

SUMMARY TABLE
FOR
PARTIAL PAYMENTS

OCTOBER 19, 2023

1. Ford Construction Co., Inc. for Silurian Springhouse Foundation Alteration..... \$12,150.00
2. Super Western, Inc., for Delafield Street And Lemira Avenue Utility And Street Improvements –
CONCRETE. \$361,795.62

October 19, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Ford Construction Co., Inc., 1419 Poplar Dr.,
Waukesha, WI 53188 for Silurian Springhouse Foundation Alteration project.

Contract No. #4300

CONTRACT DATE: April 28, 2023

Contract \$ 57,670.00

Line No.	Item Description	Scheduled Value	Completed to Date	Amount
1	General Conditions	\$12,696.00	\$8,375.00	\$ 9,815.00
2	Demolition	\$9,131.00	\$9,131.00	\$ 9,131.00
3	Earthwork	\$13,052.00	\$4,319.00	\$ 9,439.00
4	Concrete	\$16,045.00	\$7,174.00	\$ 9,824.00
5	Misc. Metals	\$1,660.00	\$0.00	\$ 1,660.00
6	Damproofing	\$1,581.00	\$0.00	\$ 780.00
7	Access Doors	\$3,505.00	\$2,470.00	\$ 2,970.00
				\$ 43,619.00
			Less Retainage	\$ 1,441.75
			Total	\$ 42,177.25
			Less Previously Paid	\$ 30,027.25
			Total Amount Due	\$ 12,150.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$12,150.00 be allowed.

Respectfully Submitted



Alex Damien, PE
Director of Public Works

October 19, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 13 to Super Western, Inc., N59 W14061 Bobolink Avenue, Menomonee Falls, WI 53051 for Delafield Street And Lemira Avenue Utility And Street Improvements - (BASE BID) - CONCRETE.

Contract No. #4283

CONTRACT DATE: February 3, 2023

Original

\$ 7,570,829.07

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
Concrete Pavement							
1	1001	TRAFFIC CONTROL	LS	1	0.8	\$142,796.13	\$ 114,236.90
2	1005	DETOUR ROUTE	LS	1	0.8	\$12,551.30	\$ 10,041.04
3	1995	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	EACH	4	2	\$1,002.50	\$ 2,005.00
4	2003	EROSION BALES	EACH	30		\$0.01	\$ -
5	2005	INLET PROTECTION	EACH	30		\$70.18	\$ -
6	3041	CLEARING	INCH DIA	274	306	\$43.15	\$ 13,203.90
7	3042	GRUBBING	INCH DIA	274	268	\$16.08	\$ 4,309.44
8	3060	REMOVE AND REPLACE MAILBOX	EACH	14		\$90.23	\$ -
9	3061	INSTALL TEMPORARY MAILBOX(ES)	LS	1		\$200.50	\$ -
10	3100	REMOVE SEWER MANHOLE	EACH	14	13	\$441.10	\$ 5,734.30
11	3101	REMOVE INLET	EACH	37	36	\$401.00	\$ 14,436.00
12	3110	REMOVE PIPE	LF	850	831.9	\$30.08	\$ 25,023.55
13	3200	ABANDON SEWER MANHOLE	EACH	8		\$401.00	\$ -
14	3205	ABANDON PIPE	LF	100	73	\$17.04	\$ 1,243.92
15	3300	REMOVE EXISTING CURB AND GUTTER	LF	8500	5718	\$4.26	\$ 24,358.68
16	3331	REMOVE EXISTING SIDEWALK	SF	57900	27074	\$0.56	\$ 15,161.44
17	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	1800	467	\$2.51	\$ 1,172.17
18	3650	REMOVE EXISTING ROADWAY	SY	24000	18921.5	\$3.06	\$ 57,899.79
19	3990	REMOVE AND DISPOSE OF EXISTING BUS SHELTER	LS	1		\$200.50	\$ -
20	3991	REMOVE AND DELIVER EXISTING BUS SHELTER	LS	1		\$300.75	\$ -
21	3992	REMOVE, STORE, AND REINSTALL EXISTING BUS SHELTER	LS	2		\$401.00	\$ -
22	4010	SHAPING AND GRADING TO SUBGRADE	LF	4000	3000	\$49.89	\$ 149,670.00
23	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2000		\$2.13	\$ -
24	4016	GEOTEXTILE GRID TYPE BX1100	SY	2000	924.6	\$2.14	\$ 1,978.64
25	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	11000	11032.81	\$14.35	\$ 158,320.82

