXTILE SUBGRADE REINF	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
160	GEOGRID SUBGRADE REINFORCEMENT	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
161	PCC PAVEMENT, 6" REINFORCED	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
162	CONCRETE FILLET AND PAN (REINFORC	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
163	PCC CROSSWALK WITH TRANSITION PA	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
164	TYPE B66 CURB AND GUTTER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
165	TYPE P6 GUTTER	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0.00	0%
166	Remove trees 6"-12"	0.00	0%	0.00	0%	2,100.00	100%	0.00	0%	0.00	0%
167	repair sump	0.00	0%	0.00	0%	0.00	0%	19,965.12	100%	0.00	0%
168	Expose and backfill valves	0.00	0%	23,009.14	100%	0.00	0%	0.00	0%	0.00	0%
169	remove existing concrete encasement	0.00	0%	765.99	100%	0.00	0%	0.00	0%	0.00	0%
$45,840.25			$0.00		$23,775.13		$2,100.00		$19,965.12		$0.00