

# CITY of RAPID CITY

## Agenda Item Summary

<b>Working Session Meeting Date:</b> 12/2/20	<b>City Council Meeting Date:</b> 12/7/20
<b>Staff Contact:</b> Roger Hall	<b>Petitioner:</b>
<b>Location:</b>	

**Agenda Title:**

Approve change order 1F to Site Works Specialists, Inc. for St. Cloud Reconstruction, Project #2279/CIP NO.50796 for a decrease of \$44,858.75.

**Summary:**

Approve change order 1F to Site Works Specialists, Inc. for St. Cloud Reconstruction, Project #2279/CIP NO.50796 for a decrease of \$44,858.75. Final quantities were adjusted to complete the project.

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

Fund	Cost Center	Fund	Cost Center
505	8910		

Budgeted       Not Budgeted

**Recommendation:**

Action: Approve

Notes:

**City Council Options:**

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**Attachments & Links:**

Change Order		

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F

St. Cloud Street Reconstruction  
PROJECT NO. 15-2279 / CIP NO. 50796

NOVEMBER 6, 2020

ORIGINAL CONTRACT AMOUNT: \$1,292,647.15  
CONTRACTOR: SITE WORK SPECIALISTS, INC.




LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$45,000.00	\$45,000.00	1.00	\$45,000.00	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$60,000.00	\$60,000.00	1.00	\$60,000.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$9,500.00	\$9,500.00	1.00	\$9,500.00	\$0.00
4	REESTABLISH PROPERTY	EA	5.00	\$1,000.00	\$5,000.00	0.00	\$0.00	(\$5,000.00)
5	CLEAR AND GRUB TREES	EA	1.00	\$1,250.00	\$1,250.00	6.00	\$7,500.00	\$6,250.00
6	CLEAR AND GRUB, STUMP	EA	2.00	\$750.00	\$1,500.00	2.00	\$1,500.00	\$0.00
7	CLEARING AND GRUBBING	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
8	REMOVE SANITARY SEWER	EA	5.00	\$750.00	\$3,750.00	5.00	\$3,750.00	\$0.00
9	REMOVE STORM SEWER	LF	163.00	\$10.00	\$1,630.00	161.00	\$1,610.00	(\$20.00)
10	REMOVE STORM SEWER INLET	EA	1.00	\$800.00	\$800.00	1.00	\$800.00	\$0.00
11	REMOVE GRAVEL SURFACING	SY	138.00	\$8.00	\$1,104.00	132.00	\$1,056.00	(\$48.00)
12	REMOVE ASPHALT CONCRETE	SY	3,716.00	\$8.50	\$31,586.00	4,010.00	\$34,085.00	\$2,499.00
13	REMOVE PCC	SY	386.00	\$11.00	\$4,246.00	388.90	\$4,277.90	\$31.90
14	REMOVE CONCRETE CURB AND	LF	1,423.00	\$5.50	\$7,826.50	1,634.00	\$8,987.00	\$1,160.50
15	REMOVE CONCRETE DRAIN PAN	SY	36.00	\$22.00	\$792.00	36.00	\$792.00	\$0.00
16	REMOVE CONCRETE SIDEWALK	SF	2,862.00	\$2.00	\$5,724.00	3,104.00	\$6,208.00	\$484.00
17	REMOVE RETAINING WALL	LF	288.00	\$10.00	\$2,880.00	288.00	\$2,880.00	\$0.00
18	REMOVE FENCE	LF	81.00	\$5.00	\$405.00	0.00	\$0.00	(\$405.00)
19	REMOVE AND SALVAGE SIGN	EA	5.00	\$110.00	\$550.00	5.00	\$550.00	\$0.00
20	AASHTO T-180 TESTS	EA	4.00	\$175.00	\$700.00	3.00	\$525.00	(\$175.00)
21	UNCLASSIFIED EXCAVATION	CY	2,947.00	\$22.50	\$66,307.50	2,947.00	\$66,307.50	\$0.00
22	UNCLASSIFIED EXCAVATION W/	CY	100.00	\$15.00	\$1,500.00	0.00	\$0.00	(\$1,500.00)
23	EXCAVATION, UNDERCUT	CY	1,338.00	\$7.25	\$9,700.50	0.00	\$0.00	(\$9,700.50)
24	IMPORT FILL MATERIAL, GRADING	CY	100.00	\$9.50	\$950.00	0.00	\$0.00	(\$950.00)
25	TOPSOIL, SALVAGE	CY	401.00	\$8.50	\$3,408.50	100.00	\$850.00	(\$2,558.50)
26	TOPSOIL, STOCKPILE AND	CY	401.00	\$25.00	\$10,025.00	432.00	\$10,800.00	\$775.00
27	SODDING	SY	4,402.00	\$7.50	\$33,015.00	3,150.00	\$23,625.00	(\$9,390.00)
28	SEEDING, FERTILIZING, AND	SY	285.00	\$1.50	\$427.50	0.00	\$0.00	(\$427.50)