26	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	2000	2528.38	\$25.20	\$ 63,715.18
27	5011	PIPE BULKHEAD	EACH	3	4	\$255.64	\$ 1,022.56
28	5050	INTERNAL CHIMNEY SEAL	EACH	36	20	\$733.83	\$ 14,676.60
29	5056	SANITARY LATERAL CLEANOUT	EACH	61	61	\$2,155.38	\$ 131,478.18
30	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	61		\$390.98	\$ -
31	5075	SANITARY SEWER SPOT REPAIR	EACH	2		\$4,511.25	\$ -
32	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$4,411.00	\$ -
33	5080	SANITARY LATERAL REINSTATEMENT	EACH	63		\$25.06	\$ -
34	5108	8 INCH PVC SANITARY SEWER PIPE	LF	130	104.1	\$235.59	\$ 24,524.92
35	5110	10 INCH PVC SANITARY SEWER PIPE	LF	35	32.4	\$253.63	\$ 8,217.61
36	5112	12 INCH PVC SANITARY SEWER PIPE	LF	50	47.4	\$258.65	\$ 12,260.01
37	5115	15 INCH PVC SANITARY SEWER PIPE	LF	20	19.3	\$443.11	\$ 8,552.02
38	5157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	320	393.8	\$165.41	\$ 65,138.46
39	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	2310	2243	\$33.08	\$ 74,198.44
40	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	2210	1864	\$35.09	\$ 65,407.76
41	5310	12 INCH CIPP SANITARY SEWER PIPE	LF	920		\$46.12	\$ -
42	05310A	14 INCH CIPP SANITARY SEWER PIPE	LF	295		\$80.20	\$ -
43	5311	15 INCH CIPP SANITARY SEWER PIPE	LF	365		\$80.20	\$ -
44	05311A	16 INCH CIPP SANITARY SEWER PIPE	LF	570		\$80.20	\$ -
45	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	61	56	\$4,912.25	\$ 275,086.00
46	5351	ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	590	249.2	\$29.57	\$ 7,368.84
47	5400	48 INCH DIA SANITARY MANHOLE	VF	28	26.2	\$701.75	\$ 18,385.85
48	5405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	13	12.8	\$1,022.55	\$ 13,088.64
49	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	32		\$1,328.31	\$ -
50	5415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	13	4	\$1,127.81	\$ 4,511.24
51	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	14		\$591.48	\$ -
52	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	32	25	\$1,002.50	\$ 25,062.50
53	5475	48 INCH DIA STORM MANHOLE	EACH	4	3	\$2,711.76	\$ 8,135.28
54	5481	72 INCH DIA DOGHOUSE STORM MANHOLE	EACH	3	3	\$8,055.09	\$ 24,165.27
55	5484	48 INCH DIA STORM INLET	EACH	6	6	\$3,102.74	\$ 18,616.44
56	5485	2'X3' STORM INLET	EACH	40	40	\$3,132.81	\$ 125,312.40
57	5487	4'X4' STORM INLET	EACH	2	1	\$7,202.97	\$ 7,202.97
58	5508	8 INCH PVC STORM SEWER PIPE	LF	40	32	\$88.22	\$ 2,823.04
59	5512	12 INCH PVC STORM SEWER PIPE	LF	20	22.5	\$139.35	\$ 3,135.38

