

**August 6, 2020**

**SUMMARY TABLE  
FOR  
PARTIAL PAYMENTS**

1.	All-Ways Contractors, Inc. for 2020 Asphalt Street Repairs. ....	\$115,089.78
2.	Blair Fire Protection for Fire Sprinkler Upgrades to Fire Station No. 4 .....	\$19,823.00
3.	Ford Construction Co. for Frame Park Retaining Wall Construction.....	\$3,837.23
4.	Greenfire Management Service for Waukesha City Hall .....	\$1,971,602.62
5.	H & H Civil Construction LLC for Artificial Turf Installation at Frame and Mindiola Parks .....	\$132,122.47
6.	J&A Pohl, Inc. for Concrete Pavement Patching & Concrete Sawing.....	\$98,384.04
7.	Payne and Dolan, Inc., for Banting and Mindiola Parks Parking Lots and Heyer Park Tennis Court Improvements .....	\$357,299.19
8.	State Contractors, Inc. for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement. ....	\$245,500.30
9.	Wolf Paving Co., Inc., for Resurfacing and Area 1 and 2 Flood Mitigation .....	\$234,119.38

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to All-Ways Contractors, Inc., P. O. Box 798, Elm Grove, WI 53122 for 2020 Asphalt Street Repairs.

Contract No. #4159

CONTRACT DATE: April 9, 2020

Original \$ 155,760.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	08990	5-Inch Asphalt Utility Repair	SF	21,500	19,843.52	\$ 6.96	\$ 138,110.90
2	03501	Sawcut Full Depth	LF	4,000	4,048.20	\$ 1.53	\$ 6,193.75

Total \$ 144,304.65

Less Retainage \$ 3,894.00

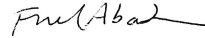
Total \$ 140,410.65

Less Previously Paid \$ 25,320.87

Total Amount Due \$ 115,089.78

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$115,089.78 be allowed.

Respectfully Submitted,



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

Director of Public Works

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 (FINAL) to Blair Fire Protection, 13111 W. Silver Spring Drive, Butler, WI 53007 for Fire Sprinkler Upgrades to Fire Station No. 4 (1700 Northview Rd.).

Contract No. #4157

CONTRACT DATE: March 17, 2020

Original \$ 65,000.00

Line No.	Item No.	Item Description	Unit	Approx. Quantities	Completed Quantity	Unit Bid Price	Amount
1	1.0	Fully functional Fire Suppression System NFPA Compliant	Lump Sum	1	1	\$ 65,000.00	\$ 65,000.00
				<b>TOTAL</b>			\$ -

Total \$ 65,000.00

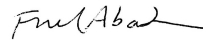
Less Retainage \$ -

Total \$ 65,000.00

Less Previously Total Amount Due \$ 45,177.00  
\$ 19,823.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$19,823.00 be allowed.

Respectfully Submitted,



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

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 (Final) to Ford Construction Co., Inc., 1419 Poplar Drive, Waukesha, WI 53188 for Frame Park Retaining Wall Construction.

Contract No. #4123

CONTRACT DATE: May 21, 2019

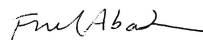
Original \$ 153,489.25

Amended \$ 197,579.32

Line No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	Insurance	Lump Sum	1	1	\$ 2,386.00	2,386.00
2	Permits	Lump Sum	1	1	\$ 1,067.00	1,067.00
3	General Conditions	Lump Sum	1	1	\$ 9,213.25	9,213.25
4	Earthwork	Lump Sum	1	1	\$ 42,412.00	42,412.00
5	Chain Link Fences	Lump Sum	1	1	\$ 7,157.00	7,157.00
6	Concrete	Lump Sum	1	1	\$ 88,748.00	88,748.00
7	Caulking	Lump Sum	1	1	\$ 515.00	515.00
8	Special Coatings	Lump Sum	1	1	\$ 1,991.00	1,991.00
9	<b>Change Order No 1</b>	<b>Lump Sum</b>	<b>1</b>	<b>1</b>	<b>\$ 44,090.07</b>	<b>44,090.07</b>
Total						197,579.32
Less Retainage						
Total						197,579.32
Less Previously Paid						\$ 193,742.09
Total Amount Due						\$ 3,837.23

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$3,837.23 be allowed.

Respectfully Submitted,



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

Director of Public Works

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 to *Greenfire Management Service*, 3215 W. State St., Ste. 200, Milwaukee, WI 53208 for the Waukesha City Hall.