29	4" UNDERDRAIN PIPE	LF	526.00	\$15.00	\$7,890.00	610.00	\$9,150.00	\$1,260.00
30	4" UNDERDRAIN LINE CLEANOUT	EA	2.00	\$450.00	\$900.00	2.00	\$900.00	\$0.00
31	CONNECT 4" UNDERDRAIN TO	EA	7.00	\$400.00	\$2,800.00	9.00	\$3,600.00	\$800.00
32	PIPELINE ENCASEMENT	LF	118.00	\$60.00	\$7,080.00	0.00	\$0.00	(\$7,080.00)
33	WATER AND SEWER INSULATION	SF	100.00	\$10.00	\$1,000.00	32.00	\$320.00	(\$680.00)
34	CONTROLLED LOW STRENGTH	CY	100.00	\$160.00	\$16,000.00	0.00	\$0.00	(\$16,000.00)
35	IMPORTED BACKFILL MATERIAL	CY	100.00	\$10.00	\$1,000.00	0.00	\$0.00	(\$1,000.00)
36	TYPE I BEDDING MATERIAL	T	100.00	\$28.00	\$2,800.00	39.81	\$1,114.68	(\$1,685.32)
37	TYPE II FOUNDATION MATERIAL	T	100.00	\$28.00	\$2,800.00	15.89	\$444.92	(\$2,355.08)
38	TYPE III FOUNDATION MATERIAL	T	100.00	\$28.00	\$2,800.00	63.00	\$1,764.00	(\$1,036.00)
39	8" PVC SEWER MAIN (6'-8')	LF	48.00	\$37.50	\$1,800.00	48.00	\$1,800.00	\$0.00
40	8" PVC SEWER MAIN (8'-10')	LF	711.00	\$44.00	\$31,284.00	711.00	\$31,284.00	\$0.00
41	8" PVC SEWER MAIN (10'-12')	LF	267.00	\$55.00	\$14,685.00	267.00	\$14,685.00	\$0.00
42	8" PVC SEWER MAIN (12'-14')	LF	103.00	\$80.00	\$8,240.00	103.00	\$8,240.00	\$0.00
43	4" PVC SANITARY SEWER LINE	LF	534.00	\$26.00	\$13,884.00	528.00	\$13,728.00	(\$156.00)
44	STANDARD MANHOLE (48")	EA	6.00	\$4,300.00	\$25,800.00	5.00	\$21,500.00	(\$4,300.00)
45	DROP MANHOLE (48")	EA	1.00	\$5,800.00	\$5,800.00	1.00	\$5,800.00	\$0.00
46	EXTRA MANHOLE DEPTH (48")	VFT	25.50	\$300.00	\$7,650.00	25.50	\$7,650.00	\$0.00
47	4" PVC SANITARY SEWER	EA	14.00	\$115.00	\$1,610.00	14.00	\$1,610.00	\$0.00
48	RECONNECT SANITARY SEWER	EA	15.00	\$500.00	\$7,500.00	15.00	\$7,500.00	\$0.00
49	CONNECT TO EXISTING SANITARY	EA	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00
50	CONNECT TO EXISTING SEWER	EA	1.00	\$1,800.00	\$1,800.00	1.00	\$1,800.00	\$0.00
51	REPAIR MANHOLE	EA	1.00	\$3,500.00	\$3,500.00	1.00	\$3,500.00	\$0.00
52	BYPASS PUMPING	LS	1.00	\$30,000.00	\$30,000.00	1.00	\$30,000.00	\$0.00
53	8" CAP	EA	1.00	\$60.00	\$60.00	0.00	\$0.00	(\$60.00)
54	6" PVC WATER MAIN, C-900,	LF	30.00	\$38.00	\$1,140.00	30.00	\$1,140.00	\$0.00
55	10" PVC WATER MAIN, C-900,	LF	1,257.00	\$50.00	\$62,850.00	1,257.00	\$62,850.00	\$0.00
56	10" 11.25 DEGREE BEND	EA	3.00	\$550.00	\$1,650.00	3.00	\$1,650.00	\$0.00
57	10" 45 DEGREE BEND	EA	14.00	\$550.00	\$7,700.00	14.00	\$7,700.00	\$0.00
58	10" X 10" CROSS	EA	1.00	\$1,050.00	\$1,050.00	1.00	\$1,050.00	\$0.00
59	10" HIGH DEFLECTION COUPLING	EA	2.00	\$450.00	\$900.00	2.00	\$900.00	\$0.00
60	10" X 6" REDUCER	EA	2.00	\$350.00	\$700.00	2.00	\$700.00	\$0.00
61	10" X 10" X 6" TEE	EA	3.00	\$750.00	\$2,250.00	3.00	\$2,250.00	\$0.00
62	10" X 10" X 10" TEE	EA	1.00	\$875.00	\$875.00	1.00	\$875.00	\$0.00
63	10" GATE VALVE AND BOX	EA	8.00	\$2,375.00	\$19,000.00	8.00	\$19,000.00	\$0.00
64	STANDARD FIRE HYDRANT, AUX	EA	3.00	\$5,000.00	\$15,000.00	3.00	\$15,000.00	\$0.00

