

SUMMARY TABLE  
FOR  
PARTIAL PAYMENTS

1. Advance Construction, Inc. for Sanitary Sewer Force Main Relay / Rehabilitation 2019.....	\$7,500.00
2. C.D. Smith Construction, Inc. for Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facility Enhancement For Clean Water Plant. ....	\$52,348.07
3. Crowley Construction Corp. for 2020 Centerline And Miscellaneous Marking.....	\$6,395.54
4. H & H Civil Construction, LLC for Artificial Turf Installation At Frame And Mindiola Parks. ....	\$826,015.92
5. Mudtech, LLC for Meadowview Park Bridge.....	\$37,842.90
6. Musson Bros., Inc. for Sanitary Sewer Lining - Pebble Valley Area. ....	\$108,502.10
7. RLP Diversified, Inc. for Woodfield Park Stream Restoration.....	\$33,091.00
8. State Contractors, Inc. for Salt Storage Shed And Loader Storage Shed .....	\$77,138.34
9. State Contractors, Inc. for Concrete Sidewalk Replacement - City Wide .....	\$163,124.00
10. State Contractors, Inc. for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement. ....	\$147,968.83
11. Visu-Sewer, Inc. for Sanitary Sewer Manhole Repair And Replacement - 2019. ....	\$1,755.88
12. Visu-Sewer, Inc. for Sanitary Sewer Lining And Manhole Rehabilitation - 2018 .....	\$21,124.52
13. Visu-Sewer, Inc. for Sanitary Sewer Lining And Manhole Rehabilitation - 2019.....	\$11,749.46
14. Wil-Surge Electric, Inc. for Mindiola And Buchner Parks Install City Furnished Musco Lighting Units. ....	\$28,257.75
15. Wolf Paving Co., Inc. for 2020 Resurfacing And Area 1 And 2 Flood Mitigation.....	\$365,886.39

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 (FINAL) to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54313 for Sanitary Sewer Force Main Relay / Rehabilitation 2019.

Contract No. #4101

CONTRACT DATE: February 19, 2019

Original \$ 474,547.65

Amended \$ 487,636.91

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	\$ 31,000.00	\$ 31,000.00
2	02002	SILT FENCE	LF	1200	144.9	\$ 2.00	\$ 289.80
3	03200	ABANDON SEWER MANHOLE	EACH	1	1	\$ 1,000.00	\$ 1,000.00
4	05990	S. WEST AVENUE SANITARY SEWER FORCE MAIN REHABILITATION	LF	1775	1788.5	\$ 141.00	\$ 252,178.50
5	05991	LES PAUL PARKWAY SANITARY SEWER FORCE MAIN RELAY	LF	1185	1197	\$ 128.00	\$ 153,216.00
6	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	415	472.63	\$ 70.00	\$ 33,084.10
7	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	40	37.6	\$ 50.00	\$ 1,880.00
8	07003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	80	643.1	\$ 15.00	\$ 9,646.50
9	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	8	0	\$ 44.00	\$ -
10	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	70	312.2	\$ 17.05	\$ 5,323.01
11	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	71	0	\$ 26.05	\$ -
12	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	32	0	\$ 78.05	\$ -
13	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	5,000	1,900	\$ 0.01	\$ 19.00

Total \$ 487,636.91

Less Retainage \$ -

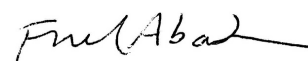
Total \$ 487,636.91

Less Previously Paid \$ 480,136.91

Total Amount Due \$ 7,500.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$7,500.00 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to C.D. Smith Construction, Inc., 125 Camelot Drive, Fond du Lac, WI 54935 for *Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plant.*

Contract No. # 4173

CONTRACT DATE: June 2, 2020

Original \$ 17,129,076.00

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
<b>RETURN FLOW PUMP STATION</b>							
<b>301 MOBILIZATION AND GC</b>							
301.01	GC MOBILIZATION	LS	\$ 199,384.42		\$ 9,969.22		\$ 9,969.22
301.02	MECH MOBILIZATION	LS	\$ 208,890.00		\$ 10,444.50		\$ 10,444.50
301.03	ELEC MOBILIZATION TEMP LIGHTING & POWER	LS	\$ 103,573.36		\$ 5,178.67		\$ 5,178.67
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82				\$ -

<b>302 UNIT PRICES</b>							
301.05	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	175			\$ 40.00	\$ -
301.06	UNSUITABLE FOUNDATION MATERIALS - TRENCHES	CY	50			\$ 125.00	\$ -
301.09	CONCRETE REPAIR, INJECTION GROUTING	LF	30			\$ 44.00	\$ -

<b>303 CONTINGENCY ALLOWANCES</b>							
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -

<b>304 SITEWORK</b>							
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57				\$ -
301.15	EARTHWORK	LS	\$ 110,000.00				\$ -
301.16	DEWATERING	LS	\$ 65,000.00				\$ -
301.17	SITE CONCRETE	LS	\$ 45,000.00				\$ -
301.18	ASPHALT PAVING	LS	\$ 6,300.00				\$ -
301.19	FENCING	LS	\$ 10,150.00				\$ -
301.20	LANDSCAPING	LS	\$ 18,933.75				\$ -
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00				\$ -
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00				\$ -

<b>305.00 BLDG 320 - UV DISINFECTION</b>							
301.23	DEMOLITION (L)	LS	\$ 6,128.00				\$ -
301.24	CONCRETE	LS	\$ 16,000.00				\$ -
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00				\$ -
301.25	GENERATOR	LS	\$ 1,441,772.49				\$ -
301.26	EARTHWORK	LS	\$ 7,500.00				\$ -

301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00				\$ -
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00				\$ -
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00				\$ -
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00				\$ -
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00				\$ -

<b>BLDG 325 - RETURN FLOW PUMP STATION</b>							
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00				\$ -
301.32	WALLS	LS	\$ 343,405.00				\$ -
301.33	SLAB	LS	\$ 86,500.00				\$ -
301.34	EQUIPMENT PADS	LS	\$ 32,750.00				\$ -
301.35	PRECAST	LS	\$ 52,650.00				\$ -
301.36	MASONRY	LS	\$ 385,322.00				\$ -
301.37	METAL FABRICATIONS	LS	\$ 334,383.00				\$ -
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00				\$ -
301.39	AIR BARRIER	LS	\$ 27,500.00				\$ -
301.40	ROOFING	LS	\$ 72,600.00				\$ -
301.41	JOINT SEALANTS	LS	\$ 17,250.00				\$ -
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00				\$ -
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00				\$ -
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00				\$ -
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00				\$ -
301.46	ACCESSORIES	LS	\$ 15,350.00				\$ -
301.47	EARTHWORK	LS	\$ 275,000.00				\$ -
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00				\$ -
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00				\$ -
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00				\$ -
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00				\$ -
301.52	OVERHEAD CRANE	LS	\$ 42,350.00				\$ -
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00				\$ -
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00				\$ -
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00				\$ -
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00				\$ -
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00				\$ -
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00				\$ -
301.57	HVAC INSULATION	LS	\$ 16,000.00				\$ -
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00				\$ -
301.330	HVAC FANS	LS	\$ 6,500.00				\$ -
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00				\$ -
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00				\$ -
301.60	ELECTRICAL	LS	\$ 217,807.14				\$ -
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00				\$ -
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67				\$ -
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71				\$ -

**RETURN FLOW PUMP STATION SUBTOTAL: \$ 25,592.39**

**ADVANCED PHOSPHORUS**

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98		\$ 12,688.10		\$ 12,688.10
300.011	MECH MOBILIZATION	LS	\$ 265,860.00		\$ 13,293.00		\$ 13,293.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64		\$ 6,591.03		\$ 6,591.03
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67				\$ -

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300			\$ 56.00	\$ -
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270			\$ 44.00	\$ -
300.025	PAINTING	Hr	80			\$ 75.00	\$ -

302 CONTINGENCY ALLOWANCES							
300.03	GENERAL CONTINGENCY	LS	\$ 63,000.00				\$ -
300.031	HAZARDOUS MATERIAL CONTINGENCY	LS	\$ 40,000.00				\$ -
300.032	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 10,500.00				\$ -

303 SITEWORK							
300.04	ASPHALT PAVING	LS	\$ 56,700.00				\$ -
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 29,969.00				\$ -
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00				\$ -
300.051	ELECTRICAL	LS	\$ 209,142.13				\$ -
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25				\$ -
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00				\$ -
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00				\$ -
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00				\$ -
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00				\$ -
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00				\$ -
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00				\$ -

305 BLDG 140 PRIMARY EFFLUENT							
300.06	DEMOLITION (L)	LS	\$ 40,382.00				\$ -
300.061	CONCRETE	LS	\$ 16,582.00				\$ -
300.062	ELECTRICAL	LS	\$ 174,402.49				\$ -
300.063	SUBMERSIBLE PUMPS (L)	LS	\$ 48,000.00				\$ -
300.064	SUBMERSIBLE PUMPS (M)	LS	\$ 779,900.00				\$ -
300.065	PROCESS PIPING	LS	\$ 39,200.00				\$ -

306 <b>BLDG 150 - SECOND STAGE PUMPING STATION</b>							
300.07	ELECTRICAL	LS	\$ 74,362.45				\$ -

307 <b>BLDG 210 - AERATION TANKS</b>							
300.08	DEMOLITION (L)	LS	\$ 123,500.00				\$ -
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00				\$ -
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00				\$ -

308 <b>BLDG 230 - FINAL CLARIFIERS</b>							
300.10	ELECTRICAL	LS	\$ 7,268.16				\$ -
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00				\$ -
300.101	PAINTING AND COATING	LS	\$ 17,500.00				\$ -

309 <b>BLDG 240 - RAS/WAS BUILDING</b>							
300.10	ELECTRICAL	LS	\$ 9,880.64				\$ -
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 70,748.19				\$ -
300.101	PAINTING AND COATING	LS	\$ 56,000.00				\$ -

310 <b>BLDG 250 - CHEMICAL BUILDING</b>							
300.11	DEMOLITION (L)	LS	\$ 4,000.00				\$ -
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00				\$ -
300.112	FRP GRATING	LS	\$ 5,000.00				\$ -
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00				\$ -
300.113	PLUMBING - PIPING	LS	\$ 3,750.00				\$ -
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00				\$ -
300.115	ELECTRICAL	LS	\$ 52,685.28				\$ -
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00				\$ -
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00				\$ -
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00				\$ -
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00				\$ -
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00				\$ -
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00				\$ -
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00				\$ -
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00				\$ -
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00				\$ -
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00				\$ -
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00				\$ -
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00				\$ -

311 <b>BLDG 300 - TERTIARY CLARIFIERS</b>							
300.20	DEMOLITION (L)	LS	\$ 14,303.00				\$ -
300.201	CONCRETE SURFACE REPAIR	LS	\$ 6,845.00				\$ -
300.202	ELECTRICAL	LS	\$ 30,750.98				\$ -
300.202.5	INSTRUMENTATION & CONTROLS	LS	\$ 18,313.00				\$ -

300.203	CLARIFIER LAUNDER COVER SYSTEM (L)	LS	\$ 30,800.00				\$ -
300.204	CLARIFIER LAUNDER COVER SYSTEM (M)	LS	\$ 283,000.00				\$ -
300.205	BAFFLE WALLS AND PLATES (L)	LS	\$ 6,500.00				\$ -
300.206	BAFFLE WALLS AND PLATES (M)	LS	\$ 9,500.00				\$ -
300.207	VERTICAL PADDLE FLOCCULATION SYSTEM (L)	LS	\$ 45,600.00				\$ -
300.208	VERTICAL PADDLE FLOCCULATION SYSTEM (M)	LS	\$ 227,700.00				\$ -
300.209	PROCESS PIPING -GENERAL (L)	LS	\$ 30,700.00				\$ -
300.210	PROCESS PIPING -GENERAL (M)	LS	\$ 29,300.00				\$ -
300.211	PROCESS PIPING INSULATION	LS	\$ 1,000.00				\$ -