Contract No. #4136

CONTRACT DATE: Sept 3, 2019

Original \$ 19,693,300.00

Updated \$ 19,882,379.68

Item No.	Item Description	Scheduled Value	Completed Work
<b>1000</b>	<b>General Conditions</b>	<b>\$1,316,760.00</b>	<b>\$ 705,698.97</b>
2000	Existing Conditions/Demolition	\$395,000.00	\$ 72,180.00
<b>3000</b>	<b>Concrete</b>	<b>\$1,179,049.00</b>	<b>\$ 1,010,135.00</b>
<b>4000</b>	<b>Masonry</b>	<b>\$1,644,630.00</b>	<b>\$ 846,865.00</b>
<b>5000</b>	<b>Metals</b>	<b>\$1,975,310.00</b>	<b>\$ 1,830,292.40</b>
6000	General Carpentry	\$143,321.00	\$ 57,660.00
6400	Millwork	\$255,658.00	
7000	Thermal & Moisture Protection	\$151,780.00	\$ 115,495.00
7400	Siding	\$944,975.00	
7500	Roofing	\$382,688.00	\$ 311,261.45
7800	Fire & Smoke Protections	\$110,683.00	\$ 96,630.00
7900	Caulking	\$25,100.00	
<b>8100</b>	<b>Doors &amp; Frames</b>	<b>\$203,779.00</b>	<b>\$ 44,521.00</b>
<b>8300</b>	<b>Speciality Doors Horizontal Shutters</b>	<b>\$315,627.00</b>	<b>\$ 292,422.60</b>
<b>8400</b>	<b>Entrances &amp; Storefronts</b>	<b>\$1,104,020.00</b>	<b>\$ 800,000.00</b>
8900	Louvers	\$9,820.00	
<b>9200</b>	<b>Drywall</b>	<b>\$1,286,000.00</b>	<b>\$ 1,005,671.00</b>
9500	Acoustical Ceilings	\$188,365.00	
<b>9600</b>	<b>Flooring-General</b>	<b>\$500,835.00</b>	<b>\$ 35,639.00</b>
<b>9900</b>	<b>Painting</b>	<b>\$140,000.00</b>	<b>\$ 28,000.00</b>
<b>10000</b>	<b>Specialties</b>	<b>\$104,937.00</b>	<b>\$ 252.90</b>
11000	Equipment	\$47,923.00	\$ 22,667.00
12200	Window Treatments	\$77,066.00	
<b>14200</b>	<b>Elevators</b>	<b>\$107,159.00</b>	<b>\$ 112,900.00</b>
<b>21000</b>	<b>Fire Protection</b>	<b>\$170,000.00</b>	<b>\$ 135,764.48</b>
<b>22000</b>	<b>Plumbing</b>	<b>\$535,000.00</b>	<b>\$ 429,810.00</b>
<b>23000</b>	<b>HVAC</b>	<b>\$1,840,000.00</b>	<b>\$ 1,408,322.00</b>
<b>26000</b>	<b>Electrical</b>	<b>\$1,856,852.00</b>	<b>\$ 487,000.00</b>
27000	Communications	\$350,337.00	\$ 52,294.65
27400	Audio-Video Communications	\$366,980.00	
28000	Electronic Safety and Security	\$252,090.00	

31000	Sitework	\$510,000.00	\$ 499,297.00
32100	Paving	\$232,535.00	
32310	Fences & Gates	\$35,000.00	\$ 18,566.00
32900	Landscaping	\$181,753.00	\$ 61,110.19
33000	Site Utilities	\$240,000.00	\$ 177,728.00
<b>99000</b>	<b>Fee and Insurance</b>	<b>\$564,398.00</b>	<b>\$ 310,418.90</b>

Total \$ 10,968,602.54

Less Retainage \$ 492,332.50

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Total \$ 10,476,270.04

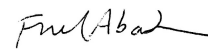
Less Previously Paid \$ 8,504,667.42

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Total Amount Due \$ 1,971,602.62

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,971,602.62 be allowed.

Respectfully Submitted,



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

Director of Public Works

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 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	382	\$ 16.00	\$ 6,112.00
7	10" Storm Sewer Connection to Field Drainage	231	LF	194	\$ 24.00	\$ 4,656.00
8	Earthwork	1	LS	0.75	\$ 71,000.00	\$ 53,250.00
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	382	\$ 74.00	\$ 28,268.00
12	48" Storm Sewer Manhole	2	EA	2	\$ 3,800.00	\$ 7,600.00
13	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	44,936	SF		\$ 8.05	\$ -
14	Modular Block Retaining Wall	126	FF		\$ 50.00	\$ -
15	Chain Link Fence (4') (Black Polymer Coated)	285	LF		\$ 29.00	\$ -
16	Chain Link Fence (8') (Black Polymer Coated)	938	LF		\$ 44.83	\$ -
17	Chain Link Fence (16') (Black Polymer Coated)	152	LF		\$ 119.75	\$ -
18	20' Wide (8') Fence Gate (Black Polymer Coated, double swing)	2	EA		\$ 2,300.00	\$ -
19	8' Wide (8') Fence Gate (Black polymer coated, double swing)	1	EA		\$ 1,680.00	\$ -
20	8' Wide (4') Fence Gate (Black Polymer Coated, double swing)	3	EA		\$ 1,400.00	\$ -

21	4' Wide (4') Fence Gate (Black Polymer Coated)	2	EA		\$ 1,005.00	\$ -
22	Foul Pole Installation	2	EA		\$ 1,800.00	\$ -
23	Dugout Installation	2	EA		\$ 7,275.00	\$ -
24	Dugout Concrete Pads	736	SF		\$ 13.50	\$ -
25	Dugout Railings	2	EA		\$ 6,000.00	\$ -
26	Existing Backstop Netting Adjustments	1	LS		\$ 3,500.00	\$ -
27	Warning Track Material	106	TONS		\$ 350.00	\$ -
28	Outfield Turfgrass Restoration - Sod	3,134	SY		\$ 6.00	\$ -
29	Turfgrass Restoration - Seed, Fertilizer and Mulch	750	SY		\$ 4.50	\$ -
30	Bases	2	EA		\$ 630.00	\$ -
31	Base Jewels	2	EA		\$ 137.00	\$ -
32	Home Plate	7	EA		\$ 323.00	\$ -
33	Base Anchors	10	EA		\$ 149.00	\$ -
34	Portable Mound	1	LS		\$ 18,100.00	\$ -
35	Pitching Rubber	6	EA		\$ 260.00	\$ -
36	Batting Cages	1	EA		\$ 23,650.00	\$ -
37	Fence Cap	12	EA		\$ 425.00	\$ -
38	Outfield Distance Markers	20	EA		\$ 196.00	\$ -
39	Dugouts	2	EA		\$ 53,000.00	\$ -
40	Benches	6	EA		\$ 2,900.00	\$ -
41	Stand Up Cubby	2	EA		\$ 7,000.00	\$ -
42	Coat Rack and Shelf	4	EA		\$ 875.00	\$ -
43	Padding and Netting for Dugout Railing	2	LS		\$ 3,700.00	\$ -
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	Mobilization	1	LS		\$ 120,380.00	\$ -
49	Construction Fencing	1,850	LF		\$ 4.00	\$ -
50	Silt Fence	990	LF		\$ 3.50	\$ -