65	1" COPPER SERVICE LINE	LF	430.00	\$30.00	\$12,900.00	426.00	\$12,780.00	(\$120.00)
66	1" TAPPING SADDLE	EA	13.00	\$600.00	\$7,800.00	13.00	\$7,800.00	\$0.00
67	1" CURB STOP AND BOX	EA	12.00	\$375.00	\$4,500.00	12.00	\$4,500.00	\$0.00
68	CONNECT TO EXISTING WATER	EA	5.00	\$500.00	\$2,500.00	5.00	\$2,500.00	\$0.00
69	RECONNECT WATER SERVICE	EA	11.00	\$450.00	\$4,950.00	11.00	\$4,950.00	\$0.00
70	CATHODIC PROTECTION TEST	EA	2.00	\$700.00	\$1,400.00	2.00	\$1,400.00	\$0.00
71	TRACER WIRE ACCESS BOX	EA	8.00	\$120.00	\$960.00	8.00	\$960.00	\$0.00
72	18" RCP, CLASS III	LF	84.00	\$60.00	\$5,040.00	84.00	\$5,040.00	\$0.00
73	21" RCP, CLASS III	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
74	30" RCP, CLASS III	LF	692.00	\$88.00	\$60,896.00	692.00	\$60,896.00	\$0.00
75	18" RCP, CLASS III, O-RING	LF	378.00	\$70.00	\$26,460.00	378.00	\$26,460.00	\$0.00
76	30" RCP, CLASS III, O-RING	LF	82.00	\$100.00	\$8,200.00	82.00	\$8,200.00	\$0.00
77	18" RCP, FLARED END SECTION	EA	2.00	\$900.00	\$1,800.00	2.00	\$1,800.00	\$0.00
78	21" RCP, 30 DEGREE BEND	EA	0.00	\$900.00	\$0.00	1.00	\$900.00	\$900.00
79	TYPE "B" INLET	EA	1.00	\$4,100.00	\$4,100.00	1.00	\$4,100.00	\$0.00
80	SPECIAL TYPE "B" INLET, 3' X 4'	EA	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
81	SPECIAL TYPE "B" INLET, 4' X 4'	EA	8.00	\$5,300.00	\$42,400.00	8.00	\$42,400.00	\$0.00
82	CONNECT TO EXISTING STORM	EA	2.00	\$825.00	\$1,650.00	2.00	\$1,650.00	\$0.00
83	CONNECT TO EXISTING STORM	EA	1.00	\$1,375.00	\$1,375.00	1.00	\$1,375.00	\$0.00
84	EROSION AND SEDIMENT	LS	1.00	\$8,075.00	\$8,075.00	1.00	\$8,075.00	\$0.00
85	GRAVEL FILTER SOCKS	LF	185.00	\$6.00	\$1,110.00	46.00	\$276.00	(\$834.00)
86	TURF REINFORCEMENT MAT,	SY	285.00	\$6.50	\$1,852.50	0.00	\$0.00	(\$1,852.50)
87	VEHICLE TRACKING CONTROL	EA	7.00	\$1,500.00	\$10,500.00	0.00	\$0.00	(\$10,500.00)
88	EROSION CONTROL, PERIMETER	LF	706.00	\$4.50	\$3,177.00	88.00	\$396.00	(\$2,781.00)
89	INLET PROTECTION	EA	10.00	\$150.00	\$1,500.00	3.00	\$450.00	(\$1,050.00)
90	SWEEPING	HR	100.00	\$175.00	\$17,500.00	10.00	\$1,750.00	(\$15,750.00)
91	AGGREGATE BASE COURSE	T	2,524.80	\$26.50	\$66,907.20	2,524.80	\$66,907.20	\$0.00
92	GRAVEL SURFACING, PERMANENT	T	29.20	\$28.00	\$817.60	0.00	\$0.00	(\$817.60)
93	GRAVEL SURFACING,	T	1,000.00	\$28.00	\$28,000.00	1,505.00	\$42,140.00	\$14,140.00
94	GEOGRID	SY	100.00	\$7.00	\$700.00	3,280.00	\$22,960.00	\$22,260.00
95	AC PAVEMENT, CLASS G, TYPE 1,	T	1,026.20	\$96.00	\$98,515.20	1,141.60	\$109,593.60	\$11,078.40
96	PCC APPROACH PAVEMENT, 6"	SY	28.00	\$140.00	\$3,920.00	28.00	\$3,920.00	\$0.00
97	PCC DRIVEWAY PAVEMENT, 6"	SY	52.00	\$135.00	\$7,020.00	53.00	\$7,155.00	\$135.00
98	PCC APPROACH PAVEMENT, 6"	SY	148.00	\$77.00	\$11,396.00	146.00	\$11,242.00	(\$154.00)