60	5542	12 INCH RCP STORM SEWER PIPE	LF	660	655.9	\$174.44	\$ 114,415.20
61	5545	15 INCH RCP STORM SEWER PIPE	LF	300	228.7	\$182.46	\$ 41,728.60
62	5548	18 INCH RCP STORM SEWER PIPE	LF	60	56	\$185.46	\$ 10,385.76
63	5557	27 INCH RCP STORM SEWER PIPE	LF	10		\$287.72	\$ -
64	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	17	15	\$1,002.50	\$ 15,037.50
65	5850	CONCRETE COLLAR	EACH	3	5	\$466.16	\$ 2,330.80
66	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	6850		\$2.86	\$ -
67	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	150		\$491.23	\$ -
68	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	5100	3516.5	\$4.51	\$ 15,859.42
69	6100	EXTRA BAGS OF CEMENT	EA	50		\$30.08	\$ -
70	6500	TYPE A SLURRY	CY	100		\$85.21	\$ -
71	7001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	3100	4430.12	\$103.26	\$ 457,454.19
72	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	400	513.7	\$60.15	\$ 30,899.06
73	7008	8-INCH CONCRETE PAVEMENT	SY	600	246	\$50.13	\$ 12,331.98
74	7050	CONCRETE PAVEMENT DIAMOND GRINDING	SY	20800	17164	\$6.62	\$ 113,625.68
75	7051	CONCRETE CURB AND GUTTER DIAMOND GRINDING	LF	500		\$32.37	\$ -
76	7109	9-INCH DOWELED CONCRETE PAVEMENT	SY	17600	15384.7	\$61.15	\$ 940,774.41
77	7130	30" CONCRETE CURB & GUTTER	LF	8900	6801.7	\$19.05	\$ 129,572.39
78	7151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	200		\$20.05	\$ -
79	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	280	150	\$70.18	\$ 10,527.00
80	7302	PEDESTRIAN CURB	LF	100	15	\$70.18	\$ 1,052.70
81	7304	4-INCH CONCRETE SIDEWALK	SF	36400	23848	\$7.02	\$ 167,412.96
82	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	10200	3819.46	\$8.02	\$ 30,632.07
83	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	11200	10520.9	\$8.02	\$ 84,377.62
84	7700	CONCRETE ROADWAY SMOOTHNESS PROFILING	EA	2	1	\$1,604.00	\$ 1,604.00
85	7990	8-INCH CONCRETE SIDEWALK & DRIVE	SF	1630	2035.5	\$8.02	\$ 16,324.71
86	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	1900		\$5.26	\$ -
87	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	1900		\$0.35	\$ -
88	8050	HMA PAVEMENT TEMPORARY PATCHING	SY	500	1876.9	\$22.06	\$ 41,404.41
89	8065	HMA PAVEMENT PATCHING	SY	100	143.86	\$88.22	\$ 12,691.33
91	8104	HMA PAVEMENT TYPE 4 LT 58-28 S	TON	150	88	\$153.38	\$ 13,497.44
92	8205	HMA PAVEMENT TYPE 5 LT 58-28 H	TON	250	64.25	\$146.37	\$ 9,404.27
93	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	2	1.5	\$4,931.33	\$ 7,397.00
94	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	233		\$8.80	\$ -