<b>312 BLDG 310 - FILTER BUILDING</b>							
300.22	DEMOLITION (L)	LS	\$ 289,593.00				\$ -
300.221	CONCRETE	LS	\$ 48,109.00				\$ -
300.222	ELECTRICAL	LS	\$ 36,459.00				\$ -
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00				\$ -
300.223	PAINTING AND COATING	LS	\$ 45,000.00				\$ -
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00				\$ -
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00				\$ -
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00				\$ -
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00				\$ -
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00				\$ -
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00				\$ -
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00				\$ -
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00				\$ -
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00				\$ -

<b>313 BLDG 330 - PRETREATMENT BUILDING</b>							
300.24	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.242	ELECTRICAL	LS	\$ 3,243.49				\$ -

<b>314 BLDG 400 - SLUDGE THICKENING BUILDING</b>							
300.25	PAINTING AND COATING	LS	\$ 9,700.00				\$ -

<b>315 BUILDING 410 - PRIMARY DIGESTER COMPLEX</b>							
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00				\$ -

<b>316 BLDG 430 - DEWATERING BUILDING</b>							
300.27	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.272	ELECTRICAL	LS	\$ 2,584.06				\$ -

317 <b>BLDG 440 - SLUDGE STORAGE BUILDING AND DRYING PAD</b>							
300.28	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.281	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -

318 <b>BLDG 500 - ADMINISTRATION BUILDING</b>							
300.29	ELECTRICAL	LS	\$ 368,933.96				\$ -
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00				\$ -

319 <b>BLDG 510 - GENERATOR BUILDING</b>							
300.30	DEMOLITION (L)	LS	\$ 1,250.00				\$ -
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00				\$ -

320 <b>BLDG 530 - SERVICE BUILDING</b>							
300.31	DEMOLITION (L)	LS	\$ 32,500.00				\$ -
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00				\$ -
300.312	ELECTRICAL	LS	\$ 5,390.98				\$ -

321 <b>BLDG 610 - FINAL SETTLING BASINS</b>							
300.32	DEMOLITION (L)	LS	\$ 1,434.00				\$ -
300.321	ELECTRICAL	LS	\$ 7,271.47				\$ -
300.322	TOP MOUNTED MIXERS (L)	LS	\$ 4,600.00				\$ -
300.323	TOP MOUNTED MIXERS (M)	LS	\$ 38,100.00				\$ -
300.324	BAFFLE WALLS AND PLATES (L)	LS	\$ 3,300.00				\$ -
300.325	BAFFLE WALLS AND PLATES (M)	LS	\$ 1,100.00				\$ -
300.326	PIPING SUPPORT SYSTEMS (L)	LS	\$ 2,200.00				\$ -
300.327	PIPING SUPPORT SYSTEMS (M)	LS	\$ 700.00				\$ -
300.328	PROCESS PIPING - GENERAL (L)	LS	\$ 3,400.00				\$ -
300.329	PROCESS PIPING - GENERAL (M)	LS	\$ 2,200.00				\$ -
300.33	PROCESS PIPING INSULATION	LS	\$ 1,900.00				\$ -

**ADVANCED PHOSPHORUS SUBTOTAL:** \$ 32,572.13

Total \$ 58,164.52

Less Retainage \$ 5,816.45

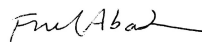
Total \$ 52,348.07

Less Previously Paid \$ -

**Total Amount Due \$ 52,348.07**

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$52,348.07 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works



October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 and Final to *Crowley Construction Corp.*, 1353 N. 68th Street, Wauwatosa, WI 53213 for 2020 Centerline And Miscellaneous Marking.

Contract No. # 4177

CONTRACT DATE: May 29, 2020

Original \$ 30,458.60  
CCO 1 (\$5,985.00) \$ 24,473.60

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1		PAVEMENT MARKING PAINT, LINE, 4-INCH YELLOW	LF	66355	73091	\$ 0.22	\$ 16,080.02
2		PAVEMENT MARKING PAINT, LINE, 4-INCH WHITE	LF	36775	10345	\$ 0.22	\$ 2,275.90
3		PAVEMENT MARKING REMOVAL (AREA)	S.F.	1200		\$ 6.30	\$ -
4		PAVEMENT MARKING PAINT, SYMBOL, WHITE, STRAIGHT ARROW	EA	1	1	\$ 85.00	\$ 85.00
5		PAVEMENT MARKING PAINT, SYMBOL, WHITE, STRAIGHT & LEFT ARROW	EA	1	1	\$ 125.00	\$ 125.00

Total \$ 18,565.92

Less Retainage \$ -

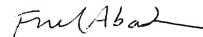
Total \$ 18,565.92

Less Previously Paid \$ 12,170.38

Total Amount Due \$ 6,395.54

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$6,395.54 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to H & H Civil Construction, LLC, 21110 Main Street, Collins, WI 54207 for Artificial Turf Installation At Frame And Mindiola Parks.

Contract No. #4172

CONTRACT DATE: May 15, 2020

Original

\$ 2,468,945.14

Line No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>FRAME PARK BASEBALL FIELD BASE BID Items</b>						
1	Mobilization	1	LS	1	\$ 99,400.00	\$ 99,400.00
2	Construction Fencing	900	LF	900	\$ 4.00	\$ 3,600.00
3	Silt Fence	634	LF	634	\$ 3.42	\$ 2,168.28
4	Stone Construction Entrance	1	EA	1	\$ 5,000.00	\$ 5,000.00
5	Inlet Protection	1	EA	1	\$ 150.00	\$ 150.00
6	Remove Existing Storm Sewer	417	LF	417	\$ 16.00	\$ 6,672.00
7	10" Storm Sewer Connection to Field Drainage Sy	231	LF	231	\$ 24.00	\$ 5,544.00
8	Earthwork	1	LS	1	\$ 71,000.00	\$ 71,000.00
9	Left Field Drain Tile and Clear Stone Trench	474	LF	474	\$ 28.00	\$ 13,272.00
10	Irrigation adjustments (Allowance)	1	LS	1	\$ 15,000.00	\$ 15,000.00
11	27" RCP Storm Sewer	417	LF	417	\$ 74.00	\$ 30,858.00
12	48" Storm Sewer Manhole	2	EA	2	\$ 3,800.00	\$ 7,600.00
13	<b>Synthetic Turf: all items required above subgrade for installation of synthetic turf including: concrete curb and nailer, base aggregate, drain tile within turf extents and geotextile liner</b>	<b>44,936</b>	<b>SF</b>	<b>44,936</b>	<b>\$ 8.05</b>	<b>\$ 361,734.80</b>
14	Modular Block Retaining Wall	126	FF	126	\$ 50.00	\$ 6,300.00
15	<b>Chain Link Fence (4') (Black Polymer Coated)</b>	<b>285</b>	<b>LF</b>	<b>285</b>	<b>\$ 29.00</b>	<b>\$ 8,265.00</b>
16	<b>Chain Link Fence (8') (Black Polymer Coated)</b>	<b>938</b>	<b>LF</b>	<b>938</b>	<b>\$ 44.83</b>	<b>\$ 42,050.54</b>
17	<b>Chain Link Fence (16') (Black Polymer Coated)</b>	<b>152</b>	<b>LF</b>	<b>152</b>	<b>\$ 119.75</b>	<b>\$ 18,202.00</b>
18	<b>20' Wide (8') Fence Gate (Black Polymer Coated, double swing)</b>	<b>2</b>	<b>EA</b>	<b>2</b>	<b>\$ 2,300.00</b>	<b>\$ 4,600.00</b>
19	8' Wide (8') Fence Gate (Black polymer coated, double swing)	1	EA	1	\$ 1,680.00	\$ 1,680.00
20	<b>8' Wide (4') Fence Gate (Black Polymer Coated, double swing)</b>	<b>3</b>	<b>EA</b>	<b>3</b>	<b>\$ 1,400.00</b>	<b>\$ 4,200.00</b>

21	<b>4' Wide (4') Fence Gate (Black Polymer Coated</b>	<b>2</b>	<b>EA</b>	<b>2</b>	<b>\$ 1,005.00</b>	<b>\$ 2,010.00</b>
22	Foul Pole Installation	2	EA	2	\$ 1,800.00	\$ 3,600.00
23	Dugout Installation	2	EA		\$ 7,275.00	\$ -
24	<b>Dugout Concrete Pads</b>	<b>736</b>	<b>SF</b>	<b>736</b>	<b>\$ 13.50</b>	<b>\$ 9,936.00</b>
25	<b>Dugout Railings</b>	<b>2</b>	<b>EA</b>	<b>0.50</b>	<b>\$ 6,000.00</b>	<b>\$ 3,000.00</b>
26	Existing Backstop Netting Adjustments	1	LS		\$ 3,500.00	\$ -
27	Warning Track Material	106	TONS	106	\$ 350.00	\$ 37,100.00
28	<b>Outfield Turfgrass Restoration - Sod</b>	<b>3,134</b>	<b>SY</b>	<b>3,134</b>	<b>\$ 6.00</b>	<b>\$ 18,804.00</b>
29	Turfgrass Restoration - Seed, Fertilizer and Mulch	750	SY		\$ 4.50	\$ -
30	Bases	2	EA	2	\$ 630.00	\$ 1,260.00
31	Base Jewels	2	EA	2	\$ 137.00	\$ 274.00
32	Home Plate	7	EA	7	\$ 323.00	\$ 2,261.00
33	Base Anchors	10	EA	10	\$ 149.00	\$ 1,490.00
34	Portable Mound	1	LS	1	\$ 18,100.00	\$ 18,100.00
35	Pitching Rubber	6	EA	6	\$ 260.00	\$ 1,560.00
36	<b>Batting Cages</b>	<b>1</b>	<b>EA</b>	<b>0.50</b>	<b>\$ 23,650.00</b>	<b>\$ 11,825.00</b>
37	Fence Cap	12	EA		\$ 425.00	\$ -
38	<b>Outfield Distance Markers</b>	<b>20</b>	<b>EA</b>	<b>10</b>	<b>\$ 196.00</b>	<b>\$ 1,960.00</b>
39	Dugouts	2	EA	2	\$ 53,000.00	\$ 106,000.00
40	<b>Benches</b>	<b>6</b>	<b>EA</b>	<b>3</b>	<b>\$ 2,900.00</b>	<b>\$ 8,700.00</b>
41	<b>Stand Up Cubby</b>	<b>2</b>	<b>EA</b>	<b>1</b>	<b>\$ 7,000.00</b>	<b>\$ 7,000.00</b>
42	<b>Coat Rack and Shelf</b>	<b>4</b>	<b>EA</b>	<b>2</b>	<b>\$ 875.00</b>	<b>\$ 1,750.00</b>
43	<b>Padding and Netting for Dugout Railing</b>	<b>2</b>	<b>LS</b>	<b>1</b>	<b>\$ 3,700.00</b>	<b>\$ 3,700.00</b>
44	Remove Existing Sidewalk	95	SF		\$ 15.00	\$ -
45	Concrete Sidewalk	95	SF		\$ 12.00	\$ -
46	Apron Endwall with Grate	1	EA		\$ 800.00	\$ -
47	Medium Rip-Rap	40	SF		\$ 47.00	\$ -
<b>Mindiola Park Soccer Field Base Bid Items</b>						
48	<b>Mobilization</b>	<b>1</b>	<b>LS</b>	<b>0.5</b>	<b>\$ 120,380.00</b>	<b>\$ 60,190.00</b>
49	<b>Construction Fencing</b>	<b>1,850</b>	<b>LF</b>	<b>1500</b>	<b>\$ 4.00</b>	<b>\$ 6,000.00</b>
50	<b>Silt Fence</b>	<b>990</b>	<b>LF</b>	<b>900</b>	<b>\$ 3.50</b>	<b>\$ 3,150.00</b>