99	PCC DRIVEWAY PAVEMENT, 4"	SY	196.00	\$64.00	\$12,544.00	222.00	\$14,208.00	\$1,664.00
100	CONCRETE CURB AND GUTTER,	LF	1,494.80	\$29.00	\$43,349.20	1,720.00	\$49,880.00	\$6,530.80
101	CONCRETE CURB AND GUTTER,	LF	336.30	\$34.00	\$11,434.20	338.00	\$11,492.00	\$57.80
102	SPECIAL CONCRETE CURB AND	LF	248.70	\$32.00	\$7,958.40	250.10	\$8,003.20	\$44.80
103	CONCRETE "P6" GUTTER	LF	250.00	\$40.00	\$10,000.00	252.00	\$10,080.00	\$80.00
104	CONCRETE FILLET AND PAN, 6"	SY	204.00	\$110.00	\$22,440.00	202.00	\$22,220.00	(\$220.00)
105	RAISED MEDIAN TYPE PAVEMENT,	SY	79.00	\$100.00	\$7,900.00	79.00	\$7,900.00	\$0.00
106	CONCRETE SIDEWALK, 4" NON-	SF	4,968.00	\$7.50	\$37,260.00	5,210.00	\$39,075.00	\$1,815.00
107	DETECTABLE WARNING PANEL	SF	72.00	\$21.00	\$1,512.00	72.00	\$1,512.00	\$0.00
108	CONCRETE TYPE C RETAINING	LF	120.10	\$125.00	\$15,012.50	129.00	\$16,125.00	\$1,112.50
109	KEYSTONE BLOCK RETAINING	SF	372.00	\$35.00	\$13,020.00	348.00	\$12,180.00	(\$840.00)
110	ALUMINUM STEEL TUBE RAIL,	LF	88.00	\$40.00	\$3,520.00	88.00	\$3,520.00	\$0.00
111	WOOD FENCE	LF	81.00	\$20.00	\$1,620.00	0.00	\$0.00	(\$1,620.00)
112	DECIDUOUS TREE (1"-2")	EA	1.00	\$325.00	\$325.00	4.00	\$1,300.00	\$975.00
113	PAVEMENT MARKING 24" WHITE	LF	38.00	\$1.20	\$45.60	28.00	\$33.60	(\$12.00)
114	REGULATORY SIGN	EA	3.00	\$350.00	\$1,050.00	3.00	\$1,050.00	\$0.00
115	STREET SIGN, D3 (STREET NAME)	EA	4.00	\$500.00	\$2,000.00	4.00	\$2,000.00	\$0.00
116	TRAFFIC CONTROL,	LS	1.00	\$8,500.00	\$8,500.00	1.00	\$8,500.00	\$0.00
117	FLAGGING	HR	100.00	\$35.00	\$3,500.00	50.00	\$1,750.00	(\$1,750.00)
118	TRAFFIC CONTROL	UNIT	1,645.00	\$2.65	\$4,359.25	1,632.00	\$4,324.80	(\$34.45)
119	24" RCP, CLASS III PIPE, WITH	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
120	10" Bell Restraints	EA	0.00	\$475.00	\$0.00	20.00	\$9,500.00	\$9,500.00
121	Hydroseeding	SF	0.00	\$3.75	\$0.00	3,000.00	\$11,250.00	\$11,250.00
122	Sprinkler Repair	LS	0.00	\$8,000.00	\$0.00	1.00	\$8,000.00	\$8,000.00
123	Liquidated Damages	DY	0.00	(\$800.00)	\$0.00	56.00	(\$44,800.00)	(\$44,800.00)
<b>TOTAL</b>					<b>\$1,292,647.15</b>		<b>\$1,247,788.40</b>	<b>(\$44,858.75)</b>