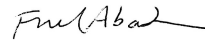
51	Stone Construction Entrance	1	EA		\$ 5,000.00	\$ -
52	Inlet Protection	2	EA		\$ 150.00	\$ -
53	Temporary Ditch Check	3	EA		\$ 250.00	\$ -
54	12" Storm Sewer Connection to Field Drainage System	70	LF		\$ 28.00	\$ -
55	Apron Endwall with Grate	2	EA		\$ 500.00	\$ -
56	Medium Rip-Rap	64	SF		\$ 30.00	\$ -
57	Landfill Collection System "Adjustments"	1	LS		\$ 5,000.00	\$ -
58	Strip and Stockpile Topsoil	10,531	SY		\$ 3.50	\$ -
59	Fill Material	9,986	CY		\$ 21.00	\$ -
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		\$ 5.78	\$ -
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		\$ 7,080.00	\$ -
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		\$ 1,800.00	\$ -
1	Add Synthetic Turf to all playing surfaces at Frame Park per Sec.01 23 00	77,803	SF		\$ 4.25	\$ -
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		\$ 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		\$ 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	\$ 4,000.00	\$ -
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Total	\$	238,476.28
Less Retainage	\$	11,923.81
Total	\$	226,552.47
Less Previously Paid	\$	94,430.00
Total Amount Due	\$	132,122.47

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$132,122.47 be allowed.

Respectfully Submitted,



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

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to J&A Pohl, Inc. , 17080 Pheasant Dr., Brookfield, WI 53005 for Concrete Pavement Patching & Concrete Sawing.

Contract No. #4156

CONTRACT DATE: March 3, 2020

Original \$ 317,550.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	07208	8-Inch Concrete Pavement Patching	Sq. Ft.	32,500	33,811.12	\$ 7.10	\$ 240,058.95
2	07258	8-Inch Concrete Pavement Patching with HMA Overlay	Sq. Ft.	4,000	2,410.74	\$ 15.00	\$ 36,161.10
3	03501	Saw Full Depth	Lin Ft.	10,000	9,095.10	\$ 1.60	\$ 14,552.16
4	07002	Lin. Ft. of Concrete Curb and Gutter Replacement	Lin. Ft.	200	331.9	\$ 35.50	\$ 11,782.45
5	07200	Drilled Tie Bars	Each	3,700	1,892	\$ 1.00	\$ 1,892.00

Total \$ 304,446.66  
Less Retainage \$ 7,938.75  

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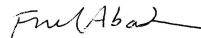
Total \$ 296,507.91  
Less Previously \$ 198,123.87  

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Total Amount Due \$ 98,384.04

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$98,384.04 be allowed.

Respectfully Submitted,



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

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Payne and Dolan, Inc., N3 W23650 Badinger Road, Waukesha, WI 53188 for  
*Banting And Mindiola Parks Parking Lots And Heyer Park Tennis court Improvements .*

Contract No. #4168

CONTRACT DATE: May 5, 2020

Original \$ 914,999.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>BANTING ALTERNATE BID - ASPHALT PAVEMENT</b>							
24	01001	TRAFFIC CONTROL	LS	1	1	\$ 10,697.80	\$ 10,697.80
25	02002	SILT FENCE	LF	882	550	\$ 2.00	\$ 1,100.00
26	02005	INLET PROTECTION	EACH	3	3	\$ 125.00	\$ 375.00
27	03300	REMOVE EXISTING CURB AND GUTTER	LF	495	495	\$ 11.20	\$ 5,544.00
28	03331	REMOVE EXISTING SIDEWALK	SF	608	550	\$ 3.66	\$ 2,013.00
29	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	80	80	\$ 7.00	\$ 560.00
30	03650	REMOVE EXISTING ROADWAY	SY	2153	2150	\$ 3.27	\$ 7,030.50
31	03990	REMOVE EXISTING ASPH PATH	SY	22	22	\$ 22.46	\$ 494.12
32	04011	SHAPING AND GRADING TO SUBGRADE	LS	1	1	\$ 15,700.62	\$ 15,700.62
33	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1000	1000	\$ 1.29	\$ 1,290.00
34	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	350		\$ 15.28	\$ -
35	04022	BREAKER RUN	TON	30		\$ 50.00	\$ -
36	04025	EXCAVATION BELOW SUBGRADE (EBS)	CY	30		\$ 50.00	\$ -
37	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	1	1	\$ 1,500.00	\$ 1,500.00
38	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	781	781	\$ 19.05	\$ 14,878.05
39	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	24	24	\$ 60.00	\$ 1,440.00
40	07304	4-INCH CONCRETE SIDEWALK	SF	345	149	\$ 6.75	\$ 1,005.75
41	07317	7-INCH CONCRETE SIDEWALK	SF	1614	1,428	\$ 7.75	\$ 11,067.00
42	07327	7-INCH CONCRETE DRIVE APPROACH	SF	654	338	\$ 7.75	\$ 2,619.50
43	08203	HMA PAVEMENT TYPE 3LT5828S	TON	265		\$ 90.00	\$ -
44	08205	HMA PAVEMENT TYPE 5LT5828S	TON	400		\$ 80.00	\$ -
45	12156	PAVEMENT MARKING PAINT, 4" PARKING STALL	LF	1000		\$ 0.45	\$ -
46	12177	PAVEMENT MARKING PAINT, SYMBOL, HANDICAP	EACH	3		\$ 50.00	\$ -
47	14005	TOPSOIL & SOD	SY	656		\$ 15.50	\$ -

