

SUMMARY TABLE  
FOR  
PARTIAL PAYMENTS  
February 3, 2022

1. Absolute Construction Enterprises, Inc. for Waukesha Public Library Renovation and Addition - 321 Wisconsin Ave.	\$302,950.97
2. D.C. Burbach, Inc. for Alley #42 (Grand, Frame, Garfield, Wabash) Reconstruction.	\$1,500.00
3. J.P. Cullen & Sons, Inc. for the Waukesha Police Department Addition and Renovation.	\$1,111,109.24
4. Fahrner Asphalt Sealers, LLC for Madison Street (West) Bridge (B-67-371) Maintenance - Sealing.	\$8,096.25
5. LaLonde Contractors, Inc., for N & S Prairie Avenue, Sentry Drive and W. Sunset Drive Utility and Street Improvements - Concrete.	\$127,124.55
6. Payne & Dolan, Inc. for Buchner Park Tennis Courts And Retaining Wall Reconstruction - Base Bid (New Retaining Wall).	\$49,335.94
7. Payne & Dolan, Inc. for 2021 Asphalt Street Resurfacing.	\$112,276.02

February 3, 2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to Absolute Construction Enterprises, Inc., 6618 Six Mile Rd., Racine, WI 53402 for Waukesha Public Library Renovation and Addition - 321 Wisconsin Ave.

Contract No. #4218	Original Contract	\$ 3,230,400.00
	Amended	\$ 3,480,647.86

Line No.	Item Description	Scheduled Value	Amount
<b>1</b>	<b>General Conditons</b>	<b>\$ 216,682.00</b>	<b>\$ 205,839.60</b>
2	Project Insurance	\$ 8,000.00	\$ 8,000.00
3	Bond	\$ 30,000.00	\$ 30,000.00
4	Demolition	\$ 27,300.00	\$ 27,300.00
5	Excavation/Earthwork	\$ 14,385.00	\$ 14,385.00
6	Asphalt Paving	\$ 2,025.00	\$ 2,025.00
7	Lawn Repairs	\$ 2,000.00	
8	Concrete	\$ 95,672.00	\$ 95,672.00
9	Masonry	\$ 136,650.00	\$ 136,650.00
10	Structural Metals	\$ 40,660.00	\$ 40,660.00
<b>11</b>	<b>Carpentry</b>	<b>\$ 166,371.00</b>	<b>\$ 133,089.00</b>
<b>12</b>	<b>Architectural Woodwork</b>	<b>\$ 147,982.00</b>	<b>\$ 77,450.00</b>
13	Waterproofing	\$ 4,090.00	\$ 4,090.00
<b>14</b>	<b>EPDM</b>	<b>\$ 40,000.00</b>	<b>\$ 21,000.00</b>
15	Doors/Frames/Hdwe	\$ 25,063.00	\$ 25,063.00
<b>16</b>	<b>Glass Walls and Doors</b>	<b>\$ 143,538.00</b>	<b>\$ 114,830.00</b>
17	Counter Doors	\$ 9,250.00	
18	3Form Resin Panels	\$ 30,534.00	\$ 30,534.00
<b>19</b>	<b>Drywall &amp; Metal Frame System</b>	<b>\$ 195,517.00</b>	<b>\$ 182,259.00</b>
20	Ceramic Tile	\$ 32,150.00	\$ 17,000.00
21	Acoustical Ceilings	\$ 176,712.00	\$ 160,000.00
<b>22</b>	<b>Carpet tile/rubber/cork floor</b>	<b>\$ 160,397.00</b>	<b>\$ 111,453.00</b>
<b>23</b>	<b>Painting</b>	<b>\$ 38,240.00</b>	<b>\$ 32,000.00</b>
24	Koda Panels	\$ 217,590.00	\$ 217,590.00
<b>25</b>	<b>Toilet Compartments/Accessories</b>	<b>\$ 18,583.00</b>	<b>\$ 18,583.00</b>
26	Markerboards	\$ 4,760.00	\$ 4,760.00
27	Signage	\$ 42,928.00	
28	Fire Place	\$ 9,412.00	\$ 9,412.00
29	Glass & Panel Fold Partitions	\$ 61,452.00	\$ 61,452.00