C.C.O. HISTORY INCREASE/(DECREASE) PRIOR ADJUSTED CONTRACT PRICE : \$1,292,647.15  
 CCO #1F (\$44,858.75) NET INCREASE/(DECREASE): (\$44,858.75)  
 \$0.00 ADJUSTED CONTRACT PRICE: \$1,247,788.40  
 \$0.00 CHANGE TO DATE: (\$44,858.75)

 CONTRACTOR: SITE WORKS/SPECIALISTS, INC. DATE: 11/20/2020  
 PROJECT MANAGER: ROGER HALL, P.E. DATE: 20 Nov 20  
 CITY ENGINEER: TED JOHNSON, P.E. DATE: 11-20-20  
 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 Works Specialists, Inc. for a decrease of \$44,858.75 based on unit pricing with the following appropriation:

Initial Funding	\$333,466.42	\$341,299.45	\$253,004.02	\$364,877.26	\$1,292,647.15
Fund Type	Sanitary Sewer	Water	Streets	Drainage	
Department	833 / 834	933 / 934	8910	8911	
Line Item	4380	4381	4370	4371	
Fund	0604	0602	0505	0505	
CCO #1F	(\$29,609.80)	(\$22,103.08)	\$13,720.09	(\$6,865.96)	(\$44,858.75)
					\$0.00
					\$0.00
Adjusted Funding	\$303,856.62	\$319,196.37	\$266,724.11	\$358,011.30	\$1,247,788.40
Street Reconstruction					

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**

St. Cloud Street Reconstruction

PROJECT NO. 15-2279 / CIP NO. 50796

NOVEMBER 6, 2020

**ORIGINAL CONTRACT AMOUNT: \$1,292,647.15**

**CONTRACTOR: SITE WORK SPECIALISTS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
120	10" Bell Restraints	Required by design engineer, was omitted in plan notes
121	Hydroseeding	Changed conditions eliminated turf blanket and allowed hydroseeding
122	Sprinkler Repair	Sprinkler repairs were required at certain locations
123	Liquidated Damages	56 days charged for delayed completion
	All other items	Adjusted to actual final quantities.