MINDIOLA ALTERNATE BID - ASPHALT PAVEMENT

87	02002	SILT FENCE	LF	1470	1,470	\$ 2.00	\$ 2,940.00
88	02005	INLET PROTECTION	EACH	7	7	\$ 125.00	\$ 875.00
89	03300	REMOVE EXISTING CURB AND GUTTER	LF	2168.5	2,150	\$ 11.20	\$ 24,080.00
90	03331	REMOVE EXISTING SIDEWALK	SF	478	478	\$ 2.85	\$ 1,362.30
91	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	15	15	\$ 20.00	\$ 300.00
92	03605	REMOVE EXISTING ASPHALT ROADWAY	SY	7626	7,626	\$ 2.79	\$ 21,276.54
93	04011	SHAPING AND GRADING TO SUBGRADE	LS	1	1	\$ 69,253.51	\$ 69,253.51
94	04016	GEOTEXTILE GRID TYPE BX1100	SY	7212	7,212	\$ 1.06	\$ 7,644.72
95	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	6764	4,256	\$ 10.00	\$ 42,560.00
96	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	50	50	\$ 38.41	\$ 1,920.50
97	05021	ADJUST INLET	EACH	2	2	\$ 165.00	\$ 330.00
98	05475	48-INCH STORM SEWER MANHOLE	EACH	1	1	\$ 3,000.00	\$ 3,000.00
99	05485	2'X3' STORM INLET	EACH	3	3	\$ 2,500.00	\$ 7,500.00
100	05545	15 INCH RCP STORM SEWER PIPE	LF	40	40	\$ 100.00	\$ 4,000.00
101	05548	18 INCH RCP STORM SEWER PIPE	LF	257	257	\$ 105.00	\$ 26,985.00
101A	05990	BENTONITE DAM	LS	1	1	\$ 1,000.00	\$ 1,000.00
102	05901	LIGHT RIPRAP	CY	10	10	\$ 150.00	\$ 1,500.00
103	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	2150	1,978	\$ 18.15	\$ 35,900.70
104	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	250	209	\$ 37.00	\$ 7,733.00
105	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	16	16	\$ 60.00	\$ 960.00
106	07304	4-INCH CONCRETE SIDEWALK	SF	2508	2508	\$ 5.60	\$ 14,044.80
107	07317	7-INCH CONCRETE SIDEWALK	SF	280	180	\$ 7.00	\$ 1,260.00
108	07327	7-INCH CONCRETE DRIVE APPROACH	SF	402	402	\$ 7.00	\$ 2,814.00
109	07500	SPECIAL WATERWAY FLUME	SF	240	117	\$ 10.00	\$ 1,170.00
110	07505	CONCRETE CURB OPENING FLUME	EA	3	2	\$ 380.00	\$ 760.00
111	08206	HMA PAVEMENT TYPE 3LT5828H	TON	1310		\$ 72.00	\$ -
112	08208	HMA PAVEMENT TYPE 5LT5828H	TON	850		\$ 73.00	\$ -
113	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	8		\$ 1,535.00	\$ -
114	11050	TRANSFORMER BASE - BREAKAWAY, 12-INCH BOLT CIRCLE	EACH	8		\$ 375.00	\$ -
115	11126	#4 XLP USE WIRE	LF	8,000		\$ 2.12	\$ -
116	11990	SPECIAL 2-INCH SCH 40 PVC CONDUIT PLOWED	LF	1,700		\$ 9.00	\$ -
117	11991	SPECIAL MODIFY EXISTING 480/277 SERVICE	EACH	1		\$ 6,523.00	\$ -
118	11992	SPECIAL 2-INCH IMC CONDUIT	LF	160		\$ 20.80	\$ -
119	11993	FURNISH AND INSTALL 30-FOOT ALUMINUM POLE, 8-FOOT LUMINAIRE ARM AND LED COBRA-HEAD LUMINAIRE	EACH	8		\$ 2,572.00	\$ -
120	12101	PAVEMENT MARKING PAINT, LINE, 4-INCH	LF	3500		\$ 0.45	\$ -
121	12102	PAVEMENT MARKING PAINT, DOUBLE LINE, 4-INCH	LF	80		\$ 0.90	\$ -
122	12115	PAVEMENT MARKING PAINT, DIAGONAL LINE, 4-INCH	LF	650		\$ 0.45	\$ -
123	12277	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	9		\$ 250.00	\$ -
124	14005	TOPSOIL & SOD	SY	702		\$ 15.50	\$ -
125	14990	GAS MONITORING WELL - REPAIR CREW	HOUR	16	16	\$ 100.00	\$ 1,600.00

**HEYER PARK TENNIS COURTS ALTERNATE BID - ASPHALT PAVEMENT**

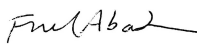
126	01017	TEMPORARY SAFETY FENCE	LF	236	236	\$ 2.50	\$ 590.00
127	02002	SILT FENCE	LF	400	400	\$ 2.00	\$ 800.00
128	03501	SAWCUT FULL DEPTH	LF	265	265	\$ 4.00	\$ 1,060.00
129	03990	REMOVE EXISTING TENNIS COURTS	SY	3186	3,186	\$ 4.00	\$ 12,744.00
130	03991	REMOVE CHAIN LINK FENCE & BASES	LF	825	825	\$ 1.00	\$ 825.00
131	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	100		\$ 1.00	\$ -
132	04016	GEOTEXTILE GRID TYPE BX1100	SY	100		\$ 1.00	\$ -
133	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	100		\$ 30.00	\$ -
134	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	40		\$ 60.00	\$ -
135	04990	RECYCLED ASPHALT MILLINGS	CY	265		\$ 20.00	\$ -
136	04991	CONTROL JOINTS - SAWED	LF	358		\$ 2.50	\$ -
137	04992	CRACK CONTROL MEMBRANE	LF	358		\$ 6.50	\$ -
138	05005	4-INCH PERFORATED UNDERDRAIN	LF	425		\$ 15.00	\$ -
139	07304	4-INCH CONCRETE SIDEWALK	SF	125		\$ 16.50	\$ -
140	08203	HMA PAVEMENT TYPE 3LT5828S	TON	460		\$ 80.00	\$ -
141	08205	HMA PAVEMENT TYPE 5LT5828S	TON	275		\$ 99.00	\$ -
142	08990	2-COAT ACRYLIC COLOR SYSTEM	SY	3156		\$ 8.50	\$ -
143	08991	ACRYLIC COURT MARKING LINES - 2" WHITE	LF	1780		\$ 0.50	\$ -
144	08992	ACRYLIC COURT MARKING LINES - 3" BLACK	LF	288		\$ 1.50	\$ -
145	14005	TOPSOIL & SOD	SY	60		\$ 15.50	\$ -
146	14116	10-FT HIGH CHAIN-LINK - FENCE	LF	825		\$ 42.00	\$ -
147	14120	FENCE GATE	EACH	3		\$ 795.00	\$ -
148	14990	INSTALL CITY SUPPLIED NET POST SLEEVES AND CENTER ANCHORS	SET	4		\$ 1,145.00	\$ -