30	Kitchen appliances	\$ 14,034.00	\$ 14,034.00
31	Fire Protection	\$ 32,542.00	\$ 29,542.00
<b>32</b>	<b>Plumbing</b>	<b>\$ 86,500.00</b>	<b>\$ 86,500.00</b>
33	HVAC	\$ 140,243.00	\$ 112,143.00
<b>34</b>	<b>Electrical</b>	<b>\$ 394,647.00</b>	<b>\$ 318,250.00</b>
<b>35</b>	<b>Structural Cabling</b>	<b>\$ 55,067.00</b>	<b>\$ 52,314.00</b>
<b>36</b>	<b>Access Control</b>	<b>\$ 56,852.00</b>	<b>\$ 28,426.00</b>
<b>37</b>	<b>Library AV</b>	<b>\$ 175,165.00</b>	<b>\$ 154,816.00</b>
<b>38</b>	<b>Contractors Fee</b>	<b>\$ 177,407.00</b>	<b>\$ 150,795.82</b>
39	Change Order No. 1	\$ 120,729.28	\$ 120,729.28
<b>40</b>	<b>Change Order No. 2</b>	<b>\$ 71,936.04</b>	<b>\$ 71,936.04</b>
<b>41</b>	<b>Change Order No. 3</b>	<b>\$ 57,582.54</b>	<b>\$ 57,582.54</b>

Total \$ 2,978,165.28

Less Retainage \$ 87,016.20

Total \$ 2,891,149.08

Less Previously Paid \$ 2,588,198.11

Total Amount Due \$ 302,950.97

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$302,950.97 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

February 3, 2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 (FINAL) to D.C. Burbach, Inc., W228 N2762 Duplainville Road, Waukesha, WI 53186 for Alley #42 (Grand, Frame, Garfield, Wabash) Reconstruction.

Contract No. #4209

CONTRACT DATE: April 8, 2021

Original \$ 168,115.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 2,000.00	\$ 2,000.00
2	02002	SILT FENCE	LF	150		\$ 2.00	\$ -
3	02003	EROSION BALES	EACH	20		\$ 5.00	\$ -
4	02005	INLET PROTECTION	EACH	8	3.00	\$ 60.00	\$ 180.00
5	03331	REMOVE EXISTING SIDEWALK	SF	6,300	5,949.92	\$ 0.95	\$ 5,652.42
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	700	668.20	\$ 1.75	\$ 1,169.35
7	03650	REMOVE EXISTING ROADWAY	SY	1,350	1,333.50	\$ 10.90	\$ 14,535.15
8	04010	SHAPING AND GRADING TO SUBGRADE	LF	725	725.00	\$ 4.00	\$ 2,900.00
9	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	300		\$ 2.30	\$ -
10	04016	GEOTEXTILE GRID TYPE BX1100	SY	300		\$ 1.80	\$ -
11	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1,000	766.85	\$ 18.00	\$ 13,803.30
12	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	300	33.32	\$ 26.00	\$ 866.32
13	04991	CRUSHED STONE DRIVEWAY	TON	10	7.86	\$ 27.00	\$ 212.22
14	05680	STORM SEWER INLET REPAIR	VF	2		\$ 890.00	\$ -
15	05681	STORM SEWER INLET ADJUSTMENT	EACH	1	2.00	\$ 890.00	\$ 1,780.00
16	05692	STORM SEWER MANHOLE REPAIR	VF	2		\$ 890.00	\$ -
17	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	1		\$ 1,280.00	\$ -
18	06100	EXTRA BAGS OF CEMENT	EA	10		\$ 20.00	\$ -
19	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	150	87.00	\$ 38.00	\$ 3,306.00
20	07302	PEDESTRIAN CURB	LF	50	28.00	\$ 26.00	\$ 728.00
21	07304	4-INCH CONCRETE SIDEWALK	SF	200	247.00	\$ 6.00	\$ 1,482.00
22	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,500	3,148.28	\$ 6.60	\$ 20,778.65
23	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	700	678.46	\$ 7.25	\$ 4,918.84
24	07990	7-INCH CONCRETE ALLEY PAVEMENT	SY	1,400	1,228.99	\$ 39.00	\$ 47,930.61
25	08203	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	10		\$ 200.00	\$ -

26	08205	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	10	10.88	\$ 200.00	\$ 2,176.00
27	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	75	62.15	\$ 125.00	\$ 7,768.75
28	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	300	306.97	\$ 6.10	\$ 1,872.52
29	14076	SALVAGE AND REUSE BRICK PAVERS	SF	50		\$ 20.00	\$ -

Total \$ 134,060.13

Less Retainage \$ -

Total \$ 134,060.13

Less Previously Paid \$ 132,560.13

Total Amount Due \$ 1,500.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,500.00 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

February, 3,2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 to J.P. Cullen & Sons, Inc., 330 E. Delavan Dr.,  
Janesville, WI 53546 for the Waukesha Police Department Addition and Renovation project.