51	Stone Construction Entrance	1	EA	1	\$ 5,000.00	\$ 5,000.00
52	Inlet Protection	2	EA	2	\$ 150.00	\$ 300.00
53	Temporary Ditch Check	3	EA		\$ 250.00	\$ -
54	12" Storm Sewer Connection to Field Drainage System	70	LF	35	\$ 28.00	\$ 980.00
55	Apron Endwall with Grate	2	EA	1	\$ 500.00	\$ 500.00
56	Medium Rip-Rap	64	SF		\$ 30.00	\$ -
57	Landfill Collection System "Adjustments"	1	LS		\$ 5,000.00	\$ -
58	Strip and Stockpile Topsoil	10,531	SY	7000	\$ 3.50	\$ 24,500.00
59	Fill Material	9,986	CY	3000	\$ 21.00	\$ 63,000.00
60	Fine Grading	1	LS		\$ 18,000.00	\$ -
61	Excavation Below Subgrade	500	CY		\$ 48.00	\$ -
62	Synthetic Turf: all items required above subgrade for installation of synthetic turf including: concrete curb and nailer, base aggregate, drain tile within turf extents and geotextile liner	94,773	SF	10,000	\$ 5.78	\$ 57,800.00
63	6" x 10' LF Sch 40 PVC Drain Pipe	2	EA		\$ 439.00	\$ -
64	Concrete Surfaces	616	SF		\$ 7.00	\$ -
65	Chain Link Fence (4' Ht) (Galvanized)	203	LF		\$ 14.30	\$ -
66	Chain Link Fence (8' Ht) (Galvanized)	1,297	LF		\$ 19.99	\$ -
67	20' Wide Fence Gate (8' Ht) (Galvanized)	1	EA		\$ 1,380.00	\$ -
68	10' Wide Fence Gate (4' Ht) (Galvanized)	1	EA		\$ 1,020.00	\$ -
69	10' Wide Fence Gate (8' Ht) (Galvanized)	1	EA		\$ 1,165.00	\$ -
70	4' Wide Fence Gate (8' Ht) (Galvanized)	3	EA		\$ 684.00	\$ -
71	Turfgrass Restoration - Seed, Fertilizer and Mulch	10,224	SY		\$ 3.60	\$ -
72	Goals and Corner Flag Anchors Installation	1	LS	0.50	\$ 7,080.00	\$ 3,540.00
73	Backstop Net System - Behind Goals (20' x 90')	2	EA		\$ 12,000.00	\$ -
74	Corner Flags (Championship Field)	1	EA		\$ 380.00	\$ -
75	Com Box	1	EA	0.50	\$ 1,800.00	\$ 900.00
1	Add Synthetic Turf to all playing surfaces at Frame Park per Sec.01 23 00	77,803	SF	44,000	\$ 4.25	\$ 187,000.00
2	Add black color polymer coating finish in lieu of galvanized finish for all chain link fence (for the 6' and 4' fencing) per Sec. 01 23 00	1	LS	1	\$ 11,220.00	\$ 11,220.00
3	Add 8' Galvanized Chain Link Fence in lieu of 6' Chain Link Fence (Can not be accepted with Alt. No. 2, unless Alt. No. 4 is also accepted) per Sec. 01 23 00	1	LS	1	\$ 6,500.00	\$ 6,500.00

4	Add black color polymer coating for an additional 2' height of chain link fencing. (Contingent on acceptance of alternates No. 2 and No. 3) per Sec 01 23 00	1	LS	1	\$ 4,000.00	\$ 4,000.00
CO 1	Stabilization of outfield Frame Park due to poor soil conditions. (30 day time extension)	1	LS	1	\$ 91,310.27	\$ 91,310.27

Total \$ 1,473,516.89

Less Retainage \$ 61,723.63

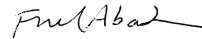
Total \$ 1,411,793.26

Less Previously Paid \$ 585,777.34

Total Amount Due \$ 826,015.92

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$826,015.92 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to Mudtech LLC, N44 W33344 Watertown Plank Road, Nashotah, WI 53058 for Meadowview Park Bridge.

Contract No. #4180

CONTRACT DATE: June 12, 2020

Original \$ 317,545.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	<b>TRAFFIC CONTROL</b>	LS	1	0.75	\$ 800.00	\$ 600.00
2	02002	SILT FENCE	LF	1,500	1,219.30	\$ 3.00	\$ 3,657.90
3	02003	<b>EROSION BALES</b>	EACH	20	18.00	\$ 20.00	\$ 360.00
4	02005	INLET PROTECTION	EACH	1	1.00	\$ 150.00	\$ 150.00
5	03110	REMOVE PIPE	LF	20		\$ 100.00	\$ -
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	25		\$ 8.00	\$ -
7	03605	REMOVE EXISTING ASPHALT ROADWAY	SY	25		\$ 50.00	\$ -
8	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	100		\$ 50.00	\$ -
9	04206	HORIZONTAL DIRECTIONAL DRILL 6 INCH PIPE	LF	25	30.00	\$ 250.00	\$ 7,500.00
10	04212	HORIZONTAL DIRECTIONAL DRILL 12 INCH PIPE	LF	50	30.00	\$ 400.00	\$ 12,000.00
11	04990	3/4" CRUSHED STONE ROADWAY BASE	TON	10		\$ 50.00	\$ -
12	04991	<b>MEADOWVIEW PARK GRADING</b>	LS	1	0.15	\$ 15,000.00	\$ 2,250.00
13	05475	<b>48-INCH STORM SEWER MANHOLE</b>	EACH	2	2.00	\$ 5,000.00	\$ 10,000.00
14	05506	6 INCH PVC STORM SEWER PIPE	LF	90	67.00	\$ 50.00	\$ 3,350.00
15	05512	12 INCH PVC STORM SEWER PIPE	LF	315	142.00	\$ 90.00	\$ 12,780.00
16	05548	<b>18 INCH RCP STORM SEWER PIPE</b>	LF	210	204.50	\$ 76.20	\$ 15,582.90
17	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EACH	22	18.00	\$ 454.54	\$ 8,181.72
18	05850	<b>CONCRETE COLLAR</b>	EACH	2	2.00	\$ 300.00	\$ 600.00
19	05901	LIGHT RIPRAP	CY	20	20.00	\$ 100.00	\$ 2,000.00
20	05955	<b>STORM SEWER CLEANING AND TELEVISION</b>	LF	2,400	1,200.00	\$ 3.00	\$ 3,600.00
21	05990	APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE 6-INCH,	EACH	1	1.00	\$ 600.00	\$ 600.00
22	05991	RIPRAP FILTER FABRIC, TYPE R	SY	50	53.33	\$ 30.00	\$ 1,599.90
23	05992	<b>BASE FLOW DIVERSION STRUCTURE</b>	LS	1	1.00	\$ 7,000.00	\$ 7,000.00
24	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	150		\$ 20.00	\$ -
25	08204	HMA PAVEMENT TYPE 4LT5828S	TON	15		\$ 500.00	\$ -

26	09990	MEADOWVIEW PARK BRIDGE STRUCTURE	LS	1	0.25	\$ 27,500.00	\$ 6,875.00
27	14025	TALL GRASS PRAIRIE SEEDING	SY	700		\$ 5.00	\$ -
28	14045	BIOFILTER SEEDING	SY	8,400	7,782.63	\$ 2.00	\$ 15,565.26
29	14990	MODULAR BLOCK RETAINING WALL	LF	40		\$ 250.00	\$ -
30	14991	TOPSOIL, FERTILIZER, & MULCH	SY	1,250	7,782.63	\$ 2.50	\$ 19,456.58
31	14992	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	1,000		\$ 4.00	\$ -
32	14993	WisDOT NO. 40 SEED MIX	SY	4,100		\$ 3.00	\$ -
33	14994	BIO-FILTRATION BASIN DEWATERING	LS	1	1.00	\$ 25,000.00	\$ 25,000.00
34	14995	ENGINEERED SOIL REPLACEMENT	LF	1,700	1,272.00	\$ 15.00	\$ 19,080.00
35	14996	ENGINEERED SOIL MAINTENANCE	SY	7,750	6,935.00	\$ 4.00	\$ 27,740.00
36	14997	UNDERDRAIN OUTFALL MAINTENANCE	EACH	8	8.00	\$ 500.00	\$ 4,000.00
37	14998	BIO-FILTRATION BASIN INFILTRATION TEST	EACH	9		\$ 57.78	\$ -

Total \$ 209,529.26

Less Retainage \$ 7,938.63

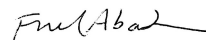
Total \$ 201,590.63

Less Previously Paid \$ 163,747.73

Total Amount Due \$ 37,842.90

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$37,842.90 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 to Musson Bros., Inc., 1522 Pearl Street, Waukesha, WI 53186 for Sanitary Sewer Lining - Pebble Valley Area.

Contract No. #4153

CONTRACT DATE: January 31, 2020

Original \$ 1,742,935.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.8	\$ 10,000.00	\$ 8,000.00
2	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT (APPROX. 32 VERT. FT.)	EACH	28	28	\$ 1,075.00	\$ 30,100.00
3	05050	INTERNAL CHIMNEY SEAL	EACH	28		\$ 725.00	\$ -
4	05056	SANITARY LATERAL CLEANOUT	EACH	213	196	\$ 1,325.00	\$ 259,700.00
5	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	213	169	\$ 250.00	\$ 42,250.00
6	05075	SANITARY SEWER SPOT REPAIR	EACH	3		\$ 8,925.00	\$ -
7	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	5		\$ 5,250.00	\$ -
8	05080	SANITARY LATERAL REINSTATEMENT	EACH	188	187	\$ 95.00	\$ 17,765.00
9	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	10300	10302	\$ 24.75	\$ 254,974.50
10	05311	15 INCH CIPP SANITARY SEWER PIPE	LF	1070	1070	\$ 45.00	\$ 48,150.00
11	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	188	149	\$ 3,150.00	\$ 469,350.00
12	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT.	LF	4600	2,172	\$ 45.00	\$ 97,757.10
13	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 123	EACH	11	11	\$ 1,700.00	\$ 18,700.00
14	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	26		\$ 700.00	\$ -
15	05430	REPLACE SANITARY SEWER COVER	EACH	18	18	\$ 350.00	\$ 6,300.00
16	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	28	59	\$ 200.00	\$ 11,800.00
17	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE		25	20	\$ 2,600.00	\$ 52,000.00
18	05991	NOT USED					\$ -
18A	05992	REHABILITATE SANITARY MANHOLE CHIMNEY W/ CURED IN PLACE CHIMNEY	EACH	18		\$ 600.00	\$ -
19	07003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	1400		\$ 9.50	\$ -
20	08990	ASPHALT PAVEMENT PATCHING	EACH	28	28	\$ 1,000.00	\$ 28,000.00
21	14005	TOPSOIL & SOD	SY	400		\$ 20.00	\$ -

Total \$ 1,344,846.60

Less Retainage \$ 43,573.38

Total \$ 1,301,273.22

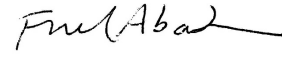
Less Previously Paid \$ 1,192,771.12



Total Amount  
Due \$ 108,502.10

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$108,502.10 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works

October 15, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to RLP Diversified, Inc., 207 Front Street, Burlington, WI 53105 for Woodfield Park Stream Restoration.