**MANDATORY ADDITIVE ALTERNATE - ALTERNATE 1**

A	14116A	UPGRADE 10' CHAIN LINK FENCE TO BLACK EPOXY-COATED FENCE	LS	1		\$ 13,760.00	\$ -
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Total \$ 376,104.41  
 Less Retainage \$ 18,805.22  
 Total \$ 357,299.19  
 Less Previously Paid \_\_\_\_\_  
 Total Amount Due \$ 357,299.19

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$357,299.19 be allowed.

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

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 11 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	<b>TRAFFIC CONTROL</b>	LS	1	0.70	\$ 92,188.39	\$ 64,531.87
2	01005	<b>DETOUR ROUTE</b>	LS	1	0.70	\$ 9,500.00	\$ 6,650.00
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	<b>TEMPORARY SAFETY FENCE</b>	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	<b>GRUBBING</b>	<b>INCH DIA</b>	<b>172</b>	<b>196.00</b>	<b>\$ 20.00</b>	<b>\$ 3,920.00</b>
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	<b>REMOVE EXISTING CURB AND GUTTER</b>	<b>LF</b>	<b>7,400</b>	<b>6,629.32</b>	<b>\$ 3.00</b>	<b>\$ 19,887.96</b>
19	03331	<b>REMOVE EXISTING SIDEWALK</b>	<b>SF</b>	<b>65,000</b>	<b>45,910.71</b>	<b>\$ 2.00</b>	<b>\$ 91,821.42</b>
20	03500	<b>SAWCUTTING AT PAVEMENT LIMITS</b>	<b>LF</b>	<b>4,000</b>	<b>1,169.60</b>	<b>\$ 3.00</b>	<b>\$ 3,508.80</b>

21	03650	REMOVE EXISTING ROADWAY	SY	20,000	19,910.70	\$ 10.00	\$ 199,107.00
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	12,539.28	\$ 20.00	\$ 250,785.60
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	3.00	\$ 1,981.86	\$ 5,945.58
35	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	10		\$ 428.40	\$ -
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	6.00	\$ 127.50	\$ 765.00
39	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	682	451.00	\$ 26.93	\$ 12,145.43
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	607.62	\$ 130.00	\$ 78,990.60
42	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	10		\$ 3,519.00	\$ -
43	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	100		\$ 59.16	\$ -
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		\$ 1,275.00	\$ -
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
<b>63</b>	<b>05991</b>	<b>MODIFY EXT STORM MANHOLE TO CURB INLET</b>	<b>EACH</b>	<b>3</b>	<b>2.00</b>	<b>\$ 1,305.00</b>	<b>\$ 2,610.00</b>
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	3,121.70	\$ 40.00	\$ 124,868.00
<b>69</b>	<b>07109</b>	<b>9-INCH DOWELED CONCRETE PAVEMENT</b>	<b>SY</b>	<b>12,750</b>	<b>11,297.20</b>	<b>\$ 42.00</b>	<b>\$ 474,482.40</b>
70	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	100	57.80	\$ 20.00	\$ 1,156.00
<b>71</b>	<b>07130</b>	<b>30" TYPE A CONCRETE CURB &amp; GUTTER</b>	<b>LF</b>	<b>7,350</b>	<b>6,394.60</b>	<b>\$ 20.00</b>	<b>\$ 127,892.00</b>
72	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	75	86.22	\$ 20.00	\$ 1,724.40
73	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	508	328.00	\$ 70.00	\$ 22,960.00