Contract No. #4225

CONTRACT DATE: July 1, 2021

Original Amount \$ 10,797,970.00

Amended Amount \$ 12,285,482.00

Line No.	Item Description	Scheduled Value	Completed Work
<b>1</b>	<b>General Conditions</b>	<b>\$682,151.00</b>	<b>\$539,874.99</b>
2	Sitework	\$836,907.00	\$804,701.12
3	Concrete	\$356,645.00	\$350,676.85
<b>4</b>	<b>Masonry/Demolition</b>	<b>\$795,412.00</b>	<b>\$742,641.04</b>
<b>5</b>	<b>Metals</b>	<b>\$618,774.00</b>	<b>\$369,817.80</b>
<b>6</b>	<b>Wood,Plastics and Composites</b>	<b>\$128,542.00</b>	<b>\$45,425.19</b>
<b>7</b>	<b>Thermal &amp; Moisture Protection</b>	<b>\$697,741.00</b>	<b>\$322,952.36</b>
<b>8</b>	<b>Openings</b>	<b>\$445,851.00</b>	<b>\$206,308.47</b>
9	Finishes	\$736,467.00	
10	Specialties	\$63,048.00	\$5,900.00
11	Equipments	\$38,219.00	
12	Furnishes	\$24,775.00	
13	Special Construction	\$103,893.00	
14	Conveying Equipment	\$6,605.00	
<b>15</b>	<b>Plumbing</b>	<b>\$476,835.00</b>	<b>\$426,255.75</b>
<b>16</b>	<b>HVAC</b>	<b>\$1,880,140.00</b>	<b>\$1,363,244.64</b>
<b>17</b>	<b>Fire Suppression</b>	<b>\$341,169.00</b>	<b>\$264,540.00</b>
<b>18</b>	<b>Electrical</b>	<b>\$1,474,800.00</b>	<b>\$658,732.00</b>
<b>19</b>	<b>Communications</b>	<b>\$764,846.00</b>	<b>\$58,841.50</b>
<b>20</b>	<b>Fee</b>	<b>\$325,150.00</b>	<b>\$184,136.81</b>
<b>21</b>	<b>CO 1</b>	<b>\$107,503.00</b>	<b>\$107,503.00</b>
<b>22</b>	<b>CO 2</b>	<b>\$146,378.00</b>	<b>\$146,378.00</b>

Total \$ 6,597,929.52

Less Retainage \$ 307,137.05

Total \$ 6,290,792.47

Less Previously Paid \$ 5,179,683.23

Total Amount Due \$ 1,111,109.24

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,111,109.24 be allowed.

Respectfully Submitted,

  
Alex Jamien, P.E.

Interim Director of Public Works

February 3, 2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 (FINAL) to Fahrner Asphalt Sealers, LLC, 316 Raemisch Road, Waunakee, WI 53597 for Madison Street (West) Bridge (B-67-371) Maintenance - Sealing.

Contract No. #

CONTRACT DATE: April 20, 2021

Original

\$ 12,907.75

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	Traffic Control	LS	1	0.5	\$ 3,000.00	\$ 1,500.00
2	09005	Self-Contained Deck Surface Cleaning (Including Sidewalk)	SF	1,790	895	\$ 0.90	\$ 805.50
3	09010	Protective Deck Surface Treatment (Including Sidewalk)	SF	1,790	895	\$ 2.80	\$ 2,506.00
4	09025	Concrete Joint Epoxy Sealing	LF	88	88	\$ 32.00	\$ 2,816.00
5	09990	Low Viscosity Concrete Crack Sealing	LF	75	75	\$ 6.25	\$ 468.75

Total \$ 8,096.25

Less Retainage \$ -

Total \$ 8,096.25

Less Previously Paid \$ -

Total Amount Due \$ 8,096.25

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$8,096.25 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

February 3, 2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 20 to LaLonde Contractors, Inc., 1609 Lincoln Avenue, Waukesha, WI 53186 for N & S Prairie Avenue, Sentry Drive And W. Sunset Drive Utility And Street improvements - Concrete.