95	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH, WDOT 652.0235	LF	1748		\$13.10	\$ -
96	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	19	17	\$1,177.11	\$ 20,010.87
97	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	13	6	\$2,171.37	\$ 13,028.22
98	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	2		\$2,608.99	\$ -
99	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	4		\$10,852.65	\$ -
100	10045	CONCRETE BASE - (SPECIAL EXCAVATION)	EACH	23	8	\$253.92	\$ 2,031.36
101	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	2	2	\$4,266.91	\$ 8,533.82
102	10065	CABLE TRAFFIC SIGNAL 5-14 AWG, WDOT 655.0230	LF	956	390	\$1.38	\$ 538.20
103	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	1513	1,009	\$1.77	\$ 1,785.93
104	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	2435	580	\$2.76	\$ 1,600.80
105	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	2343	764	\$2.31	\$ 1,764.84
106	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6000	2,259	\$1.09	\$ 2,462.31
107	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	1598	581	\$1.81	\$ 1,051.61
108	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, WDOT 655.0200.01	LS	2	2	\$621.40	\$ 1,242.80
109	10150	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET (CITY FURNISHED)	EACH	2		\$2,430.62	\$ -
110	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM	LS	2		\$10,404.08	\$ -
111	10800	SIGNAL MOUNTING HARDWARE, WDOT 658.5069.01	LS	2		\$606.74	\$ -
112	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM	LS	2		\$9,129.70	\$ -
113	10950	VIDEO VEHICLE DETECTION SYSTEM (CITY FURNISHED)	LS	2		\$1,246.17	\$ -
114	10980	CONCRETE BASE - TYPE 10-SPECIAL, WDOT 654.0120	EACH	2	1	\$12,113.65	\$ 12,113.65
115	10981	CABLE TRAFFIC SIGNAL 15-14 AWG, WDOT 655.0270	LF	401		\$3.56	\$ -
116	10982 A	TRANSPORT AND INSTALL PEDESTAL BASE (CITY FURNISHED)	EACH	13	7	\$104.63	\$ 732.41
117	10982 B	TRANSPORT AND INSTALL TRANS. BASE (CITY FURNISHED)	EACH	2	2	\$122.37	\$ 244.74
118	10982 C	TRANSPORT AND INSTALL POLE TYPE 2 (CITY FURNISHED)	EACH	1	1	\$428.23	\$ 428.23
119	10982 D	TRANSPORT AND INSTALL POLE TYPE 3 (CITY FURNISHED)	EACH	1	1	\$488.88	\$ 488.88
120	10982 E	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 15-FT (CITY FURNISHED)	EACH	5	3	\$384.92	\$ 1,154.76
121	10982 F	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 10-FT (CITY FURNISHED)	EACH	1	1	\$177.00	\$ 177.00
122	10982 G	TRANSPORT AND INSTALL LUMINAIRE ARM 4" CLAMP, 8-FT (CITY FURNISHED)	EACH	1	1	\$185.66	\$ 185.66
123	10982 H	TRANSPORT AND INSTALL SIGNAL FACE 3S 12-INCH (CITY FURNISHED)	EACH	22		\$262.62	\$ -
124	10982 I	TRANSPORT AND INSTALL SIGNAL FACE 4S 12-INCH (CITY FURNISHED)	EACH	10		\$280.22	\$ -
125	10982 J	TRANSPORT AND INSTALL PEDESTRIAN FACE 16-INCH (CITY FURNISHED)	EACH	14		\$144.60	\$ -
126	10983 A	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	4	2	\$1,112.64	\$ 2,225.28
127	10983 B	INSTALL MONOTUBE POLES, TYPE 10-SPECIAL (CITY FURNISHED)	EACH	2		\$1,112.64	\$ -
128	10984 A	INSTALL MONOTUBE ARM, 15-FT (CITY FURNISHED)	EACH	1		\$1,116.37	\$ -

129	10984 B	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	1		\$1,393.60	\$ -
130	10984 C	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	2	2	\$1,393.60	\$ 2,787.20
131	10984 D	INSTALL MONOTUBE ARM, 35-FT (CITY FURNISHED)	EACH	1		\$1,393.60	\$ -
132	10984 E	INSTALL MONOTUBE ARM, 40-FT (CITY FURNISHED)	EACH	1		\$151.94	\$ -
133	10985	INSTALL LUMINAIRE ARM STEEL 8-FT (CITY FURNISHED)	EACH	8	2	\$151.94	\$ 303.88
134	10986	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	9	3	\$147.29	\$ 441.87
135	10987 A	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, DELAFIELD & WASHINGTON	LS	1		\$1,232.83	\$ -
136	10987 B	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, DELAFIELD & MORELAND	LS	1	0.5	\$1,232.83	\$ 616.42
137	10988 A	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, DELAFIELD & WASHINGTON	LS	1		\$1,232.83	\$ -
138	10988 B	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, DELAFIELD & MORELAND	LS	1	0.5	\$1,232.83	\$ 616.42
139	10989	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, DELAFIELD & MORELAND	LS	1	0.5	\$1,232.83	\$ 616.42
140	10990	TEMPORARY TRAFFIC SIGNAL, DELAFIELD & MORELAND	LS	1	0.25	\$35,619.73	\$ 8,904.93
141	10991	SIGNAL BASE UTILITY LOCATE W/HYDRO EXCAVATION	HR	24		\$456.54	\$ -
142	10992	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINETS	LS	3		\$6,069.93	\$ -
143	10993	FURNISH AND INSTALL WIRELESS RADIO COMMUNICATIONS IN SIGNAL CABINET	EACH	2		\$5,082.16	\$ -
144	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	22	21	\$999.23	\$ 20,983.83
145	11025	PULL BOX - 15-INCH PVC	EACH	12	12	\$623.12	\$ 7,477.44
146	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	18	17	\$876.92	\$ 14,907.64
147	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	4000	2095	\$7.12	\$ 14,916.40
148	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	200	33	\$20.37	\$ 672.21
149	11105	CONDUIT RIGID NONMETALLIC SCH 40, 2-INCH, WDOT 652.0225	LF	200		\$8.80	\$ -
150	11112	CONDUIT 3-INCH HDPE	LF	3900	3,053	\$10.01	\$ 30,560.53
151	11120	12/2 UF W/GROUND WIRE	LF	880		\$1.29	\$ -
152	11123	#10 XLP USE WIRE	LF	330		\$1.16	\$ -
153	11125	#6 XLP USE WIRE	LF	4200	4,327	\$2.31	\$ 9,995.37
154	11126	#4 XLP USE WIRE	LF	12500	6,048	\$3.20	\$ 19,353.60
155	11201A	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (STREET LIGHT SYSTEM)	LS	1	1	\$2,465.67	\$ 2,465.67
156	11201B	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (DELAFIELD & WASHINGTON SIGNAL)	LS	1		\$1,479.40	\$ -
157	11201C	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (DELAFIELD & MORELAND SIGNAL)	LS	1	0.5	\$2,465.67	\$ 1,232.84
158	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	51	17	\$246.56	\$ 4,191.52