Contract No. #4154

CONTRACT DATE: February 20, 2020

Original \$ 339,792.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1010	Mobilization	LS	1	1	\$ 32,400.00	\$ 32,400.00
2	2990	Erosion Control	LS	1	1	\$ 19,800.00	\$ 19,800.00
3	3990	Concrete Dam Removal and Temporary Riprap Placement	LS	1	1	\$ 100.00	\$ 100.00
4	1010	Mobilization	LS	1	1	\$ 100.00	\$ 100.00
5	2991	Construction Dewatering	LS	1	1	\$ 43,500.00	\$ 43,500.00
6	3032	Site Preparation – Clearing and Grubbing of Impoundment East Bank	ACRE	12	12	\$ 2,000.00	\$ 24,000.00
7	4002	Removal of Dam Earthen Embankment	CY	3,000	3000	\$ 8.25	\$ 24,750.00
8	4990	On-Site Disposal Grading	SY	10,550	10550	\$ 2.10	\$ 22,155.00
9	4991	Excavation and Grading of Streambed for New Stream	CY	739	739	\$ 37.00	\$ 27,343.00
10	4992	Streambed Rock Cascade at Top Restoration	CY	30	30	\$ 420.00	\$ 12,600.00
11	4993	Streambed Single Cross Vane Rock Structure	CY	20	20	\$ 500.00	\$ 10,000.00
12	4994	Streambed J-Hook/Single Arm Rock Deflectors	CY	60	60	\$ 375.00	\$ 22,500.00
13	4995	Streambed Boulder Field Feature	CY	180	45	\$ 130.00	\$ 5,850.00
14	4996	Stepping Stone Stream Crossing	LS	1	1.0	\$ 22,000.00	\$ 22,000.00
15	4997	Upstream Culvert Modifications	LS	1	0.25	\$ 9,800.00	\$ 2,450.00
16	14990	Wetland Planting	SF	1000	500.00	\$ 6.20	\$ 3,100.00
17	14991	Impoundment Planting	SY	7200	3,600	\$ 2.10	\$ 7,560.00
18	14992	Turf and Grass Areas	SY	13,770	6,885	\$ 1.20	\$ 8,262.00
19	14993	General Site Restoration	LS	1	0.50	\$ 7,500.00	\$ 3,750.00

Total \$ 292,220.00

Less Retainage \$ 8,494.80

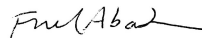
Total \$ 283,725.20

Less Previously Paid \$ 250,634.20

Total Amount Due \$ 33,091.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$33,091.00 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to State Contractors, Inc. for Salt Storage Shed And Loader Storage Shed.

Contract No. # 4183

CONTRACT DATE: July 17, 2020

Original \$ 582,777.77

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	02002	SILT FENCE	LF	1100	1100	\$ 4.00	\$ 4,400.00
2	02005	INLET PROTECTION	EACH	1		\$ 100.00	\$ -
3	03002	GRUBBING	LS	1	1	\$ 5,000.00	\$ 5,000.00
4	03055	TREE REMOVAL	LS	1	1	\$ 5,000.00	\$ 5,000.00
5	04011	SHAPING AND GRADING TO SUBGRADE	LS	1	1	\$ 10,000.00	\$ 10,000.00
6	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1000	675.33	\$ 25.00	\$ 16,883.25
7	04021	3" CRUSHED STONE ROADWAY BASE	TON	300		\$ 25.00	\$ -
8	05680	STORM SEWER INLET REPAIR	VF	2		\$ 1,000.00	\$ -
9	05681	STORM SEWER INLET ADJUSTMENT	EACH	1		\$ 1,000.00	\$ -
10	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	100		\$ 50.00	\$ -
11	07008	8-INCH CONCRETE PAVEMENT	SY	151		\$ 48.00	\$ -
12	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	88		\$ 45.00	\$ -
13	07304	4-INCH CONCRETE SIDEWALK	SF	345		\$ 6.50	\$ -
14	07317	7-INCH CONCRETE SIDEWALK	SF	250		\$ 7.50	\$ -
15	07327	7-INCH CONCRETE DRIVE APPROACH	SF	400		\$ 7.50	\$ -
16	07990	8" CONCRETE SALT SHED BUILDING FLOOR	SY	1124	887	\$ 45.00	\$ 39,915.00
17	07991	8" CONCRETE LOADER BUILDING FLOOR	SY	89		\$ 45.00	\$ -
18	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	2		\$ 2,500.00	\$ -
19	11050	TRANSFORMER BASE - BREAKAWAY, 12-INCH BOLT CIRCLE	EACH	2		\$ 1,500.00	\$ -
20	11990	ELECTRICAL PER PLAN AND SPECIFICATIONS FOR SALT STORAGE BUILDING, LOADER STORAGE BUILDING AND SITE LIGHTING	LS	1		\$ 42,000.00	\$ -
21	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	1685		\$ 5.00	\$ -
22	14200	BOLLARD	EACH	11		\$ 500.00	\$ -
23	14990	TREES AND PLANT MATERIAL, SUPPLY AND INSTALLTION	LS	1		\$ 1,000.00	\$ -

24	15001	CAST-IN-PLACE CONCRETE SALT STORAGE BUILDING WALLS AND FOOTINGS	LS	1		\$ 127,292.27	\$ -
25	15002	SALT STORAGE BUILDING ROOF STRUCTURE AND FABRIC COVERING INCLUSIVE WITH AALL VENTILATION OPENINGS, STRUCTURAL SUPPORTS AND HARDWARE PER PLANS AND SPECIFICATIONS	LS	1		\$ 170,050.00	\$ -
26	15101	CAST-IN-PLACE CONCRETE LOADER BUILDING WALLS AND FOOTINGS	LS	1		\$ 19,700.00	\$ -
27	15102	LOADER STORAGE BUILDING ROOF STRUCTURE AND FABRIC COVERING INCLUSIVE WITH ALL VENTILATION OPENINGS, STRUCTUAL SUPPORTS AND HARDWARE PER PLANS AND SPECIFICATIONS	LS	1		\$ 35,400.00	\$ -
28	15003	SUPPLY AND INSTALL OVERHEAD DOOR, DOOR OPERATOR, FRAME AND HARDWARE PER SPECIFICATIONS AND PLANS FOR SALT STORAGE BUILDING	LS	2		\$ 12,000.00	\$ -
29	15103	SUPPLY AND INSTALL OVERHEAD DOOR, DOOR OPERATOR, FRAME AND HARDWARE PER SPECIFICATIONS AND PLANS FOR LOADER STORAGE BUILDING	LS	1		\$ 3,500.00	\$ -
							\$ -

Total \$ 81,198.25

Less Retainage \$ 4,059.91

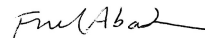
Total \$ 77,138.34

Less Previously Paid \$ -

Total Amount Due \$ 77,138.34

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$77,138.34 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to *State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151* for *Concrete Sidewalk Replacement - City Wide*.

Contract No. #4155

CONTRACT DATE: March 3, 2020

Original \$ 468,800.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	07304	4-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	53,500	51,891.98	\$ 8.00	\$ 415,135.84
2	07316	6-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	1,500	782	\$ 8.00	\$ 6,256.00
3	07326	6-Inch Concrete Drive Approach	Sq. Ft.	1,500	235.14	\$ 8.00	\$ 1,881.12
4	07002	Concrete Curb and Gutter Removal and Replacement	Lin. Ft.	400	75.2	\$ 40.00	\$ 3,008.00
5	07301	Detectable Warming Field	Sq. Ft.	16	8	\$ 50.00	\$ 400.00

Total \$ 426,680.96

Less  
Retainage \$ 11,720.00

Total \$ 414,960.96

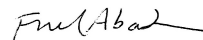
Less  
Previously

Total Amount \$ 251,836.96

Due \$ 163,124.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$163,124.00 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 16 to *State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151 for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement.*

Contract No. #4150

CONTRACT DATE: January 17, 2020

Original

\$ 7,308,401.32

CCO #1

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.95	\$ 92,188.39	\$ 87,578.97
2	01005	DETOUR ROUTE	LS	1	0.95	\$ 9,500.00	\$ 9,025.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	0.80	\$ 4,500.00	\$ 3,600.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1	0.30	\$ 1,000.00	\$ 300.00
5	01017	TEMPORARY SAFETY FENCE	LF	5,500	4,584.00	\$ 10.00	\$ 45,840.00
6	01990	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200	22.50	\$ 25.00	\$ 562.50
7	02002	SILT FENCE	LF	300		\$ 3.00	\$ -
8	02003	EROSION BALES	EACH	100		\$ 15.00	\$ -
9	02005	INLET PROTECTION	EACH	70	80.00	\$ 85.00	\$ 6,800.00
10	02007	SILT SOCK	LF	1,200		\$ 5.40	\$ -
11	03041	CLEARING	INCH DIA	172	187.00	\$ 70.00	\$ 13,090.00
12	03042	GRUBBING	INCH DIA	172	196.00	\$ 20.00	\$ 3,920.00
13	03100	REMOVE SEWER MANHOLE	EACH	4	3.00	\$ 445.00	\$ 1,335.00
14	03101	REMOVE INLET	EACH	16	18.00	\$ 445.00	\$ 8,010.00
15	03110	REMOVE PIPE	LF	321	429.50	\$ 28.00	\$ 12,026.00
16	03200	ABANDON SEWER MANHOLE	EACH	4	4.00	\$ 370.00	\$ 1,480.00
17	03205	ABANDON PIPE	LF	508	350.50	\$ 16.00	\$ 5,608.00
18	03300	REMOVE EXISTING CURB AND GUTTER	LF	7,400	6,836.32	\$ 3.00	\$ 20,508.96
19	03331	<b>REMOVE EXISTING SIDEWALK</b>	<b>SF</b>	<b>65,000</b>	<b>63,315.58</b>	<b>\$ 2.00</b>	<b>\$ 126,631.16</b>
20	03500	<b>SAWCUTTING AT PAVEMENT LIMITS</b>	<b>LF</b>	<b>4,000</b>	<b>1,394.60</b>	<b>\$ 3.00</b>	<b>\$ 4,183.80</b>

21	03650	REMOVE EXISTING ROADWAY	SY	20,000	20,790.90	\$ 10.00	\$ 207,909.00
22	04010	SHAPING AND GRADING TO SUBGRADE	LF	4,400	3,962.00	\$ 35.00	\$ 138,670.00
23	04012	FROST BREAKING AND REMOVAL	LF	3,000	208.00	\$ 3.00	\$ 624.00
24	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2,000		\$ 3.00	\$ -
25	04016	GEOTEXTILE GRID TYPE BX1100	SY	5,000		\$ 3.00	\$ -
26	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	13,500	12,790.23	\$ 20.00	\$ 255,804.60
27	04120	SLURRY BACKFILL	CY	250		\$ 69.00	\$ -
28	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	9,500		\$ 14.00	\$ -
29	05011	PIPE BULKHEAD	EACH	4	4.00	\$ 240.00	\$ 960.00
30	05020	ADJUST SEWER MANHOLE	EACH	31	39.00	\$ 915.00	\$ 35,685.00
31	05021	ADJUST INLET	EACH	12	10.00	\$ 740.00	\$ 7,400.00
32	05042	SANITARY SEWER INSIDE DROP	VF	1	1.00	\$ 1,080.00	\$ 1,080.00
33	05050	INTERNAL CHIMNEY SEAL	EACH	9	9.00	\$ 515.00	\$ 4,635.00
34	05056	SANITARY LATERAL CLEANOUT	EACH	10	6.00	\$ 1,981.86	\$ 11,891.16
35	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	10	6.00	\$ 428.40	\$ 2,570.40
36	05075	SANITARY SEWER SPOT REPAIR	EACH	2	1.00	\$ 5,975.00	\$ 5,975.00
37	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 4,075.00	\$ -
38	05080	SANITARY LATERAL REINSTATEMENT	EACH	10	10.00	\$ 127.50	\$ 1,275.00
39	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	682	684.00	\$ 26.93	\$ 18,420.12
40	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	591	593.00	\$ 25.50	\$ 15,121.50
41	05334	24 INCH CIPP STORM SEWER PIPE	LF	950	959.00	\$ 130.00	\$ 124,670.00
42	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	10	6.00	\$ 3,519.00	\$ 21,114.00
43	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	100	38.00	\$ 59.16	\$ 2,248.08
44	05400	48 INCH DIA SANITARY MANHOLE	VF	9	9.00	\$ 777.00	\$ 6,993.00
45	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	8	7.00	\$ 1,275.00	\$ 8,925.00
46	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	9	9.00	\$ 1,187.00	\$ 10,683.00