Contract No. #4193

CONTRACT DATE: March 2, 2021

Original \$ 10,075,848.93

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 165,284.02	\$ 165,284.02
2	01005	DETOUR ROUTE	LS	1	1.00	\$ 11,850.00	\$ 11,850.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	1.00	\$ 5,500.00	\$ 5,500.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$ 3,600.00	\$ -
5	01990	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200		\$ 15.00	\$ -
6	01991	RAILROAD FLAGGING	LS	1	0.315	\$ 20,000.00	\$ 6,290.20
7	02002	SILT FENCE	LF	300	339.50	\$ 1.70	\$ 577.15
8	02003	EROSION BALES	EACH	100		\$ 2.00	\$ -
9	02005	INLET PROTECTION	EACH	90	62.00	\$ 55.00	\$ 3,410.00
10	02166	CULVERT PIPE CHECK	EACH	20		\$ 40.00	\$ -
11	03041	CLEARING	INCH DIA	75	126.00	\$ 21.20	\$ 2,671.20
12	03042	GRUBBING	INCH DIA	100	112.00	\$ 12.50	\$ 1,400.00
13	03060	REMOVE AND REPLACE MAILBOX	EACH	45	47.00	\$ 90.00	\$ 4,230.00
14	03061	INSTALL TEMPORARY MAILBOX(ES)	LS	1	1.00	\$ 475.00	\$ 475.00
15	03100	REMOVE SEWER MANHOLE	EACH	4	2.00	\$ 700.00	\$ 1,400.00
16	03101	REMOVE INLET	EACH	10	21.00	\$ 600.00	\$ 12,600.00
17	03110	REMOVE PIPE	LF	320	370.61	\$ 25.00	\$ 9,265.25
18	03200	ABANDON SEWER MANHOLE	EACH	12	15.00	\$ 800.00	\$ 12,000.00
19	03205	ABANDON PIPE	LF	1,050	928.16	\$ 25.00	\$ 23,204.00
20	03300	REMOVE EXISTING CURB AND GUTTER	LF	18,500	21,744.94	\$ 2.95	\$ 64,147.57
21	03331	REMOVE EXISTING SIDEWALK	SF	55,000	45,424.67	\$ 1.18	\$ 53,601.11
22	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	2,400	1,778.20	\$ 2.25	\$ 4,000.95
23	03650	REMOVE EXISTING ROADWAY	SY	60,000	58,591.96	\$ 10.06	\$ 589,435.12
24	03990	REMOVE EXISITNG HMA PATH	SY	4,400	4,237.78	\$ 7.24	\$ 30,681.53
25	03991	REMOVE EXISTING RAILROAD CROSSING	LF	240	188.40	\$ 32.40	\$ 6,104.16



26	04010	SHAPING AND GRADING TO SUBGRADE	LF	11,500	11,178.00	\$ 1.00	\$ 11,178.00
27	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	7,000		\$ 1.72	\$ -
28	04016	GEOTEXTILE GRID TYPE BX1100	SY	7,000		\$ 1.80	\$ -
29	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	37,000	32,103.00	\$ 14.09	\$ 452,331.27
30	04120	SLURRY BACKFILL	CY	200		\$ 65.00	\$ -
31	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	13,600	9,800.08	\$ 15.00	\$ 147,001.20
32	05011	PIPE BULKHEAD	EACH	5	4.00	\$ 250.00	\$ 1,000.00
33	05050	INTERNAL CHIMNEY SEAL	EACH	55	52.00	\$ 420.00	\$ 21,840.00
34	05056	SANITARY LATERAL CLEANOUT	EACH	16	2.00	\$ 2,035.00	\$ 4,070.00
35	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	16	13.00	\$ 485.00	\$ 6,305.00
36	05075	SANITARY SEWER SPOT REPAIR	EACH	4	3.00	\$ 8,500.00	\$ 25,500.00
37	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 5,000.00	\$ -
38	05080	SANITARY LATERAL REINSTATEMENT	EACH	18	18.00	\$ 125.00	\$ 2,250.00
39	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	7	6.00	\$ 1,585.00	\$ 9,510.00
<b>40</b>	<b>05108</b>	<b>8 INCH PVC SANITARY SEWER PIPE</b>	<b>LF</b>	<b>650</b>	<b>651.00</b>	<b>\$ 102.00</b>	<b>\$ 66,402.00</b>
41	05112	12 INCH PVC SANITARY SEWER PIPE	LF	20	16.60	\$ 200.00	\$ 3,320.00
42	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	760	766.52	\$ 110.00	\$ 84,317.20
43	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	1,700	1,699.00	\$ 24.50	\$ 41,625.50
44	05311	15 INCH CIPP SANITARY SEWER PIPE	LF	1,090	1,096.50	\$ 58.25	\$ 63,871.13
<b>45</b>	<b>05320</b>	<b>36 INCH CIPP SANITARY SEWER PIPE</b>	<b>LF</b>	<b>3,290</b>	<b>3,302.00</b>	<b>\$ 238.50</b>	<b>\$ 787,527.00</b>
46	05321	42 INCH CIPP SANITARY SEWER PIPE	LF	1,575	1,563.00	\$ 263.50	\$ 411,850.50
47	05322	48 INCH CIPP SANITARY SEWER PIPE	LF	185	183.00	\$ 348.00	\$ 63,684.00
48	05337	36 INCH CIPP STORM SEWER PIPE	LF	90	83.00	\$ 238.50	\$ 19,795.50
49	05340	48 INCH CIPP STORM SEWER PIPE	LF	85	86.00	\$ 248.00	\$ 21,328.00
50	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	13	7.00	\$ 3,485.00	\$ 24,395.00
50A	05350A	SANITARY LATERAL MAN-ENTRY LINER (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	4		\$ 32,841.00	\$ -
51	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	350	58.70	\$ 48.00	\$ 2,817.60
52	05400	48 INCH DIA SANITARY MANHOLE	VF	29	21.00	\$ 400.00	\$ 8,400.00
53	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	16	18.00	\$ 1,650.00	\$ 29,700.00
54	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	6		\$ 350.00	\$ -
55	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	4	1.00	\$ 1,100.00	\$ 1,100.00
56	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EACH	1	1.00	\$ 1,290.00	\$ 1,290.00