PREPARED BY: Roger Hall

DATE: 11/6/20

ITEM NO.	DESCRIPTION OF ITEM	Sanitary Sewer		Water		Streets		Drainage	
		AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
	<b>FUNDING TYPE</b>	<b>833 / 834</b>		<b>933 / 934</b>		<b>8910</b>		<b>8911</b>	
	<b>COST CENTER</b>	<b>4380</b>		<b>4381</b>		<b>4370</b>		<b>4371</b>	
	<b>LINE ITEM</b>								
	<b>FUND</b>	<b>0604</b>		<b>0602</b>		<b>0505</b>		<b>0505</b>	
1	MOBILIZATION	0.00	25%	0.00	30%	0.00	15%	0.00	30%
2	INCIDENTAL WORK	0.00	25%	0.00	30%	0.00	15%	0.00	30%
3	CONSTRUCTION STAKING	0.00	25%	0.00	30%	0.00	15%	0.00	30%
4	REESTABLISH PROPERTY CORNE	-2,500.00	50%	-2,500.00	50%	0.00	0%	0.00	0%
5	CLEAR AND GRUB TREES (VARIO	1,250.00	20%	1,250.00	20%	0.00	0%	3,750.00	60%
6	CLEAR AND GRUB, STUMP	0.00	20%	0.00	20%	0.00	0%	0.00	60%
7	CLEARING AND GRUBBING	0.00	20%	0.00	20%	0.00	0%	0.00	60%
8	REMOVE SANITARY SEWER MANH	0.00	100%	0.00	0%	0.00	0%	0.00	0%
9	REMOVE STORM SEWER	0.00	0%	0.00	0%	0.00	0%	-20.00	100%
10	REMOVE STORM SEWER INLET	0.00	0%	0.00	0%	0.00	0%	0.00	100%
11	REMOVE GRAVEL SURFACING	-28.80	60%	-19.20	40%	0.00	0%	0.00	0%
12	REMOVE ASPHALT CONCRETE PA	624.75	25%	749.70	30%	374.85	15%	749.70	30%
13	REMOVE PCC DRIVEWAY/APPROV	0.00	0%	25.52	80%	3.19	10%	3.19	10%
14	REMOVE CONCRETE CURB AND C	522.23	45%	522.23	45%	116.05	10%	0.00	0%
15	REMOVE CONCRETE DRAIN PAN	0.00	0%	0.00	0%	0.00	0%	0.00	100%
16	REMOVE CONCRETE SIDEWALK	217.80	45%	217.80	45%	48.40	10%	0.00	0%
17	REMOVE RETAINING WALL	0.00	0%	0.00	0%	0.00	0%	0.00	100%
18	REMOVE FENCE	0.00	0%	0.00	0%	0.00	0%	-405.00	100%
19	REMOVE AND SALVAGE SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%
20	AASHTO T-180 TESTS	0.00	0%	0.00	0%	-175.00	100%	0.00	0%
21	UNCLASSIFIED EXCAVATION	0.00	40%	0.00	40%	0.00	20%	0.00	0%
22	UNCLASSIFIED EXCAVATION W/D	-600.00	40%	-600.00	40%	-300.00	20%	0.00	0%
23	EXCAVATION, UNDERCUT	0.00	0%	0.00	0%	-9,700.50	100%	0.00	0%
24	IMPORT FILL MATERIAL, GRADING	0.00	0%	0.00	0%	-950.00	100%	0.00	0%
25	TOPSOIL, SALVAGE	-511.70	20%	-1,023.40	40%	-255.85	10%	-767.55	30%
26	TOPSOIL, STOCKPILE AND REPLA	155.00	20%	310.00	40%	77.50	10%	232.50	30%
27	SODDING	-1,878.00	20%	-3,756.00	40%	-939.00	10%	-2,817.00	30%
28	SEEDING, FERTILIZING, AND MUL	0.00	0%	0.00	0%	0.00	0%	-427.50	100%