74	07302	PEDESTRIAN CURB	LF	300	258.90	\$ 50.00	\$ 12,945.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	400		\$ 6.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	42,750	30,452.67	\$ 6.50	\$ 197,942.36
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	4,188.52	\$ 7.00	\$ 29,319.64
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	378.59	\$ 112.00	\$ 42,402.08
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	171.30	\$ 5.30	\$ 907.89
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		\$ 100.00	\$ -
86	08204	HMA PAVEMENT TYPE 4 LT 58 28 S	TON	100		\$ 115.00	\$ -
87	08208	HMA PAVEMENT TYPE 5 LT 58 28 H	TON	450	21.37	\$ 135.00	\$ 2,884.95
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		\$ 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	0.50	\$ 1,314.14	\$ 657.07
111	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	900	214.00	\$ 7.39	\$ 1,581.46
112	10013	<b>CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235</b>	<b>LF</b>	<b>3,510</b>	<b>2,610.00</b>	<b>\$ 8.06</b>	<b>\$ 21,036.60</b>
113	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	43	26.00	\$ 840.85	\$ 21,862.10
114	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	11.00	\$ 677.85	\$ 7,456.35
115	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	12	8.00	\$ 885.39	\$ 7,083.12
116	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	13	6.00	\$ 4,234.80	\$ 25,408.80
117	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	3	2.00	\$ 1,538.03	\$ 3,076.06
118	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	2,310	1,393.00	\$ 1.43	\$ 1,991.99
119	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	6,910	3,876.50	\$ 2.06	\$ 7,985.59
120	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,340	1,012.50	\$ 1.54	\$ 1,559.25
121	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6,110	4,009.50	\$ 1.57	\$ 6,294.92
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	1,514.00	\$ 1.51	\$ 2,286.14
124	10140A	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & SOUTH, WDOT 655.0200.01	LS	1		\$ 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		\$ 1,519.64	\$ -
128	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	9.00	\$ 257.62	\$ 2,318.58
129	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	16	8.00	\$ 470.30	\$ 3,762.40
130	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED	EACH	3	2.00	\$ 25,319.53	\$ 50,639.06
131	10154	POLES, TYPE 4, WDOT 657.0315	EACH	16	8.00	\$ 1,442.67	\$ 11,541.36
132	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	16	8.00	\$ 200.09	\$ 1,600.72
133	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	14	8.00	\$ 642.62	\$ 5,140.96
134	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	3	1.00	\$ 537.44	\$ 537.44
135	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	54	29.00	\$ 620.72	\$ 18,000.88
136	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	10	6.00	\$ 755.11	\$ 4,530.66
137	10605	TRAFFIC SIGNAL FACE 5S 12-INCH, WDOT 658.0175	EACH	1		\$ 896.79	\$ -
138	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	32	14.00	\$ 417.72	\$ 5,848.08
139	10735A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1		\$ 9,844.36	\$ -
140	10735B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SOUTH ST	LS	1		\$ 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		\$ 3,417.79	\$ -
144	10800B	SIGNAL MOUNTING HARDWARE, SOUTH ST, WDOT 658.5069.02	LS	1		\$ 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		\$ 1,489.63	\$ -
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	0.50	\$ 1,250.07	\$ 625.04
150	10900A	EMERGENCY VEHICLE PREEMPTION SYSTEM, WISCONSIN AVE	LS	1		\$ 7,392.98	\$ -
151	10900B	EMERGENCY VEHICLE PREEMPTION SYSTEM, SOUTH ST	LS	1		\$ 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		\$ 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		\$ 262.83	\$ -
158	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1		\$ 525.66	\$ -
159	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, WISCONSIN AVE	EACH	1		\$ 525.66	\$ -
160	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, WISCONSIN AVE	LS	1		\$ 881.97	\$ -
161	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, SOUTH ST	LS	1	0.50	\$ 1,320.09	\$ 660.05
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		\$ 5,875.64	\$ -
165	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & WISCONSIN	LS	1		\$ 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		\$ 8,354.32	\$ -
168	10987	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	13	6.00	\$ 1,125.23	\$ 6,751.38
169	10988	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7	3.00	\$ 938.36	\$ 2,815.08
170	10989	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	6	3.00	\$ 1,069.77	\$ 3,209.31
171	10992	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	15	7.00	\$ 267.07	\$ 1,869.49
172	10993	FLASHING 30-INCH LED PED SIGN	EACH	4		\$ 2,307.74	\$ -
173	10994	TRAFFIC SIGNAL FACE 3S 12-INCH WITH GEOMETRICALLY PROGRAMMED LOUVER	EACH	7		\$ 1,323.26	\$ -
174	10995	PEDESTAL BASES, WDOT 657.0100, INSTALL ON EXISTING CONCRETE BASE	EACH	5		\$ 419.36	\$ -
175	10996	RELOCATE EXISTING SIGNAL POLE TO NEW BASE (E. NORTH ST.)	EACH	1		\$ 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	39.00	\$ 684.57	\$ 26,698.23

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	26.00	\$ 620.70	\$ 16,138.20
181	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	24	8.00	\$ 814.57	\$ 6,516.56
<b>182</b>	<b>11101</b>	<b>CONDUIT 2-INCH HDPE (EXCAVATED)</b>	<b>LF</b>	<b>6,750</b>	<b>6,329.00</b>	<b>\$ 8.60</b>	<b>\$ 54,429.40</b>
<b>183</b>	<b>11112</b>	<b>CONDUIT 3-INCH HDPE</b>	<b>LF</b>	<b>3,750</b>	<b>3,273.00</b>	<b>\$ 9.51</b>	<b>\$ 31,126.23</b>
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	4,025.00	\$ 1.33	\$ 5,353.25
188	11126	#4 XLP USE WIRE	LF	20,400	12,392.00	\$ 1.74	\$ 21,562.08
189	11127	#2 XLP USE WIRE	LF	11,800	5,206.50	\$ 2.29	\$ 11,922.89
190	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1	0.80	\$ 3,942.43	\$ 3,153.94
<b>191</b>	<b>11202</b>	<b>REMOVE AND DISPOSE OF EXISTING CONCRETE BASE</b>	<b>EACH</b>	<b>40</b>	<b>39.00</b>	<b>\$ 292.04</b>	<b>\$ 11,389.56</b>
<b>192</b>	<b>11203</b>	<b>REMOVE AND DISPOSE OF EXISTING PULL BOX</b>	<b>EACH</b>	<b>60</b>	<b>32.00</b>	<b>\$ 65.71</b>	<b>\$ 2,102.72</b>
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	0.75	\$ 23,802.19	\$ 17,851.64
195	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1	0.75	\$ 17,231.47	\$ 12,923.60
196	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	16	15.00	\$ 1,494.49	\$ 22,417.35
197	11990	PARK LUMINAIRE REMOVE & DISPOSE OF	EACH	14	11.00	\$ 262.83	\$ 2,891.13
198	11991	INSTALL PROVIDED PARK LUMINAIRE	EACH	14	11.00	\$ 350.47	\$ 3,855.17
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	\$ -
202	11995	INSTALL PROVIDED POST TOP POLE & LUMINAIRE	EACH	64	22.00	\$ 643.63	\$ 14,159.86
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	2,239.50	\$ 5.25	\$ 11,757.38
208	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	7,600	2,516.00	\$ 1.60	\$ 4,025.60
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	982.10	\$ 2.10	\$ 2,062.41
211	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	1,400	1,277.10	\$ 12.75	\$ 16,283.03
212	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1,750	1,173.60	\$ 8.50	\$ 9,975.60
213	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	550	342.30	\$ 14.25	\$ 4,877.78
214	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	12	7.00	\$ 275.00	\$ 1,925.00
215	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	4	4.00	\$ 275.00	\$ 1,100.00
216	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	13	8.00	\$ 350.00	\$ 2,800.00
217	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 20,000.00	\$ -
218	12991	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	8	4.00	\$ 175.00	\$ 700.00
219	13002	REMOVE SIGN	EACH	107	81.00	\$ 55.00	\$ 4,455.00
220	13003	REMOVE POSTS	EACH	64	29.00	\$ 35.00	\$ 1,015.00
221	13006	REMOVE, STORE AND RE-INSTALL SIGNS W/ NEW POSTS	EACH	29	7.00	\$ 265.00	\$ 1,855.00
222	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	72	29.00	\$ 225.00	\$ 6,525.00
223	13030	SIGN, REFLECTIVE TYPE II	EACH	172	64.00	\$ 195.00	\$ 12,480.00
224	13300	MOVE SIGN	EACH	8	4.00	\$ 265.00	\$ 1,060.00
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	44.00	\$ 150.00	\$ 6,600.00
227	14001	TOPSOIL	SY	200	62.10	\$ 10.00	\$ 621.00
228	14005	TOPSOIL & SOD	SY	1,000	443.21	\$ 17.80	\$ 7,889.14
229	14052	STRUCTURAL SOIL	CY	950	212.40	\$ 110.00	\$ 23,364.00
230	14076	SALVAGE AND REUSE BRICK PAVERS	SF	2,000	1,025.40	\$ 15.00	\$ 15,381.00
231	14075	BITUMINOUS SET CONCRETE PAVERS	SF	38,000	29,130.50	\$ 20.50	\$ 597,175.25
232	14080	TREE GRATES	EACH	16	16.00	\$ 4,000.00	\$ 64,000.00