47	05475	48-INCH STORM SEWER MANHOLE	EACH	3	3.00	\$ 1,990.00	\$ 5,970.00
48	05478	84-INCH STORM SEWER MANHOLE	EACH	1	1.00	\$ 8,785.00	\$ 8,785.00
49	05485	2'X3' STORM INLET	EACH	25	29.00	\$ 2,340.00	\$ 67,860.00
50	05542	12 INCH RCP STORM SEWER PIPE	LF	400	492.80	\$ 118.00	\$ 58,150.40
51	05545	15 INCH RCP STORM SEWER PIPE	LF	125	129.00	\$ 129.00	\$ 16,641.00
52	05548	18 INCH RCP STORM SEWER PIPE	LF	25		\$ 131.00	\$ -
53	05551	21 INCH RCP STORM SEWER PIPE	LF	10		\$ 225.00	\$ -
54	05554	24 INCH RCP STORM SEWER PIPE	LF	10		\$ 232.00	\$ -
55	05565	60 INCH RCP STORM SEWER PIPE	LF	20	8.00	\$ 422.00	\$ 3,376.00
56	05680	STORM SEWER INLET REPAIR	VF	36	5.00	\$ 500.00	\$ 2,500.00
57	05692	STORM SEWER MANHOLE REPAIR	VF	92	4.50	\$ 415.00	\$ 1,867.50
58	05850	CONCRETE COLLAR	EACH	5	2.00	\$ 440.00	\$ 880.00
59	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,756	1,274.10	\$ 1.89	\$ 2,408.05
60	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	54	40.00	\$ 234.60	\$ 9,384.00
61	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,400		\$ 2.96	\$ -
62	05990	CONNECT TO EXISTING STORM SEWER	EACH	2	2.00	\$ 650.00	\$ 1,300.00
63	05991	MODIFY EXT STORM MANHOLE TO CURB INLET	EACH	3	2.00	\$ 1,305.00	\$ 2,610.00
64	05992	MODIFY EXT CURB INLET TO STORM MANHOLE	EACH	5	4.00	\$ 1,305.00	\$ 5,220.00
65	06100	EXTRA BAGS OF CEMENT	EA	100		\$ 20.00	\$ -
66	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	100	134.55	\$ 100.00	\$ 13,455.00
67	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	200	45.90	\$ 70.00	\$ 3,213.00
68	07008	8-INCH CONCRETE PAVEMENT	SY	2,750	4,348.70	\$ 40.00	\$ 173,948.00
69	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	12,750	11,641.20	\$ 42.00	\$ 488,930.40
70	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	100	57.80	\$ 20.00	\$ 1,156.00
71	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	7,350	6,676.10	\$ 20.00	\$ 133,522.00
72	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	75	86.22	\$ 20.00	\$ 1,724.40
73	07301	<b>CURB RAMP DETECTABLE WARNING FIELDS</b>	<b>SF</b>	<b>508</b>	<b>424.00</b>	<b>\$ 70.00</b>	<b>\$ 29,680.00</b>



<b>74</b>	<b>07302</b>	<b>PEDESTRIAN CURB</b>	<b>LF</b>	<b>300</b>	<b>317.50</b>	<b>\$ 50.00</b>	<b>\$ 15,875.00</b>
75	07303	3-INCH CONCRETE SIDEWALK	SF	400	0.00	\$ 6.00	\$ -
<b>76</b>	<b>07304</b>	<b>4-INCH CONCRETE SIDEWALK</b>	<b>SF</b>	<b>42,750</b>	<b>42,656.75</b>	<b>\$ 6.50</b>	<b>\$ 277,268.88</b>
77	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	2,250	1,539.10	\$ 7.00	\$ 10,773.70
78	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	6,000	6,069.25	\$ 7.00	\$ 42,484.75
79	07990	8-INCH CONCRETE PAVEMENT, COLORED	SY	1,600	1,483.67	\$ 108.00	\$ 160,236.36
80	07991	9-INCH DOWELED CONCRETE PAVEMENT, COLORED	SY	600	531.89	\$ 112.00	\$ 59,571.68
81	07992	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE TBT	LF	800	747.90	\$ 25.00	\$ 18,697.50
82	07994	CONCRETE PAVEMENT APPROACH SLAB, WISDOT 415.0410	SY	200	160.26	\$ 210.00	\$ 33,654.60
83	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	2,750	2,053.30	\$ 5.30	\$ 10,882.49
84	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	2,500	1,180.67	\$ 55.00	\$ 64,936.85
85	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	625	307.00	\$ 100.00	\$ 30,700.00
86	08204	HMA PAVEMENT TYPE 4 LT 58 28 S	TON	100	20.00	\$ 115.00	\$ 2,300.00
87	08208	HMA PAVEMENT TYPE 5 LT 58 28 H	TON	450	211.26	\$ 135.00	\$ 28,520.10
88	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58 28 S	TON	50	36.87	\$ 200.00	\$ 7,374.00
89	09980	REMOVING OLD STRUCTURE STA 114+54, WisDOT 203.0200	LS	1	1.00	\$ 70,000.00	\$ 70,000.00
90	09981	EXCAVATION FOR STRUCTURES BRIDGES B-67-039, WisDOT 206.1000	LS	1	1.00	\$ 25,000.00	\$ 25,000.00
91	09982	CONCRETE MASONRY BRIDGES, WisDOT 502.0100	CY	18	15.50	\$ 1,400.00	\$ 21,700.00
92	09983	PROTECTIVE SURFACE TREATMENT, WisDOT 502.3200	SY	587	498.75	\$ 2.50	\$ 1,246.88
93	09984	SAWING PAVEMENT DECK PREPARATION AREAS, WisDOT 509.0310.S	LF	687	64.00	\$ 15.00	\$ 960.00
94	09985	PREPARATION DECKS TYPE 1, WisDOT 509.0351	SY	75	182.00	\$ 230.00	\$ 41,860.00
95	09986	PREPARATION DECKS TYPE 2, WisDOT 509.0352	SY	30	80.39	\$ 290.00	\$ 23,313.10
96	09987	CLEANING DECKS, WisDOT 509.0500	SY	398	393.00	\$ 30.00	\$ 11,790.00
97	09988	CURB REPAIR, WisDOT 509.1200	LF	30	56.60	\$ 100.00	\$ 5,660.00
98	09989	CONCRETE SURFACE REPAIR, WisDOT 509.1500	SF	140	65.49	\$ 325.00	\$ 21,284.25
99	09990	CONCRETE MASONRY OVERLAY DECKS, WisDOT 509.2500	CY	24	40.90	\$ 2,000.00	\$ 81,800.00
100	09991	ADHESIVE ANCHORS 1/2-INCH, WisDOT 502.4104	EACH	16	80.00	\$ 20.00	\$ 1,600.00

101	09992	BAR STEEL REINFORCEMENT HS COATED STRUCTURES, WisDOT 505.0600	LB	1,020	1,607.09	\$ 4.50	\$ 7,231.91
102	09993	JOINT REPAIR, WisDOT 509.1000	SY	26	23.20	\$ 1,300.00	\$ 30,160.00
103	09994	CLEANING AND PAINTING BEARINGS	EACH	30	30.00	\$ 600.00	\$ 18,000.00
104	09995	PEDESTRIAN RAILING	LF	132	131.50	\$ 170.00	\$ 22,355.00
105	10002A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & WISCONSIN	LS	1	1.00	\$ 2,891.14	\$ 2,891.14
106	10002B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & SOUTH	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
107	10002C	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & MAIN	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
108	10002D	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & BANK	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
109	10002E	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & ST PAUL	LS	1	1.00	\$ 1,314.14	\$ 1,314.14
110	10002F	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & NORTH	LS	1	1.00	\$ 1,314.14	\$ 1,314.14
111	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	900	214.00	\$ 7.39	\$ 1,581.46
112	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	3,510	3,385.00	\$ 8.06	\$ 27,283.10
113	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	43	39.00	\$ 840.85	\$ 32,793.15
114	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	18.00	\$ 677.85	\$ 12,201.30
115	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	12	12.00	\$ 885.39	\$ 10,624.68
116	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	13	13.00	\$ 4,234.80	\$ 55,052.40
117	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	3	3.00	\$ 1,538.03	\$ 4,614.09
118	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	2,310	1,953.00	\$ 1.43	\$ 2,792.79
119	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	6,910	5,724.50	\$ 2.06	\$ 11,792.47
120	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,340	1,412.50	\$ 1.54	\$ 2,175.25
121	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6,110	5,909.50	\$ 1.57	\$ 9,277.92
122	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	1,180	574.00	\$ 1.04	\$ 596.96
123	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3,010	2,194.00	\$ 1.51	\$ 3,312.94
124	10140A	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & SOUTH, WDOT 655.0200.01	LS	1	1.00	\$ 993.98	\$ 993.98
125	10140B	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & MAIN, WDOT 655.0200.02	LS	1	1.00	\$ 993.98	\$ 993.98
126	10140C	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & BANK, WDOT 655.0200.03	LS	1	1.00	\$ 993.98	\$ 993.98

127	10140D	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & NORTH, WDOT 655.0200.04	LS	1	1.00	\$ 1,519.64	\$ 1,519.64
128	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	17.00	\$ 257.62	\$ 4,379.54
129	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	16	16.00	\$ 470.30	\$ 7,524.80
130	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED	EACH	3	3.00	\$ 25,319.53	\$ 75,958.59
131	10154	POLES, TYPE 4, WDOT 657.0315	EACH	16	16.00	\$ 1,442.67	\$ 23,082.72
132	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	16	16.00	\$ 200.09	\$ 3,201.44
133	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	14	14.00	\$ 642.62	\$ 8,996.68
134	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	3	3.00	\$ 537.44	\$ 1,612.32
135	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	54	54.00	\$ 620.72	\$ 33,518.88
136	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	10	10.00	\$ 755.11	\$ 7,551.10
137	10605	TRAFFIC SIGNAL FACE 5S 12-INCH, WDOT 658.0175	EACH	1	1.00	\$ 896.79	\$ 896.79
138	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	32	32.00	\$ 417.72	\$ 13,367.04
139	10735A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 9,844.36	\$ 9,844.36
140	10735B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SOUTH ST	LS	1	1.00	\$ 10,896.08	\$ 10,896.08
141	10735C	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, MAIN ST	LS	1	1.00	\$ 9,844.36	\$ 9,844.36
142	10735D	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, BANK ST	LS	1	1.00	\$ 8,398.39	\$ 8,398.39
143	10800A	SIGNAL MOUNTING HARDWARE, WISCONSIN AVE, WDOT 658.5069.01	LS	1	1.00	\$ 3,417.79	\$ 3,417.79
144	10800B	SIGNAL MOUNTING HARDWARE, SOUTH ST, WDOT 658.5069.02	LS	1	1.00	\$ 5,492.01	\$ 5,492.01
145	10800C	SIGNAL MOUNTING HARDWARE, MAIN ST, WDOT 658.5069.03	LS	1	1.00	\$ 4,218.26	\$ 4,218.26
146	10800D	SIGNAL MOUNTING HARDWARE, CORRINA BLVD, WDOT 658.5069.04	LS	1	0.75	\$ 1,489.63	\$ 1,117.22
147	10800E	SIGNAL MOUNTING HARDWARE, BANK ST, WDOT 658.5069.05	LS	1	1.00	\$ 2,903.61	\$ 2,903.61
148	10800F	SIGNAL MOUNTING HARDWARE, ST PAUL, WDOT 658.5069.06	LS	1	1.00	\$ 1,694.13	\$ 1,694.13
149	10800G	SIGNAL MOUNTING HARDWARE, NORTH ST, WDOT 658.5069.07	LS	1	1.00	\$ 1,250.07	\$ 1,250.07
150	10900A	EMERGENCY VEHICLE PREEMPTION SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 7,392.98	\$ 7,392.98
151	10900B	EMERGENCY VEHICLE PREEMPTION SYSTEM, SOUTH ST	LS	1	1.00	\$ 7,392.98	\$ 7,392.98
152	10900C	EMERGENCY VEHICLE PREEMPTION SYSTEM, MAIN ST	LS	1	1.00	\$ 7,392.98	\$ 7,392.98