159	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	28	22	\$123.29	\$ 2,712.38
160	11401	REMOVE AND SALVAGE EXISTING STREET LIGHT UNIT	EACH	2	2	\$606.42	\$ 1,212.84
161	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	22	11	\$970.27	\$ 10,672.97
162	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1		\$16,153.68	\$ -
163	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	2	1	\$2,832.47	\$ 2,832.47
164	11990	REMOVE EXISTING STREET LIGHT UNIT, REPLACE CONCRETE BASE, REINSTALL EXISTING STREET LIGHT UNIT.	EACH	3	3	\$1,809.58	\$ 5,428.74
165	12001	PAVEMENT MARKING REMOVAL, 4-INCH	LF	100	500	\$12.03	\$ 6,015.00
166	12002	PAVEMENT MARKING REMOVAL, 6-INCH	LF	100	77	\$12.53	\$ 964.81
167	12004	PAVEMENT MARKING REMOVAL, 12-INCH	LF	100	28	\$14.04	\$ 393.12
168	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	9800	6,958	\$1.50	\$ 10,437.00
169	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	11500	4,470.6	\$1.50	\$ 6,705.90
170	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	600	572.2	\$3.01	\$ 1,722.32
171	12211	PAVEMENT MARKING EPOXY, MEDIAN NOSE	SF	50		\$11.03	\$ -
172	12302	PAVEMENT MARKING GROOVED EPOXY, DOUBLE LINE, 4-INCH	LF	3500	1608	\$5.51	\$ 8,860.08
173	12303	PAVEMENT MARKING GROOVED EPOXY, LINE, 6-INCH	LF	1300	739	\$24.06	\$ 17,780.34
174	12304	PAVEMENT MARKING GROOVED EPOXY, LINE, 8-INCH	LF	2400	1406.4	\$8.52	\$ 11,982.53
175	12306	PAVEMENT MARKING GROOVED EPOXY, LINE, 18-INCH	LF	350	159.2	\$26.07	\$ 4,150.34
176	12512	PAVEMENT MARKING GROOVED EPOXY, ARROW	EACH	22	13	\$551.38	\$ 7,167.94
177	12515	PAVEMENT MARKING GROOVED EPOXY, WORD	EACH	7	3	\$601.50	\$ 1,804.50
178	13002	REMOVE SIGN	EACH	75		\$12.13	\$ -
179	13003	REMOVE POSTS	EACH	36		\$13.13	\$ -
180	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	27		\$118.40	\$ -
181	13021	SIGN	EACH	81		\$160.40	\$ -
182	13300	MOVE SIGN	EACH	8		\$24.96	\$ -
183	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$0.01	\$ -
184	14005	TOPSOIL & SOD	SY	17000	6500	\$9.80	\$ 63,700.00
185	14054	PLANTING MULCH	CY	100		\$47.22	\$ -
		PROJECT LOCATION #2 LEMIRA AVENUE					\$ -
186	1001	TRAFFIC CONTROL	LS	1	0.80	\$9,603.95	\$ 7,683.16
187	2003	EROSION BALES	EACH	20		\$0.20	\$ -
188	2005	INLET PROTECTION	EACH	6		\$421.08	\$ -
189	3021	CLEARING	SY	50	42.00	\$18.08	\$ 759.36
190	3022	GRUBBING	SY	50	42.00	\$11.82	\$ 496.44
191	3041	CLEARING	INCH DIA	70	142.00	\$35.39	\$ 5,025.38