57	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GALLON	10	35.00	\$ 12.00	\$ 420.00
<b>58</b>	<b>05432</b>	<b>REPLACE SANITARY SEWER CHIMNEY, FRAME &amp; COVER</b>	<b>EACH</b>	<b>54</b>	<b>52.00</b>	<b>\$ 800.00</b>	<b>\$ 41,600.00</b>
59	05475	48-INCH STORM SEWER MANHOLE	VF	50	42.70	\$ 420.00	\$ 17,934.00
60	05476	60-INCH STORM SEWER MANHOLE	VF	10	7.80	\$ 440.00	\$ 3,432.00
61	05477	72-INCH STORM SEWER MANHOLE	VF	12	12.50	\$ 600.00	\$ 7,500.00
62	05485	2'X3' STORM INLET	EACH	35	33.00	\$ 2,000.00	\$ 66,000.00
63	05510	10 INCH PVC STORM SEWER PIPE	LF	16	21.50	\$ 110.00	\$ 2,365.00
64	05512	12 INCH PVC STORM SEWER PIPE	LF	20	12.00	\$ 120.00	\$ 1,440.00
65	05542	12 INCH RCP STORM SEWER PIPE	LF	800	771.20	\$ 100.00	\$ 77,120.00
66	05545	15 INCH RCP STORM SEWER PIPE	LF	130	116.00	\$ 102.00	\$ 11,832.00
67	05548	18 INCH RCP STORM SEWER PIPE	LF	140	118.70	\$ 105.00	\$ 12,463.50
68	05551	21 INCH RCP STORM SEWER PIPE	LF	185	174.30	\$ 110.00	\$ 19,173.00
69	05554	24 INCH RCP STORM SEWER PIPE	LF	100	86.90	\$ 115.00	\$ 9,993.50
70	05560	30 INCH RCP STORM SEWER PIPE	LF	32	13.00	\$ 170.00	\$ 2,210.00
<b>71</b>	<b>05562</b>	<b>36 INCH RCP STORM SEWER PIPE</b>	<b>LF</b>	<b>240</b>	<b>251.76</b>	<b>\$ 140.00</b>	<b>\$ 35,246.40</b>
72	05680	STORM SEWER INLET REPAIR	VF	16	1.00	\$ 700.00	\$ 700.00
73	05681	STORM SEWER INLET ADJUSTMENT	EACH	17	14.00	\$ 700.00	\$ 9,800.00
74	05692	STORM SEWER MANHOLE REPAIR	VF	40		\$ 600.00	\$ -
75	05693	STORM SEWER MANHOLE ADJUSTMENT	EACH	5	3.00	\$ 650.00	\$ 1,950.00
76	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	5	3.00	\$ 450.00	\$ 1,350.00
77	05704	FLARED END SECTION TRASH RACK	EACH	2	1.00	\$ 1,033.00	\$ 1,033.00
78	05718	18 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1.00	\$ 500.00	\$ 500.00
79	05724	24 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1.00	\$ 600.00	\$ 600.00
80	05736	36 INCH RCP STORM SEWER FLARED END SECTION	EACH	1		\$ 1,200.00	\$ -
81	05848	48 INCH CMP CULVERT END SECTION	EACH	2	2.00	\$ 3,000.00	\$ 6,000.00
82	05850	CONCRETE COLLAR	EACH	12	8.00	\$ 750.00	\$ 6,000.00
83	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	14,700	3,459.30	\$ 2.25	\$ 7,783.43
84	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	70	26.00	\$ 550.00	\$ 14,300.00
85	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	8,865	4,827.60	\$ 3.00	\$ 14,482.80
86	05956	STORM SEWER LATERAL TELEVISIONING	EACH	4		\$ 550.00	\$ -
87	05990	DOGHOUSE STORM MANHOLE WITH INLET GRATE	EACH	2	2.00	\$ 7,000.00	\$ 14,000.00
88	06100	EXTRA BAGS OF CEMENT	EA	125	88.00	\$ 15.00	\$ 1,320.00
89	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	300	122.63	\$ 64.13	\$ 7,864.26