153	10900D	EMERGENCY VEHICLE PREEMPTION SYSTEM, BANK ST	LS	1	1.00	\$ 6,934.90	\$ 6,934.90
154	10950A	VIDEO VEHICLE DETECTION SYSTEM, SOUTH ST	LS	1	1.00	\$ 31,520.08	\$ 31,520.08
155	10950B	VIDEO VEHICLE DETECTION SYSTEM, MAIN ST	LS	1	1.00	\$ 31,520.08	\$ 31,520.08
156	10950C	VIDEO VEHICLE DETECTION SYSTEM, BANK ST	LS	1	1.00	\$ 28,052.91	\$ 28,052.91
157	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, WISCONSIN AVE	LS	1	1.00	\$ 262.83	\$ 262.83
158	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 525.66	\$ 525.66
159	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, WISCONSIN AVE	EACH	1	1.00	\$ 525.66	\$ 525.66
160	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, WISCONSIN AVE	LS	1	1.00	\$ 881.97	\$ 881.97
161	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, SOUTH ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
162	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, MAIN ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
163	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, BANK ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
164	10985	REMOVE, SALVAGE AND RE-INSTALL EXISTING VIDEO DETECTION SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 5,875.64	\$ 5,875.64
165	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & WISCONSIN	LS	1	1.00	\$ 9,347.41	\$ 9,347.41
166	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & ST PAUL	LS	1	1.00	\$ 8,354.32	\$ 8,354.32
167	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & NORTH	LS	1	1.00	\$ 8,354.32	\$ 8,354.32
168	10987	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	13	13.00	\$ 1,125.23	\$ 14,627.99
169	10988	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7	7.00	\$ 938.36	\$ 6,568.52
170	10989	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	6	6.00	\$ 1,069.77	\$ 6,418.62
171	10992	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	15	15.00	\$ 267.07	\$ 4,006.05
172	10993	FLASHING 30-INCH LED PED SIGN	EACH	4	3.00	\$ 2,307.74	\$ 6,923.22
173	10994	TRAFFIC SIGNAL FACE 3S 12-INCH WITH GEOMETRICALLY PROGRAMMED LOUVER	EACH	7	7.00	\$ 1,323.26	\$ 9,262.82
174	10995	PEDESTAL BASES, WDOT 657.0100, INSTALL ON EXISTING CONCRETE BASE	EACH	5	5.00	\$ 419.36	\$ 2,096.80
175	10996	RELOCATE EXISTING SIGNAL POLE TO NEW BASE (E. NORTH ST.)	EACH	1	1.00	\$ 818.81	\$ 818.81
176	11001	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	3	2.00	\$ 677.85	\$ 1,355.70
177	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	4	4.00	\$ 805.79	\$ 3,223.16
178	11012	CONCRETE BASE - TYPE POST TOP	EACH	49	48.00	\$ 684.57	\$ 32,859.36

179	11016	CONCRETE CABINET BASE - TYPE L30, WDOT 654.0230	EACH	1	1.00	\$ 1,275.21	\$ 1,275.21
180	11025	PULL BOX - 15-INCH PVC	EACH	40	39.00	\$ 620.70	\$ 24,207.30
181	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	24	16.00	\$ 814.57	\$ 13,033.12
182	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	6,750	6,729.00	\$ 8.60	\$ 57,869.40
183	11112	CONDUIT 3-INCH HDPE	LF	3,750	3,423.50	\$ 9.51	\$ 32,557.49
184	11120	12/2 UF W/GROUND WIRE	LF	4,000		\$ 1.76	\$ -
185	11123	#10 XLP USE WIRE	LF	1,000	507.00	\$ 1.04	\$ 527.28
186	11124	#8 XLP USE WIRE	LF	750	1,686.00	\$ 1.16	\$ 1,955.76
187	11125	#6 XLP USE WIRE	LF	6,800	4,825.00	\$ 1.33	\$ 6,417.25
188	11126	#4 XLP USE WIRE	LF	20,400	14,392.00	\$ 1.74	\$ 25,042.08
189	11127	#2 XLP USE WIRE	LF	11,800	7,206.50	\$ 2.29	\$ 16,502.89
190	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1	1.00	\$ 3,942.43	\$ 3,942.43
191	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	40	39.00	\$ 292.04	\$ 11,389.56
192	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	60	40.00	\$ 65.71	\$ 2,628.40
193	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	11	16.00	\$ 523.13	\$ 8,370.08
194	11500	TEMPORARY STREET LIGHTING	LS	1	1.00	\$ 23,802.19	\$ 23,802.19
195	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1	1.00	\$ 17,231.47	\$ 17,231.47
196	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	16	18.00	\$ 1,494.49	\$ 26,900.82
197	11990	PARK LUMINAIRE REMOVE & DISPOSE OF	EACH	14	11.00	\$ 262.83	\$ 2,891.13
198	11991	INSTALL PROVIDED PARK LUMINAIRE	EACH	14	13.00	\$ 350.47	\$ 4,556.11
199	11992	REMOVE AND SALVAGE TYPE 5 POLE AND LUMINAIRE	EACH	10	11.00	\$ 555.98	\$ 6,115.78
200	11993	REMOVE AND SALVAGE POST TOP POLE AND LUMINAIRE	EACH	13	13.00	\$ 555.98	\$ 7,227.74
201	11994	INSTALL PROVIDED TYPE 5 POLE & LUMINAIRE	EACH	24		\$ 621.69	\$ -
<b>202</b>	<b>11995</b>	<b>INSTALL PROVIDED POST TOP POLE &amp; LUMINAIRE</b>	<b>EACH</b>	<b>64</b>	<b>37.00</b>	<b>\$ 643.63</b>	<b>\$ 23,814.31</b>
203	11996	INSTALL PROVIDED RECEPTACLE CABINET	EACH	1	1.00	\$ 8,093.11	\$ 8,093.11
204	11997	120/240 METER PEDESTAL	EACH	1	1.00	\$ 993.98	\$ 993.98
205	11998	SPREAD FOOTING, POST TOP BASE	EACH	5	3.00	\$ 889.57	\$ 2,668.71

206	11999	COMMUNICATION CONDUIT ACROSS BARSTOW BRIDGE	LS	1	1.00	\$ 2,803.58	\$ 2,803.58
207	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4,200	3,812.00	\$ 5.25	\$ 20,013.00
<b>208</b>	<b>12202</b>	<b>PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH</b>	<b>LF</b>	<b>7,600</b>	<b>7,382.00</b>	<b>\$ 1.60</b>	<b>\$ 11,811.20</b>
209	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	400	364.80	\$ 1.85	\$ 674.88
210	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	1,500	1,470.60	\$ 2.10	\$ 3,088.26
211	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	1,400	1,635.10	\$ 12.75	\$ 20,847.53
212	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1,750	1,650.10	\$ 8.50	\$ 14,025.85
213	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	550	469.80	\$ 14.25	\$ 6,694.65
214	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	12	12.00	\$ 275.00	\$ 3,300.00
215	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	4	6.00	\$ 275.00	\$ 1,650.00
216	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	13	12.00	\$ 350.00	\$ 4,200.00
217	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 20,000.00	\$ -
218	12991	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	8	11.00	\$ 175.00	\$ 1,925.00
219	13002	REMOVE SIGN	EACH	107	113.00	\$ 55.00	\$ 6,215.00
220	13003	REMOVE POSTS	EACH	64	58.00	\$ 35.00	\$ 2,030.00
221	13006	REMOVE, STORE AND RE-INSTALL SIGNS W/ NEW POSTS	EACH	29	24.00	\$ 265.00	\$ 6,360.00
222	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	72	55.00	\$ 225.00	\$ 12,375.00
223	13030	SIGN, REFLECTIVE TYPE II	EACH	172	149.00	\$ 195.00	\$ 29,055.00
224	13300	MOVE SIGN	EACH	8	10.00	\$ 265.00	\$ 2,650.00
225	13990	CONCRETE BASE TYPE 1 (DECORATIVE POLE)	EACH	2	1.00	\$ 2,500.00	\$ 2,500.00
226	13991	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	55	69.00	\$ 150.00	\$ 10,350.00
227	14001	TOPSOIL	SY	200	124.30	\$ 10.00	\$ 1,243.00
<b>228</b>	<b>14005</b>	<b>TOPSOIL &amp; SOD</b>	<b>SY</b>	<b>1,000</b>	<b>964.21</b>	<b>\$ 17.80</b>	<b>\$ 17,162.94</b>
229	14052	STRUCTURAL SOIL	CY	950	240.20	\$ 110.00	\$ 26,422.00
230	14076	SALVAGE AND REUSE BRICK PAVERS	SF	2,000	1,025.40	\$ 15.00	\$ 15,381.00
<b>231</b>	<b>14075</b>	<b>BITUMINOUS SET CONCRETE PAVERS</b>	<b>SF</b>	<b>38,000</b>	<b>37,693.04</b>	<b>\$ 20.50</b>	<b>\$ 772,707.32</b>
232	14080	TREE GRATES	EACH	16	16.00	\$ 4,000.00	\$ 64,000.00

233	14988	INSTALL CITY FURNISHED TREE GRATE	EACH	30	18.00	\$ 1,000.00	\$ 18,000.00
234	14989	PLANTER BED CURB	LF	950	859.10	\$ 50.00	\$ 42,955.00
235	14990	ARONIA MELANOCARPA "MORTON" (IROQUOIS BEAUTY BLACK CHOKEBERRY)	EACH	17	16.00	\$ 95.00	\$ 1,520.00
236	14991	HYDRANGEA PANICULATA "BOBO" (BOBO HYDRANGEA)	EACH	10		\$ 115.00	\$ -
237	14992	HYDRANGEA PANICULATA "LITTLE LIME" (LITTLE LIME HYDRANGEA)	EACH	4		\$ 115.00	\$ -
238	14993	ROSA RUGOSA "DWARF PAVEMENT" (DWARF PAVEMENT RUGOSA ROSE)	EACH	26	26.00	\$ 95.00	\$ 2,470.00
239	14994	VIBURNUM LENTAGO "TREE FORM" (TREE FORM NANNYBERRY VIBUMUM)	EACH	3	3.00	\$ 650.00	\$ 1,950.00
240	14995	CALAMAGROSTIS X ACUTIFLORA "KARL FOERSTER" (FEATHER REED GRASS)	EACH	25		\$ 42.00	\$ -
241	14996	SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	EACH	74	68.00	\$ 42.00	\$ 2,856.00
242	14997	ACHILLEA X "MOONSHINE" (MOONSHINE YARROW)	EACH	23	15.00	\$ 42.00	\$ 630.00
243	14998	HEMEROCALLIS X "STELLA DE ORO" (STELLA DE ORO DAYLILY)	EACH	95	96.00	\$ 42.00	\$ 4,032.00
244	14999	NEPETA X FAASSENII "NOVANEPJUN" <sup>TM</sup> (JUNIOR WALKER CATMINT)	EACH	16	20.00	\$ 42.00	\$ 840.00
245	15001	24-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	100	98.00	\$ 840.00	\$ 82,320.00
246	15002	12-INCH WATER MAIN AND FITTINGS (NEXT TO EXISTING WATER MAIN)	LF	3,020	3,030.00	\$ 170.00	\$ 515,100.00
247	15003	12-INCH WATER MAIN AND FITTINGS (REMOVE EXISTING WATER MAIN	LF	340	328.00	\$ 160.00	\$ 52,480.00
248	15004	8-INCH WATER MAIN AND FITTINGS	LF	240	240.00	\$ 235.00	\$ 56,400.00
249	15005	12-INCH GATE VALVE AND BOX	EACH	8	8.00	\$ 3,150.00	\$ 25,200.00
250	15006	8-INCH GATE VALVE AND BOX	EACH	2	2.00	\$ 1,630.00	\$ 3,260.00
251	15007	HYDRANT VALVE, 6-INCH D.I. LEAD AND HYDRANT	EACH	8	8.00	\$ 7,530.00	\$ 60,240.00
252	15008	CONNECT SERVICE LATERAL (SL1)	EACH	6	6.00	\$ 3,065.00	\$ 18,390.00
253	15009	CONNECT SERVICE LATERAL (SL2)	EACH	1	1.00	\$ 3,575.00	\$ 3,575.00
254	15010	CONNECT SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 3,455.00	\$ 3,455.00
255	15011	CONNECT SERVICE LATERAL (SL4)	EACH	1	1.00	\$ 3,340.00	\$ 3,340.00
256	15012	CONNECT SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 3,450.00	\$ 3,450.00
257	15013	CONNECT SERVICE LATERAL (SL6)	EACH	1	1.00	\$ 3,300.00	\$ 3,300.00
258	15014	CONNECT SERVICE LATERAL (SL7)	EACH	4	4.00	\$ 5,465.00	\$ 21,860.00
259	15015	CONNECT SERVICE LATERAL (SL8)	EACH	3	3.00	\$ 9,125.00	\$ 27,375.00