192	3042	GRUBBING	INCH DIA	70	142.00	\$20.40	\$ 2,896.80
193	3110	REMOVE PIPE	LF	450	-	\$36.09	\$ -
194	3300	REMOVE EXISTING CURB AND GUTTER	LF	2100	2,040.60	\$4.27	\$ 8,713.36
195	3331	REMOVE EXISTING SIDEWALK	SF	13200	9,180.00	\$0.56	\$ 5,140.80
196	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	50	32.00	\$2.51	\$ 80.32
197	3650	REMOVE EXISTING ROADWAY	SY	3100	3,130.00	\$1.83	\$ 5,727.90
198	4010	SHAPING AND GRADING TO SUBGRADE	LF	1000	974.00	\$81.70	\$ 79,575.80
199	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500		\$2.13	\$ -
200	4016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$2.14	\$ -
201	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000	1,532.38	\$20.60	\$ 31,567.03
202	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500	1,189.05	\$26.90	\$ 31,985.45
203	5050	INTERNAL CHIMNEY SEAL	EACH	4	4.00	\$733.83	\$ 2,935.32
204	5056	SANITARY LATERAL CLEANOUT	EACH	35	35.00	\$2,155.38	\$ 75,438.30
205	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	35		\$390.98	\$ -
206	5075	SANITARY SEWER SPOT REPAIR	EACH	1		\$4,511.25	\$ -
207	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$4,411.00	\$ -
208	5080	SANITARY LATERAL REINSTATEMENT	EACH	35		\$25.06	\$ -
209	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	1055	750.00	\$33.08	\$ 24,810.00
210	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	225	208.00	\$35.09	\$ 7,298.72
211	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	35	8.00	\$4,912.25	\$ 39,298.00
212	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	210	32.90	\$29.57	\$ 972.85
213	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	3	2.00	\$1,328.31	\$ 2,656.62
214	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1	1.00	\$541.35	\$ 541.35
215	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4	4.00	\$1,002.50	\$ 4,010.00
216	5475	48 INCH DIA STORM MANHOLE	EACH	2	2.00	\$2,360.89	\$ 4,721.78
217	5484	48 INCH DIA STORM INLET	EACH	2	2.00	\$2,561.39	\$ 5,122.78
218	5485	2'X3' STORM INLET	EACH	4	4.00	\$2,205.50	\$ 8,822.00
219	5542	12 INCH RCP STORM SEWER PIPE	LF	100	91.50	\$108.27	\$ 9,906.71
220	5545	15 INCH RCP STORM SEWER PIPE	LF	520	514.70	\$105.26	\$ 54,177.32
221	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1280		\$2.86	\$ -
222	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	70		\$491.23	\$ -
223	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	620		\$4.51	\$ -
224	6100	EXTRA BAGS OF CEMENT	EA	50		\$30.08	\$ -
225	6500	TYPE A SLURRY	CY	50		\$85.21	\$ -