90	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	200	181.10	\$	38.64	\$	6,997.70
<b>91</b>	<b>07109</b>	<b>9-INCH DOWELED CONCRETE PAVEMENT</b>	<b>SY</b>	<b>54,000</b>	<b>53,327.56</b>	<b>\$</b>	<b>40.32</b>	<b>\$</b>	<b>2,150,167.22</b>
92	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	175	135.00	\$	27.74	\$	3,744.90
93	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	23,000	21,407.20	\$	16.45	\$	352,148.44
94	07150	18" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	100	62.00	\$	11.64	\$	721.68
95	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	425	418.02	\$	14.67	\$	6,132.35
96	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	550	610.00	\$	29.87	\$	18,220.70
97	07302	PEDESTRIAN CURB	LF	400	60.60	\$	26.86	\$	1,627.72
98	07304	4-INCH CONCRETE SIDEWALK	SF	21,000	20,122.40	\$	4.79	\$	96,386.30
99	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	5,600	4,819.50	\$	5.16	\$	24,868.62
100	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	49,250	41,820.10	\$	5.67	\$	237,119.97
101	07990	CONCRETE PAVEMENT APPROACH SLAB, WISDOT 415.0410	SY	175	74.00	\$	133.17	\$	9,854.58
102	07991	CONCRETE CORRUGATED MEDIAN WISDOT 620.0100	SF	6,250	6,051.00	\$	6.95	\$	42,054.45
103	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	2,000	888.74	\$	11.26	\$	10,007.21
104	08203	HMA PAVEMENT TYPE 3LT5828S	TON	125	122.54	\$	132.50	\$	16,236.55
105	08204	HMA PAVEMENT TYPE 4LT5828S	TON	1,300	421.25	\$	99.75	\$	42,019.69
106	08208	HMA PAVEMENT TYPE 5LT5828H	TON	100	105.77	\$	133.00	\$	14,067.41
107	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	75	82.36	\$	163.00	\$	13,424.68
108	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$	3,356.12	\$	3,356.12
109	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SUNSET & SENTRY	LS	1	1.00	\$	5,458.75	\$	5,458.75
110	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, ST PAUL & PRAIRIE	LS	1	1.00	\$	4,407.44	\$	4,407.44
111	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, ST PAUL & WASHINGTON	LS	1	1.00	\$	4,407.44	\$	4,407.44
112	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	1,070	790.40	\$	8.68	\$	6,860.67
113	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	2,650	2,392.70	\$	10.57	\$	25,290.84
114	10026	PULL BOXES STEEL 24x36-INCH, WDOT 653.0135	EACH	2	2.00	\$	875.91	\$	1,751.82
115	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	26	26.00	\$	920.45	\$	23,931.70
116	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	17	17.00	\$	664.70	\$	11,299.90
117	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	9	9.00	\$	885.39	\$	7,968.51
118	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	10	10.00	\$	4,990.20	\$	49,902.00
119	10041	CONCRETE BASE - TYPE 10 SPECIAL, WDOT 654.0120	EACH	2	2.00	\$	7,461.39	\$	14,922.78
120	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	4	4.00	\$	1,538.03	\$	6,152.12
121	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	4,610	7,605.80	\$	1.72	\$	13,081.98
122	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	7,790	7,600.10	\$	2.62	\$	19,912.26