260	15016	CONNECT SERVICE LATERAL (SL9)	EACH	1	1.00	\$ 7,900.00	\$ 7,900.00
261	15017	CONNECT SERVICE LATERAL (SL10)	EACH	1	1.00	\$ 9,795.00	\$ 9,795.00
262	15018	TEMPORARY WATER SUPPLY SYSTEM (SL11)	EACH	1	1.00	\$ 13,300.00	\$ 13,300.00
<b>263</b>	<b>15019</b>	<b>ABANDON EXISTING HYDRANT</b>	<b>EACH</b>	<b>9</b>	<b>5.00</b>	<b>\$ 885.00</b>	<b>\$ 4,425.00</b>
<b>264</b>	<b>15020</b>	<b>ABANDON VALVE BOXES AND MANHOLES</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$ 3,450.00</b>	<b>\$ 3,450.00</b>
265	15021	FURNISH AND INSTALL BLOW-OFFS	LS	1	1.00	\$ 3,450.00	\$ 3,450.00
Extra No. 1		FULL DEPTH DECK REPAIR	SY		1.93	\$ 1,552.50	\$ 2,996.33
Extra No. 2		EPOXY CRACK INJECTION	LF		88.20	\$ 139.15	\$ 12,273.03

Total \$ 6,497,414.73

Less Retainage \$ 182,710.03

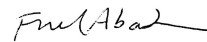
Total \$ 6,314,704.70

Less Previously Paid \$ 6,166,735.87

Total Amount Due \$ 147,968.83

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$147,968.83 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works



October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 (Final) to Visu-Sewer, Inc. W230 N4855 Betker Drive, Pewaukee, WI 53072 for Sanitary Sewer Manhole Repair And Replacement - 2019

Contract No. #4124

CONTRACT DATE: May 21, 2019

Original \$ 70,235.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 610 VERT. FT.)	EACH	59	59	\$ 1,165.00	\$ 68,735.00
2	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	3	3	\$ 500.00	\$ 1,500.00

Total \$ 70,235.00

Less Retainage \$ -

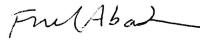
Total \$ 70,235.00

Less Previously Paid \$ 68,479.12

Total Amount Due \$ 1,755.88

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,755.88 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 (Final) to Visu-Sewer, Inc., W230 N4855 Betker Drive, Pewaukee, WI 53072 for Sanitary Sewer Lining And Manhole Rehabilitation - 2018.

Contract No. #4041

CONTRACT DATE: February 22, 2018

Original \$ 844,980.80

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	8,500.00	\$ 8,500.00
2	03200	ABANDON SEWER MANHOLE	EACH	6	6	1,260.00	\$ 7,560.00
3	05030	CHIMNEY REPLACEMENT	EACH	8	9	2,835.00	\$ 25,515.00
4	05050	INTERNAL CHIMNEY SEAL	EACH	11	11	650.00	\$ 7,150.00
5	05056	SANITARY LATERAL CLEANOUT	EACH	2	2	1,470.00	\$ 2,940.00
6	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	2	2	290.00	\$ 580.00
7	05075	SANITARY SEWER SPOT REPAIR	EACH	2		14,700.00	\$ -
8	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		13,650.00	\$ -
9	05080	SANITARY LATERAL REINSTATEMENT	EACH	8	8	250.00	\$ 2,000.00
10	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	6	6	920.00	\$ 5,520.00
11	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	1,696	1,693	19.00	\$ 32,167.00
12	05315	15 INCH CIPP SANITARY SEWER PIPE	LF	722	722	52.50	\$ 37,905.00
13	05318	18 INCH CIPP SANITARY SEWER PIPE	LF	218	218	65.00	\$ 14,170.00
14	05320	20 INCH CIPP SANITARY SEWER PIPE	LF	366	366	85.00	\$ 31,110.00
15	05321	21 INCH CIPP SANITARY SEWER PIPE	LF	5,364	5,374	82.70	\$ 444,429.80
17	05330	30 INCH CIPP SANITARY SEWER PIPE	LF	652	652	132.00	\$ 86,064.00
18	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	2	2	5,515.00	\$ 11,030.00
19	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM	LF	20	15.3	52.50	\$ 803.25
20	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 240	EACH	17	17	1,560.00	\$ 26,520.00
21	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1	1	3,575.00	\$ 3,575.00
22	05450	REPLACE SANITARY SEWER COVER	EACH	7	7	262.50	\$ 1,837.50
23	05990	REPLACE EXISTING LATERAL TEE	EACH	2	2	12,600.00	\$ 25,200.00

24	08990	ASPHALT PAVEMENT PATCHING	EACH	9	9	1,575.00	\$ 14,175.00
25	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	65	123	31.50	\$ 3,874.50
26	14005	TOPSOIL & SOD	SY	20		42.00	\$ -

Total \$ 792,626.05

Less Retainage \$ -

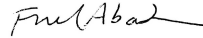
Total \$ 792,626.05

Less Previously Paid \$ 771,501.53

Total Amount Due \$ 21,124.52

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$21,124.52 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
 Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 (Final) to Visu-Sewer, Inc., W230 N4855 Betker Drive, Pewaukee, WI 53072 for Sanitary Sewer Lining And Manhole Rehabilitation - 2019 project.

Contract No. #4102

CONTRACT DATE: February 19, 2019

Original

\$ 469,978.25

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	\$ 21,000.00	\$ 21,000.00
2	05030	CHIMNEY REPLACEMENT	EACH	3	3	\$ 3,360.00	\$ 10,080.00
3	05050	INTERNAL CHIMNEY SEAL	EACH	6	6	\$ 635.00	\$ 3,810.00
4	05075	SANITARY SEWER SPOT REPAIR	EACH	2		\$ 9,870.00	\$ -
5	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	3	2	\$ 9,975.00	\$ 19,950.00
6	05080	SANITARY LATERAL REINSTATEMENT	EACH	25	25	\$ 75.00	\$ 1,875.00
7	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	25	24	\$ 510.00	\$ 12,240.00
8	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	60	33	\$ 500.00	\$ 16,500.00
9	05316	24 INCH CIPP SANITARY SEWER PIPE	LF	3405	3412	\$ 86.50	\$ 295,138.00
10	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	2	2	\$ 1,750.00	\$ 3,500.00
11	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	3	3	\$ 525.00	\$ 1,575.00
12	05430	REPLACE SANITARY SEWER COVER	EACH	8	8	\$ 184.00	\$ 1,472.00
13	05990	REHABILITATE SANITARY MANHOLE CHIMNEY W/ CEMENTITIOUS LINER	EACH	5	5	\$ 200.00	\$ 1,000.00
14	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	345	261.92	\$ 89.25	\$ 23,376.36
15	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	40	29.1	\$ 52.50	\$ 1,527.75
16	07003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	150		\$ 15.75	\$ -
17	12101	PAVEMENT MARKING PAINT, LINE, 4-INCH	LF	165	142.9	\$ 10.50	\$ 1,500.45
18	12163	PAVEMENT MARKING PAINT, SYMBOL, LEFT ARROW	EACH	1	1	\$ 420.00	\$ 420.00
19	14005	TOPSOIL & SOD	SY	25	10.9	\$ 52.50	\$ 572.25

20		DEDUCT FOR CITY PUMP STATION STAFF HOURS	LS		1	\$ (898.10)	\$ (898.10)
21		CN RAILROAD FLAGGING (AT 50%)	LS		1	\$ 4,100.00	\$ 2,050.00

Total \$ 416,688.71

Less Retainage \$ -

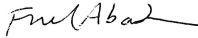
Total \$ 416,688.71

Less Previously Paid \$ 404,939.25

Total Amount Due \$ 11,749.46

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$11,749.46 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Wil-Surge Electric, Inc., 13201 W. Silver Spring Road, Butler, WI 53007 for Mindiola And Buchner Parks Install City Furnished Musco Lighting Units.

Contract No. # 4179

CONTRACT DATE: May 29, 2020

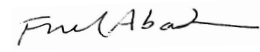
Original \$ 221,930.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>BUCHNER PARK TENNIS COURTS</b>							
1		Remove and Dispose of existing Tennis Court Poles, Luminares, and Concrete Bases	Each	12	6.00	\$ 1,895.00	\$ 11,370.00
2		<b>Install City Furnished Musco Poles and Luminares - Buchner</b>	Each	8	8.00	\$ 1,925.00	\$ 15,400.00
3		Install City Furnished Musco Precast Concrete Foundations - Buchner	Each	8	8.00	\$ 3,420.00	\$ 27,360.00
4	11102	Supply and Install 2-inch Conduit Special - Buchner	Linear Foot	480	480.00	\$ 17.50	\$ 8,400.00
6	11125	#6 XLP USE Wire	Linear Foot	8,500		\$ 0.98	\$ -
7	11124	#8 XLP USE Wire	Linear Foot	2,500		\$ 0.78	\$ -
8		<b>Install City Furnished Musco Control Cabinet - Buchner</b>	Each	1	1.00	\$ 2,850.00	\$ 2,850.00
9	11026	<b>Supply and Install 24-inch Pull Box</b>	Each	5	5.00	\$ 825.00	\$ 4,125.00
10		<b>Storage of Musco Luminares</b>	Lump Sum	1	1.00	\$ 5,500.00	\$ 5,500.00
11		Concrete Patching	Each	10		\$ 670.00	\$ -
12	04020	1.25-inch Crushed Stone Roadway Base	Ton	44		\$ 63.50	\$ -
<b>SUBTOTAL BUCHNER PARK TENNIS COURTS</b>							
<b>MINDIOLA SOCCER FIELD</b>							
13		Install City Furnished Musco Poles and Luminares - Mindiola	Each	4		\$ 2,325.00	\$ -
14		Install City Furnished Musco Precast Concrete Foundations - Mindiola	Each	4		\$ 13,302.00	\$ -
15		Supply and Install 2-inch Conduit Special - Mindiola	Linear Foot	1,200		\$ 14.28	\$ -
16	11126	#4 XLP USE Wire	Linear Foot	8,000		\$ 1.30	\$ -
17	11125	#6 XLP USE Wire	Linear Foot	2,000		\$ 0.98	\$ -
18		Supply and Install Outdoor 400-amp 208-volt, three phase service - Mindiola	Lump Sum	1		\$ 4,777.00	\$ -
19		Install City Furnished Musco Control Cabinet - Mindiola	Each	1		\$ 2,900.00	\$ -
20	11026	Supply and Install 24-inch Pull Box	Each	4		\$ 850.00	\$ -
21		Supply and Install Galvanized Steel Support Structure - Mindiola	Lump Sum	1		\$ 4,200.00	\$ -
22		<b>Storage of Musco Luminares</b>	Lump Sum	1	0.22	\$ 8,500.00	\$ 1,870.00
<b>SUBTOTAL BUCHNER PARK TENNIS COURTS</b>							
<b>TOTAL BID (BUCHNER TENNIS COURTS + MINDIOLA SOCCER FIELD)</b>							

Total	\$	76,875.00
Less Retainage	\$	3,843.75
Total	\$	73,031.25
Less Previously Paid	\$	44,773.50
Total Amount Due	\$	28,257.75

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$28,257.75 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works

October 22, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 to Wolf Paving Co., Inc., 612 N. Sawyer Road, Oconomowoc, WI 53066 for 2020 Resurfacing And Area 1 and 2 Flood Mitigation.