233	14988	INSTALL CITY FURNISHED TREE GRATE	EACH	30	13.00	\$ 1,000.00	\$ 13,000.00
234	14989	PLANTER BED CURB	LF	950	488.90	\$ 50.00	\$ 24,445.00
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	16.00	\$ 95.00	\$ 1,520.00
239	14994	VIBURNUM LENTAGO "TREE FORM" (TREE FORM NANNYBERRY VIBUMUM)	EACH	3		\$ 650.00	\$ -
240	14995	CALAMAGROSTIS X ACUTIFLORA "KARL FOERSTER" (FEATHER REED GRASS)	EACH	25		\$ 42.00	\$ -
241	14996	SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	EACH	74	38.00	\$ 42.00	\$ 1,596.00
242	14997	ACHILLEA X "MOONSHINE" (MOONSHINE YARROW)	EACH	23	5.00	\$ 42.00	\$ 210.00
243	14998	HEMEROCALLIS X "STELLA DE ORO" (STELLA DE ORO DAYLILY)	EACH	95	78.00	\$ 42.00	\$ 3,276.00
244	14999	NEPETA X FAASSENII "NOVANEPJUN" <sup>TM</sup> (JUNIOR WALKER CATMINT)	EACH	16	12.00	\$ 42.00	\$ 504.00
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
263	15019	ABANDON EXISTING HYDRANT	EACH	9	2.00	\$ 885.00	\$ 1,770.00
264	15020	ABANDON VALVE BOXES AND MANHOLES	LS	1	0.50	\$ 3,450.00	\$ 1,725.00
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 \$ 5,433,104.31

Less Retainage \$ 182,710.03

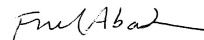
Total \$ 5,250,394.28

Less Previously Paid \$ 5,004,893.98

Total Amount Due \$ 245,500.30

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$245,500.30 be allowed.

Respectfully Submitted,



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

August 6, 2020

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 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	01001	<b>TRAFFIC CONTROL</b>		1	0.50	\$ 21,972.89	\$ 10,986.45
2	02003	EROSION BALES	EA	20		\$ 15.00	\$ -
3	02005	INLET PROTECTION	EA	40		\$ 53.00	\$ -
4	02990	BYPASS PUMPING	LS	1		\$ 31,500.00	\$ -
5	03011	<b>CLEARING</b>	<b>STA</b>	<b>12</b>	<b>6.00</b>	<b>\$ 1,375.00</b>	<b>\$ 8,250.00</b>
6	03250	REMOVE FENCE	LF	55		\$ 25.00	\$ -
7	03331	REMOVE EXISTING SIDEWALK	SF	9500		\$ 3.20	\$ -
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	400		\$ 2.25	\$ -
9	04002	EXCAVATION CUT	CY	6125		\$ 35.00	\$ -
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		\$ 13.55	\$ -
13	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.40	\$ -
14	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	17000		\$ 1.21	\$ -
15	05020	SANITARY SEWER MANOLE ADJUSTMENT	EA	11		\$ 1,100.00	\$ -
16	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EA	37		\$ 1,875.00	\$ -
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		\$ 860.00	\$ -
20	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GAL	20		\$ 10.00	\$ -
21	05485	<b>2'X3' STORM INLET</b>	<b>EA</b>	<b>3</b>	<b>2.00</b>	<b>\$ 1,200.00</b>	<b>\$ 2,400.00</b>
22	05542	12 INCH RCP STORM SEWER PIPE	LF	105		\$ 90.00	\$ -
23	05545	15 INCH RCP STORM SEWER PIPE	LF	25		\$ 130.00	\$ -
24	05680	STORM SEWER INLET REPAIR	VF	30		\$ 1,000.00	\$ -
25	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
26	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EA	1		\$ 1,600.00	\$ -
27	05712	<b>12 INCH RCP STORM SEWER FLARED END SECTION</b>	<b>EA</b>	<b>1</b>	<b>0.50</b>	<b>\$ 750.00</b>	<b>\$ 375.00</b>
28	05902	MEDIUM RIPRAP	CY	60		\$ 130.00	\$ -
29	05903	HEAVY RIPRAP	CY	575		\$ 100.00	\$ -
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	9175		\$ 0.01	\$ -