123	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,780	2,263.00	\$ 1.71	\$ 3,869.73
124	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	9,340	11,202.70	\$ 1.22	\$ 13,667.29
125	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	1,560	1,959.50	\$ 1.22	\$ 2,390.59
126	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3,570	4,162.90	\$ 1.54	\$ 6,410.87
127	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, SUNSET & SENTRY, WDOT 655.0200.01	LS	1	1.00	\$ 993.98	\$ 993.98
128	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, PRAIRIE & COLLEGE, WDOT 655.0200.02	LS	1	1.00	\$ 993.98	\$ 993.98
129	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, ST PAUL & PRAIRIE, WDOT 655.0200.03	LS	1	1.00	\$ 993.98	\$ 993.98
130	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, ST PAUL & WASHINGTON, WDOT 655.0200.04	LS	1	1.00	\$ 993.98	\$ 993.98
131	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	17.00	\$ 257.62	\$ 4,379.54
132	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	9	9.00	\$ 401.66	\$ 3,614.94
133	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED (EPAC)	EACH	3	3.00	\$ 23,196.53	\$ 69,589.59
134	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED (ECONOLITE)	EACH	1	1.00	\$ 22,930.09	\$ 22,930.09
135	10154	POLES, TYPE 4, WDOT 657.0315	EACH	9	9.00	\$ 1,389.92	\$ 12,509.28
136	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	9	9.00	\$ 229.31	\$ 2,063.79
137	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	8	8.00	\$ 625.09	\$ 5,000.72
138	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	10	10.00	\$ 543.29	\$ 5,432.90
139	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	40	40.00	\$ 588.60	\$ 23,544.00
140	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	19	19.00	\$ 746.35	\$ 14,180.65
141	10605	TRAFFIC SIGNAL FACE 5S 12-INCH, WDOT 658.0175	EACH	1	2.00	\$ 892.43	\$ 1,784.86
142	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	30	30.00	\$ 417.72	\$ 12,531.60
143	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 7,711.90	\$ 7,711.90
144	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SUNSET & SENTRY	LS	1	1.00	\$ 8,736.62	\$ 8,736.62
145	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, PRAIRIE & COLLEGE	LS	1	1.00	\$ 9,815.14	\$ 9,815.14
146	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 7,156.83	\$ 7,156.83
147	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 9,289.48	\$ 9,289.48
148	10800	SIGNAL MOUNTING HARDWARE, SUNSET & FOX RIVER PKWY, WDOT 658.5069.01	LS	1	1.00	\$ 4,487.24	\$ 4,487.24
149	10800	SIGNAL MOUNTING HARDWARE, SUNSET & SENTRY, WDOT 658.5069.02	LS	1	1.00	\$ 5,024.78	\$ 5,024.78
150	10800	SIGNAL MOUNTING HARDWARE, PRAIRIE & COLLEGE, WDOT 658.5069.03	LS	1	1.00	\$ 6,649.11	\$ 6,649.11
151	10800	SIGNAL MOUNTING HARDWARE, ST PAUL & PRAIRIE, WDOT 658.5069.05	LS	1	1.00	\$ 3,990.59	\$ 3,990.59
152	10800	SIGNAL MOUNTING HARDWARE, ST PAUL & WASHINGTON, WDOT 658.5069.06	LS	1	1.00	\$ 4,370.38	\$ 4,370.38
153	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 6,806.36	\$ 6,806.36

154	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, SUNSET & SENTRY	LS	1	1.00	\$ 6,806.36	\$ 6,806.36
155	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, PRAIRIE & COLLEGE	LS	1	1.00	\$ 7,891.76	\$ 7,891.76
156	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 7,330.84	\$ 7,330.84
157	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 7,330.84	\$ 7,330.84
158	10950	VIDEO VEHICLE DETECTION SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 26,850.55	\$ 26,850.55
159	10950	VIDEO VEHICLE DETECTION SYSTEM, SUNSET & SENTRY	LS	1	1.00	\$ 40,774.86	\$ 40,774.86
160	10950	VIDEO VEHICLE DETECTION SYSTEM, PRAIRIE & COLLEGE	LS	2	1.00	\$ 0.01	\$ 0.01
161	10950	VIDEO VEHICLE DETECTION SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 24,082.19	\$ 24,082.19
162	10950	VIDEO VEHICLE DETECTION SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 26,850.55	\$ 26,850.55
163	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 525.66	\$ 525.66
164	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, ST PAUL & PRAIRIE	LS	1	1.00	\$ 525.66	\$ 525.66
165	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, ST PAUL & WASHINGTON	LS	1	1.00	\$ 525.66	\$ 525.66
166	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 525.66	\$ 525.66
167	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 525.66	\$ 525.66
168	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 525.66	\$ 525.66
169	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 525.66	\$ 525.66
170	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, ST PAUL & PRAIRIE	LS	1	1.00	\$ 525.66	\$ 525.66
171	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, ST PAUL & WASHINGTON	LS	1	1.00	\$ 525.66	\$ 525.66
172	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER, SUNSET & SENTRY	LS	1	1.00	\$ 2,570.26	\$ 2,570.26
173	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER, ST PAUL & PRAIRIE	LS	1	1.00	\$ 2,570.26	\$ 2,570.26
174	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER, ST PAUL & WASHINGTON	LS	1	1.00	\$ 2,570.26	\$ 2,570.26
175	10986	MODIFY TRAFFIC SIGNAL CABINET, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 3,664.24	\$ 3,664.24
176	10987	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	8	8.00	\$ 1,152.40	\$ 9,219.20
177	10987	INSTALL MONOTUBE POLES, TYPE 9 SPECIAL (CITY FURNISHED)	EACH	1	1.00	\$ 1,152.40	\$ 1,152.40
178	10987	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	2	2.00	\$ 1,152.40	\$ 2,304.80
179	10987	INSTALL MONOTUBE POLES, TYPE 10 SPECIAL (CITY FURNISHED)	EACH	1	1.00	\$ 1,152.40	\$ 1,152.40
180	10988	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7	7.00	\$ 1,251.73	\$ 8,762.11
181	10988	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	3	3.00	\$ 1,251.73	\$ 3,755.19
182	10988	INSTALL MONOTUBE ARM, 35-FT (CITY FURNISHED)	EACH	1	1.00	\$ 1,251.73	\$ 1,251.73