226	7008	8-INCH CONCRETE PAVEMENT	SY	3100	3,037.87	\$52.13	\$ 158,364.16
227	7130	30" CONCRETE CURB & GUTTER	LF	2100	2,079.40	\$20.05	\$ 41,691.97
228	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	40	30.00	\$70.18	\$ 2,105.40
229	7302	PEDESTRIAN CURB	LF	100		\$70.18	\$ -
230	7304	4-INCH CONCRETE SIDEWALK	SF	8500	7,634.90	\$7.02	\$ 53,597.00
231	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	4800	4,985.30	\$8.02	\$ 39,982.11
233	8104	HMA PAVEMENT TYPE 4 LT 58-28 S	TON	50	10.00	\$190.48	\$ 1,904.80
235	13002	REMOVE SIGN	EACH	3		\$12.13	\$ -
236	13003	REMOVE POSTS	EACH	3		\$13.13	\$ -
237	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	5		\$118.30	\$ -
238	13021	SIGN	EACH	5		\$160.40	\$ -
239	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$0.01	\$ -
240	14005	TOPSOIL & SOD	SY	2000	2,021.80	\$9.80	\$ 19,813.64
		PROJECT LOCATION #3 WATERMAIN					\$ -
241	6500	TYPE A SLURRY	CY	100		\$85.21	\$ -
242	15001	INSTALL 12" WATER MAIN AND FITTINGS	LF	3660	3649	\$120.30	\$ 438,974.70
243	15002	INSTALL 8" WATER MAIN AND FITTINGS	LF	1400	1356	\$126.32	\$ 171,289.92
244	15003	INSTALL 6" WATER MAIN AND FITTINGS	LF	40	35	\$301.75	\$ 10,561.25
245	15004	INSTALL 12" GATE VALVE & BOX	EACH	9	9	\$239.60	\$ 2,156.40
246	15005	INSTALL 8" GATE VALVE & BOX	EACH	6	6	\$239.60	\$ 1,437.60
247	15006	INSTALL 6" GATE VALVE & BOX	EACH	1	1	\$239.60	\$ 239.60
248	15007	INSTALL HYDRANT ASSEMBLY	EACH	8	9	\$2,200.49	\$ 19,804.41
249	15008	CONNECT 3/4" SERVICE LATERAL (SL1)	EACH	7	7	\$2,907.25	\$ 20,350.75
250	15009	CONNECT 1" SERVICE LATERAL (SL2)	EACH	8	8	\$2,907.25	\$ 23,258.00
251	15010	CONNECT 3/4" SERVICE LATERAL (SL3)	EACH	5	5	\$3,408.50	\$ 17,042.50
252	15011	CONNECT 1" SERVICE LATERAL (SL4)	EACH	11	12	\$3,408.50	\$ 40,902.00
253	15012	CONNECT 1" SERVICE LATERAL (SL5)	EACH	1	1	\$2,907.25	\$ 2,907.25
254	15013	CONNECT 1-1/4" SERVICE LATERAL (SL6)	EACH	1	1	\$2,907.25	\$ 2,907.25
255	15014	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	1	1	\$4,611.50	\$ 4,611.50
256	15015	CONNECT 2" SERVICE LATERAL (SL8)	EACH	2	2	\$5,213.00	\$ 10,426.00
257	15016	CONNECT 1-1/4" SERVICE LATERAL (SL9)	EACH	2	2	\$4,511.25	\$ 9,022.50
258	15017	CONNECT 1" SERVICE LATERAL (SL 10)	EACH	1	1	\$4,511.25	\$ 4,511.25
259	15018	CONNECT 1" SERVICE LATERAL (SL 11)	EACH	14	16	\$4,611.50	\$ 73,784.00
260	15019	CONNECT 1" SERVICE LATERAL (SL 12)	EACH	6	6	\$3,057.63	\$ 18,345.78

261	15020	CONNECT 1" SERVICE LATERAL (SL 13)	EACH	1	1	\$3,057.63	\$ 3,057.63
262	15021	CONNECT 6" SERVICE LATERAL (SL 14)	EACH	2	2	\$5,714.25	\$ 11,428.50
263	15022	CONNECT 4" SERVICE LATERAL (SL 15)	EACH	2	4	\$7,408.48	\$ 29,633.92
264	15023	CONNECT 8" SERVICE LATERAL (SL 16)	EACH	1	1	\$5,353.35	\$ 5,353.35
265	15024	ABANDON EXISTING HYDRANT	EACH	10	10	\$810.02	\$ 8,100.20
266	15025	ABANDON VALVE BOXES & MANHOLES	L.S.	1	1	\$7,619.00	\$ 7,619.00
267	16001	LIQUIDATED DAMAGES	DAY	0		(\$1,500.00)	\$ -
268	16002	PEDESTRIAN PENALTIES	DAY	0		(\$1,000.00)	\$ -

Total	\$ 5,934,558.41
Less Retainage	\$ 189,270.73
Total	<u>\$ 5,745,287.68</u>
Less Previously Paid	\$ 5,383,492.06
Total Amount Due	<u>\$ 361,795.62</u>

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$361,795.62 be allowed.

Respectfully Submitted,

Alex Damien, P.E.,
 Director of Public Works