29	4" UNDERDRAIN PIPE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,260.00	100%
30	4" UNDERDRAIN LINE CLEANOUT	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%
31	CONNECT 4" UNDERDRAIN TO IN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	800.00	100%
32	PIPELINE ENCASEMENT	0.00	0%	-7,080.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
33	WATER AND SEWER INSULATION	-340.00	50%	-340.00	50%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
34	CONTROLLED LOW STRENGTH M	-6,400.00	40%	-6,400.00	40%	0.00	0%	0.00	0%	-3,200.00	0%	-3,200.00	20%
35	IMPORTED BACKFILL MATERIAL (	-400.00	40%	-400.00	40%	0.00	0%	0.00	0%	-200.00	0%	-200.00	20%
36	TYPE I BEDDING MATERIAL	-842.66	50%	-842.66	50%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
37	TYPE II FOUNDATION MATERIAL	-1,059.79	45%	-1,059.79	45%	-235.51	10%	0.00	0%	0.00	0%	0.00	0%
38	TYPE III FOUNDATION MATERIAL	-466.20	45%	-466.20	45%	-103.60	10%	0.00	0%	0.00	0%	0.00	0%
39	8" PVC SEWER MAIN (6'-8')	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
40	8" PVC SEWER MAIN (8'-10')	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
41	8" PVC SEWER MAIN (10'-12')	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
42	8" PVC SEWER MAIN (12'-14')	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
43	4" PVC SANITARY SEWER LINE	-156.00	100%	-156.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
44	STANDARD MANHOLE (48")	-4,300.00	100%	-4,300.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
45	DROP MANHOLE (48")	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
46	EXTRA MANHOLE DEPTH (48")	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
47	4" PVC SANITARY SEWER CLEAN	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
48	RECONNECT SANITARY SEWER S	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
49	CONNECT TO EXISTING SANITARY	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
50	CONNECT TO EXISTING SEWER M	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
51	REPAIR MANHOLE	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
52	BYPASS PUMPING	0.00	100%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
53	8" CAP	-60.00	100%	-60.00	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
54	6" PVC WATER MAIN, C-900, CLAS	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
55	10" PVC WATER MAIN, C-900, CLA	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
56	10" 11.25 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
57	10" 45 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
58	10" X 10" CROSS	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
59	10" HIGH DEFLECTION COUPLING	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
60	10" X 6" REDUCER	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
61	10" X 10" X 6" TEE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
62	10" X 10" X 10" TEE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
63	10" GATE VALVE AND BOX	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
64	STANDARD FIRE HYDRANT, AUX	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

65	1" COPPER SERVICE LINE	0.00	0%	-120.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
66	1" TAPPING SADDLE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
67	1" CURB STOP AND BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
68	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
69	RECONNECT WATER SERVICE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
70	CATHODIC PROTECTION TEST ST	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
71	TRACER WIRE ACCESS BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
72	18" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
73	21" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
74	30" RCP, CLASS III	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
75	18" RCP, CLASS III, O-RING GASKE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
76	30" RCP, CLASS III, O-RING GASKE	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
77	18" RCP, FLARED END SECTION	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
78	21" RCP, 30 DEGREE BEND	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
79	TYPE "B" INLET	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
80	SPECIAL TYPE "B" INLET, 3' X 4'	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
81	SPECIAL TYPE "B" INLET, 4' X 4'	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
82	CONNECT TO EXISTING STORM S	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
83	CONNECT TO EXISTING STORM S	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0%	0%	0%	100%
84	EROSION AND SEDIMENT CONTR	0.00	40%	0.00	30%	0.00	40%	0.00	0%	0.00	10%	0%	0%	0%	20%
85	GRAVEL FILTER SOCKS	-333.60	40%	-250.20	30%	-83.40	40%	-83.40	10%	-166.80	10%	0%	0%	0%	20%
86	TURF REINFORCEMENT MAT, TYF	-741.00	40%	-555.75	30%	-185.25	40%	-185.25	10%	-370.50	10%	0%	0%	0%	20%
87	VEHICLE TRACKING CONTROL	-4,200.00	40%	-3,150.00	30%	-1,050.00	40%	-1,050.00	10%	-2,100.00	10%	0%	0%	0%	20%
88	EROSION CONTROL, PERIMETER	-1,112.40	40%	-834.30	30%	-278.10	40%	-278.10	10%	-556.20	10%	0%	0%	0%	20%
89	INLET PROTECTION	-420.00	40%	-315.00	30%	-105.00	40%	-105.00	10%	-210.00	10%	0%	0%	0%	20%
90	SWEEPING	-6,300.00	40%	-4,725.00	30%	-1,575.00	40%	-1,575.00	10%	-3,150.00	10%	0%	0%	0%	20%
91	AGGREGATE BASE COURSE MAT	0.00	20%	0.00	0%	0.00	20%	0.00	0%	0.00	70%	0%	0%	0%	10%
92	GRAVEL SURFACING, PERMANEN	0.00	0%	0.00	0%	0.00	0%	0.00	0%	-817.60	100%	0%	0%	0%	0%
93	GRAVEL SURFACING, TEMPORAR	4,242.00	30%	4,242.00	30%	1,414.00	30%	1,414.00	10%	4,242.00	30%	0%	0%	0%	30%
94	GEOGRID	0.00	0%	0.00	0%	0.00	0%	0.00	100%	0.00	0%	0%	0%	0%	0%
95	AC PAVEMENT, CLASS G, TYPE 1,	2,215.68	20%	0.00	0%	7,754.88	20%	7,754.88	70%	1,107.84	10%	0%	0%	0%	10%
96	PCC APPROACH PAVEMENT, 6" R	0.00	0%	0.00	80%	0.00	0%	0.00	10%	0.00	10%	0%	0%	0%	10%
97	PCC DRIVEWAY PAVEMENT, 6" R	0.00	0%	108.00	80%	13.50	0%	13.50	10%	13.50	10%	0%	0%	0%	10%
98	PCC APPROACH PAVEMENT, 6" N	0.00	0%	-123.20	80%	-15.40	0%	-15.40	10%	-15.40	10%	0%	0%	0%	10%