31	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1665		\$ 1.85	\$ -
32	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	130		\$ 9.50	\$ -
<b>33</b>	<b>05990</b>	<b>DEVONSHIRE CT SANITARY SEWER REPAIR</b>	<b>LS</b>	<b>1</b>	<b>0.50</b>	<b>\$ 9,500.00</b>	<b>\$ 4,750.00</b>
34	05991	CHEMICAL GROUT SEALING OF SANITARY SEWER	EA	1		\$ 900.00	\$ -
<b>35</b>	<b>05995</b>	<b>4'H x 6'W BOX CULVERT</b>	<b>LF</b>	<b>248</b>	<b>120.00</b>	<b>\$ 650.00</b>	<b>\$ 78,000.00</b>
36	05996	4'H x 8'W BOX CULVERT	LF	461		\$ 800.00	\$ -
37	05997	4'H x 10'W BOX CULVERT	LF	98		\$ 1,100.00	\$ -
<b>38</b>	<b>05881</b>	<b>4'H x 6'W BOX CULVERT END SECTION</b>	<b>EA</b>	<b>4</b>	<b>2.00</b>	<b>\$ 2,500.00</b>	<b>\$ 5,000.00</b>
39	05998	4'H x 8'W BOX CULVERT END SECTION	EA	10		\$ 2,750.00	\$ -
40	05999	4'H x 10'W BOX CULVERT END SECTION	EA	2		\$ 3,000.00	\$ -
41	06500	TYPE A SLURRY	CY	50		\$ 65.00	\$ -
42	07002	CONCRETE CURB AND GUTTER REMOVAL And REPLACEMENT	LF	1450		\$ 50.70	\$ -
43	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	496		\$ 50.00	\$ -
44	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
45	07304	4-INCH CONCRETE SIDEWALK	SF	9500		\$ 7.00	\$ -
46	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	17700		\$ 2.01	\$ -
47	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	17000		\$ 2.21	\$ -
48	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	8750		\$ 0.20	\$ -
49	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	400		\$ 12.05	\$ -
50	08065	HMA PAVEMENT PATCHING	SY	1000		\$ 15.32	\$ -
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3000		\$ 63.50	\$ -
52	08205	HMA PAVEMENT TYPE 5LT5828S	TON	3100		\$ 69.10	\$ -
53	08403	PAVEMENT CRACK SEALING	SY	8750		\$ 1.38	\$ -
54	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	3400		\$ 1.65	\$ -
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	80		\$ 3.35	\$ -
56	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	315		\$ 2.45	\$ -
57	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	415		\$ 4.95	\$ -
58	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	75		\$ 7.45	\$ -
59	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EA	1		\$ 165.00	\$ -
60	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 7.30	\$ -
61	14005	TOPSOIL & SOD	SY	1000		\$ 12.80	\$ -
62	14101	SPLIT-RAIL WOOD FENCE	LF	55		\$ 42.40	\$ -
63	15001	WATERMAIN OFFSETS	EA	3		\$ 8,500.00	\$ -
64	14990	VEGITATED RIP RAP	SY	9,175		\$ 0.01	\$ -

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

1	03989	REMOVE COFFER DAM, MINOR GRADING, AND RESTORE WITH VEGETATED RIP RAP	LS	1		\$ 12,500.00	\$ -
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**MANDATORY ALTERNATE #2 - RUBEN DRIVE AND LAURA LANE**

1	01001	TRAFFIC CONTROL	LS	1	0.50	\$ 2,480.00	\$ 1,240.00
2	02003	EROSION BALES	EACH	20		\$ 15.00	\$ -
3	02005	INLET PROTECTION	EACH	39		\$ 53.00	\$ -
4	03331	REMOVE EXISTING SIDEWALK	SF	6350		\$ 3.20	\$ -
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		\$ 13.60	\$ -
9	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.81	\$ -
10	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	18200		\$ 1.00	\$ -
11	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EACH	26	26.00	\$ 1,875.00	\$ 48,750.00
12	05050	INTERNAL CHIMNEY SEAL	EACH	26		\$ 500.00	\$ -
13	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	216	174.00	\$ 135.00	\$ 23,490.00
14	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	26		\$ 1,275.00	\$ -
15	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	10		\$ 750.00	\$ -
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		\$ 1.95	\$ -
20	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	6		\$ 305.00	\$ -
21	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	910	500.00	\$ 50.70	\$ 25,350.00
22	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	336	72.00	\$ 50.00	\$ 3,600.00
23	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
24	07304	4-INCH CONCRETE SIDEWALK	SF	6350	1500.00	\$ 7.00	\$ 10,500.00
25	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	18200		\$ 2.21	\$ -
26	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3200		\$ 58.40	\$ -
27	08205	HMA PAVEMENT TYPE 5LT5828S	TON	2200		\$ 64.10	\$ -
28	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1200		\$ 1.65	\$ -
29	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	305		\$ 2.45	\$ -
30	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	85		\$ 7.45	\$ -
31	14005	TOPSOIL & SOD	SY	800		\$ 12.80	\$ -

**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 \$ 345,236.89

Less Retainage \$ 17,261.84

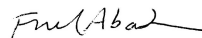
Total \$ 327,975.05

Less Previously Paid \$ 93,855.67

Total Amount Due \$ 234,119.38

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$234,119.38 be allowed.

Respectfully Submitted,



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