Contract No. #4167

CONTRACT DATE: May 5, 2020

Original \$ 2,197,372.89

CO1 \$ 2,956,019.89

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	<b>01001</b>	<b>TRAFFIC CONTROL</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$ 21,972.89</b>	<b>\$ 21,972.89</b>
2	02003	EROSION BALES	EA	20		\$ 15.00	\$ -
3	<b>02005</b>	<b>INLET PROTECTION</b>	<b>EA</b>	<b>40</b>	<b>40.00</b>	<b>\$ 53.00</b>	<b>\$ 2,120.00</b>
4	02990	BYPASS PUMPING	LS	1		\$ 31,500.00	\$ -
5	03011	CLEARING	STA	12	9.18	\$ 1,375.00	\$ 12,622.50
6	03250	REMOVE FENCE	LF	55		\$ 25.00	\$ -
7	<b>03331</b>	<b>REMOVE EXISTING SIDEWALK</b>	<b>SF</b>	<b>9500</b>	<b>11045.42</b>	<b>\$ 3.20</b>	<b>\$ 35,345.34</b>
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	400		\$ 2.25	\$ -
9	04002	EXCAVATION CUT	CY	6125	5263.00	\$ 35.00	\$ 184,205.00
10	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 2.02	\$ -
11	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 2.41	\$ -
12	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000	102.93	\$ 13.55	\$ 1,394.70
13	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.40	\$ -
14	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	17000	17551.90	\$ 1.21	\$ 21,237.80
15	05020	SANITARY SEWER MANOLE ADJUSTMENT	EA	11		\$ 1,100.00	\$ -
16	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EA	37	35.00	\$ 1,875.00	\$ 65,625.00
17	05050	INTERNAL CHIMNEY SEAL	EA	37		\$ 500.00	\$ -
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EA	9		\$ 750.00	\$ -
19	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EA	3	3.00	\$ 860.00	\$ 2,580.00
20	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GAL	20		\$ 10.00	\$ -
21	05485	2'X3' STORM INLET	EA	3	3.00	\$ 1,200.00	\$ 3,600.00
22	05542	12 INCH RCP STORM SEWER PIPE	LF	105	100.00	\$ 90.00	\$ 9,000.00
23	05545	15 INCH RCP STORM SEWER PIPE	LF	25	25.00	\$ 130.00	\$ 3,250.00
24	05680	STORM SEWER INLET REPAIR	VF	30	30.00	\$ 1,000.00	\$ 30,000.00
25	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
26	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EA	1		\$ 1,600.00	\$ -
27	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EA	1	1.00	\$ 750.00	\$ 750.00
28	05902	MEDIUM RIPRAP	CY	60	40.00	\$ 130.00	\$ 5,200.00
29	05903	HEAVY RIPRAP	CY	575	343.00	\$ 100.00	\$ 34,300.00
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	9175	5470.00	\$ 0.01	\$ 54.70



31	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1665	1653.00	\$ 1.85	\$ 3,058.05
32	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	130	29.00	\$ 9.50	\$ 275.50
33	05990	DEVONSHIRE CT SANITARY SEWER REPAIR	LS	1	1.00	\$ 9,500.00	\$ 9,500.00
34	05991	CHEMICAL GROUT SEALING OF SANITARY SEWER	EA	1	1.00	\$ 900.00	\$ 900.00
35	05995	4'H x 6'W BOX CULVERT	LF	248	200.00	\$ 650.00	\$ 130,000.00
36	05996	4'H x 8'W BOX CULVERT	LF	461	461.00	\$ 800.00	\$ 368,800.00
37	05997	4'H x 10'W BOX CULVERT	LF	98	50.00	\$ 1,100.00	\$ 55,000.00
38	05881	4'H x 6'W BOX CULVERT END SECTION	EA	4	4.00	\$ 2,500.00	\$ 10,000.00
39	05998	4'H x 8'W BOX CULVERT END SECTION	EA	10	8.00	\$ 2,750.00	\$ 22,000.00
40	05999	4'H x 10'W BOX CULVERT END SECTION	EA	2	2.00	\$ 3,000.00	\$ 6,000.00
41	06500	TYPE A SLURRY	CY	50		\$ 65.00	\$ -
42	<b>07002</b>	<b>CONCRETE CURB AND GUTTER REMOVAL And REPLACEMENT</b>	<b>LF</b>	<b>1450</b>	<b>1894.40</b>	<b>\$ 50.70</b>	<b>\$ 96,046.08</b>
43	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	496	496.00	\$ 50.00	\$ 24,800.00
44	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
45	<b>07304</b>	<b>4-INCH CONCRETE SIDEWALK</b>	<b>SF</b>	<b>9500</b>	<b>11045.42</b>	<b>\$ 7.00</b>	<b>\$ 77,317.94</b>
46	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	17700	16500.50	\$ 2.01	\$ 33,166.01
47	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	17000	17551.90	\$ 2.21	\$ 38,789.70
48	<b>08020</b>	<b>FOUNDATION PREPARATION OF MILLED PAVEMENT</b>	<b>SY</b>	<b>8750</b>	<b>8706.96</b>	<b>\$ 0.20</b>	<b>\$ 1,741.39</b>
49	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	400		\$ 12.05	\$ -
50	08065	HMA PAVEMENT PATCHING	SY	1000	116.00	\$ 15.32	\$ 1,777.12
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3000	2909.19	\$ 63.50	\$ 184,733.57
52	<b>08205</b>	<b>HMA PAVEMENT TYPE 5LT5828S</b>	<b>TON</b>	<b>3100</b>	<b>3368.94</b>	<b>\$ 69.10</b>	<b>\$ 232,793.75</b>
53	<b>08403</b>	<b>PAVEMENT CRACK SEALING</b>	<b>SY</b>	<b>8750</b>	<b>8706.96</b>	<b>\$ 1.38</b>	<b>\$ 12,015.60</b>
54	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	3400	2934.66	\$ 1.65	\$ 4,842.19
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	80	56.00	\$ 3.35	\$ 187.60
56	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	315	334.00	\$ 2.45	\$ 818.30
57	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	415	320.50	\$ 4.95	\$ 1,586.48
58	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18 INCH	LF	75	70.67	\$ 7.45	\$ 526.49
59	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EA	1	1.00	\$ 165.00	\$ 165.00
60	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 7.30	\$ -
61	<b>14005</b>	<b>TOPSOIL &amp; SOD</b>	<b>SY</b>	<b>1000</b>	<b>1665.20</b>	<b>\$ 12.80</b>	<b>\$ 21,314.56</b>
62	14101	SPLIT-RAIL WOOD FENCE	LF	55		\$ 42.40	\$ -
63	15001	WATERMAIN OFFSETS	EA	3	3.00	\$ 8,500.00	\$ 25,500.00
64	14990	VEGITATED RIP RAP	SY	9,175	677.00	\$ 0.01	\$ 6.77

**MANDATORY ALTERNATE #1 - REMOVAL OF COFFER DAM**

1	03989	REMOVE COFFER DAM, MINOR GRADING, AND RESTORE WITH VEGETATED RIP RAP	LS	1	0.50	\$ 12,500.00	\$ 6,250.00
---	-------	--	----	---	------	--------------	-------------

**MANDATORY ALTERNATE #2 - RUBEN DRIVE AND LAURA LANE**

1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 2,480.00	\$ 2,480.00
2	02003	EROSION BALES	EACH	20		\$ 15.00	\$ -
3	<b>02005</b>	<b>INLET PROTECTION</b>	<b>EACH</b>	<b>39</b>	<b>39.00</b>	<b>\$ 53.00</b>	<b>\$ 2,067.00</b>
4	03331	REMOVE EXISTING SIDEWALK	SF	6350	6195.06	\$ 3.20	\$ 19,824.19
5	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	415		\$ 2.25	\$ -
6	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 1.82	\$ -
7	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 3.50	\$ -
8	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000	72.05	\$ 13.60	\$ 979.88
9	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.81	\$ -
10	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	18200	17899.00	\$ 1.00	\$ 17,899.00
11	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EACH	26	26.00	\$ 1,875.00	\$ 48,750.00
12	05050	INTERNAL CHIMNEY SEAL	EACH	26	20.00	\$ 500.00	\$ 10,000.00
13	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	216	174.00	\$ 135.00	\$ 23,490.00
14	<b>05410</b>	<b>REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER</b>	<b>EACH</b>	<b>26</b>	<b>28.00</b>	<b>\$ 1,275.00</b>	<b>\$ 35,700.00</b>
15	<b>05420</b>	<b>SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR</b>	<b>EACH</b>	<b>10</b>	<b>10.00</b>	<b>\$ 750.00</b>	<b>\$ 7,500.00</b>
16	05680	STORM SEWER INLET REPAIR	VF	30	20.00	\$ 1,000.00	\$ 20,000.00
17	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
18	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	2	2.00	\$ 1,875.00	\$ 3,750.00
19	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	845	839.00	\$ 1.95	\$ 1,636.05
20	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	6	6.00	\$ 305.00	\$ 1,830.00
21	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	910	1051.00	\$ 50.70	\$ 53,285.70
22	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	336	352.00	\$ 50.00	\$ 17,600.00
23	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
24	07304	4-INCH CONCRETE SIDEWALK	SF	6350	6195.06	\$ 7.00	\$ 43,365.42
25	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	18200	17899.00	\$ 2.21	\$ 39,556.79
26	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3200	2935.82	\$ 58.40	\$ 171,451.89
27	08205	HMA PAVEMENT TYPE 5LT5828S	TON	2200	1813.17	\$ 64.10	\$ 116,224.20
28	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1200	2278.00	\$ 1.65	\$ 3,758.70
29	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	305	568.00	\$ 2.45	\$ 1,391.60
30	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	85	149.00	\$ 7.45	\$ 1,110.05
31	<b>14005</b>	<b>TOPSOIL &amp; SOD</b>	<b>SY</b>	<b>800</b>	<b>577.60</b>	<b>\$ 12.80</b>	<b>\$ 7,393.28</b>
32		SANITARY CREDIT					\$ (3,150.00)

**MANDATORY ALTERNATE #3 - PARKING LOT #8 MAINTENANCE**

1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 1,780.00	\$ 1,780.00
2	02005	INLET PROTECTION	EA	3		\$ 53.00	\$ -
3	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	20		\$ 14.55	\$ -
4	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	5600	6,192.00	\$ 2.36	\$ 14,613.12
5	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	1100	474.00	\$ 4.01	\$ 1,900.74
6	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	5600	6,192.00	\$ 0.25	\$ 1,548.00
7	08065	HMA PAVEMENT PATCHING	SY	100		\$ 26.00	\$ -
8	08203	HMA PAVEMENT TYPE 3LT5828S	TON	190	78.00	\$ 64.00	\$ 4,992.00
9	08205	HMA PAVEMENT TYPE 5LT5828S	TON	800	769.90	\$ 67.25	\$ 51,775.78
10	08403	PAVEMENT CRACK SEALING	SY	5600		\$ 1.02	\$ -

**MANDATORY ALTERNATE #4 - DROP OFF CENTER PAVING**

1	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	550		\$ 14.35	\$ -
2	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	100		\$ 36.49	\$ -
3	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	1100		\$ 1.61	\$ -
4	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	1100	939.00	\$ 4.86	\$ 4,563.54
5	08203	HMA PAVEMENT TYPE 3LT5828S	TON	190	139.94	\$ 62.30	\$ 8,718.26
6	08205	HMA PAVEMENT TYPE 5LT5828S	TON	130	120.00	\$ 74.20	\$ 8,904.00

Total \$ 2,549,859.22

Less Retainage \$ 127,492.96

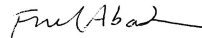
Total \$ 2,422,366.26

Less Previously Paid \$ 2,056,479.87

Total Amount Due \$ 365,886.39

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$365,886.39 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works