99	PCC DRIVEWAY PAVEMENT, 4" NO	0.00	0%	1,331.20	80%	166.40	10%	166.40	10%	100%
100	CONCRETE CURB AND GUTTER, 1	0.00	0%	0.00	0%	3,265.40	50%	3,265.40	50%	100%
101	CONCRETE CURB AND GUTTER, 1	0.00	0%	0.00	0%	28.90	50%	28.90	50%	100%
102	SPECIAL CONCRETE CURB AND C	0.00	0%	0.00	0%	22.40	50%	22.40	50%	100%
103	CONCRETE "P6" GUTTER	8.00	10%	8.00	10%	48.00	60%	16.00	20%	100%
104	CONCRETE FILLET AND PAN, 6" R	0.00	0%	0.00	0%	0.00	0%	-220.00	100%	100%
105	RAISED MEDIAN TYPE PAVEMENT	0.00	0%	0.00	0%	0.00	50%	0.00	50%	100%
106	CONCRETE SIDEWALK, 4" NON-R	726.00	40%	726.00	40%	363.00	20%	0.00	0%	100%
107	DETECTABLE WARNING PANEL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
108	CONCRETE TYPE C RETAINING W	0.00	0%	0.00	0%	1,112.50	100%	0.00	0%	100%
109	KEYSTONE BLOCK RETAINING W/	0.00	0%	0.00	0%	0.00	0%	-840.00	100%	100%
110	ALUMINUM STEEL TUBE RAIL, HA	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
111	WOOD FENCE	0.00	0%	0.00	0%	0.00	0%	-1,620.00	100%	100%
112	DECIDUOUS TREE (1"-2")	0.00	0%	390.00	40%	0.00	0%	585.00	60%	100%
113	PAVEMENT MARKING 24" WHITE (	0.00	0%	0.00	0%	-12.00	100%	0.00	0%	100%
114	REGULATORY SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
115	STREET SIGN, D3 (STREET NAME	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
116	TRAFFIC CONTROL, MISCELLANE	0.00	25%	0.00	30%	0.00	15%	0.00	30%	100%
117	FLAGGING	-525.00	30%	-525.00	30%	-175.00	10%	-525.00	30%	100%
118	TRAFFIC CONTROL	-8.61	25%	-10.33	30%	-5.17	15%	-10.33	30%	100%
119	24" RCP, CLASS III PIPE, WITH FIE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
120	10" Bell Restraints	0.00	0%	9,500.00	100%	0.00	0%	0.00	0%	100%
121	Hydroseeding	2,812.50	25%	2,812.50	25%	2,812.50	25%	2,812.50	25%	100%
122	Sprinkler Repair	2,000.00	25%	2,000.00	25%	2,000.00	25%	2,000.00	25%	100%
123	Liquidated Damages	-11,200.00	25%	-11,200.00	25%	-11,200.00	25%	-11,200.00	25%	100%
		(\$29,609.80)		(\$22,103.08)		\$13,720.09		(\$6,865.96)		(\$44,858.75)