183	10988	INSTALL MONOTUBE ARM, 40-FT (CITY FURNISHED)	EACH	1	1.00	\$ 1,251.73	\$ 1,251.73
184	10989	INSTALL LUMINAIRE ARMS STEEL 8-FT (CITY FURNISHED)	EACH	3	3.00	\$ 239.19	\$ 717.57
185	10992	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	11	11.00	\$ 243.86	\$ 2,682.46
186	10993	INSTALL STANDARD POLE 10-FT AND PEDESTAL BASE ON EXISTING TYPE 2 CONCRETE BASE (SUNSET & FOX RIVER PKWY)	LS	1	1.00	\$ 554.87	\$ 554.87
187	10994	TEMPORARY TRAFFIC SIGNAL (SUNSET & SENTRY)	LS	1	1.00	\$ 37,049.41	\$ 37,049.41
188	10994	TEMPORARY TRAFFIC SIGNAL (ST PAUL & PRAIRIE)	LS	1	1.00	\$ 34,312.43	\$ 34,312.43
189	10994	TEMPORARY TRAFFIC SIGNAL (ST PAUL & WASHINGTON)	LS	1	1.00	\$ 35,996.25	\$ 35,996.25
190	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	20	20.00	\$ 871.48	\$ 17,429.60
191	11025	PULL BOX - 15-INCH PVC	EACH	14	17.00	\$ 681.66	\$ 11,588.22
192	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	3	0.00	\$ 840.85	\$ -
193	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	4,500	4,595.20	\$ 6.44	\$ 29,593.09
194	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	400	468.30	\$ 20.54	\$ 9,618.88
195	11120	12/2 UF W/GROUND WIRE	LF	800	798.00	\$ 1.21	\$ 965.58
196	11123	#10 XLP USE WIRE	LF	400		\$ 0.96	\$ -
197	11125	#6 XLP USE WIRE	LF	5,000	5,641.60	\$ 1.32	\$ 7,446.91
198	11126	#4 XLP USE WIRE	LF	15,000	16,715.50	\$ 1.68	\$ 28,082.04
199	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (LIGHTING)	LS	1	1.00	\$ 1,971.22	\$ 1,971.22
200	11201	REMOVE AND DISPOSE OF EXISTING WIRE (SUNSET & FOX RIVER PKWY)	LS	1	1.00	\$ 788.49	\$ 788.49
201	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (SUNSET & SENTRY)	LS	1	1.00	\$ 788.49	\$ 788.49
202	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (ST PAUL & PRAIRIE)	LS	1	1.00	\$ 788.49	\$ 788.49
203	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (ST PAUL & WASHINGTON)	LS	1	1.00	\$ 788.49	\$ 788.49
204	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	27	24.00	\$ 368.02	\$ 8,832.48
205	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	22	21.00	\$ 72.78	\$ 1,528.38
206	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	17	16.00	\$ 790.99	\$ 12,655.84
207	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	3	4.00	\$ 1,139.75	\$ 4,559.00
208	11500	TEMPORARY STREET LIGHTING	LS	1	1.00	\$ 15,280.50	\$ 15,280.50
209	11990	REPAIR OF STREETLIGHT SYSTEM AT S WASHINGTON AVE	LS	1	1.00	\$ 4,322.52	\$ 4,322.52
210	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	5,400	4,894.50	\$ 0.78	\$ 3,817.71
211	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	22,000	21,000.00	\$ 0.78	\$ 16,380.00
212	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	2,400	2,041.50	\$ 12.00	\$ 24,498.00
213	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	2,800	2,215.40	\$ 1.50	\$ 3,323.10

214	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	700	568.10	\$ 9.50	\$ 5,396.95
215	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	1,400	579.30	\$ 13.00	\$ 7,530.90
216	12255	PAVEMENT MARKING EPOXY, MEDIAN NOSE	SF	525	339.64	\$ 6.00	\$ 2,037.84
217	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	20	21.00	\$ 275.00	\$ 5,775.00
218	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	9	10.00	\$ 275.00	\$ 2,750.00
219	12265	PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT ARROW	EACH	4	5.00	\$ 265.00	\$ 1,325.00
220	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	21	21.00	\$ 295.00	\$ 6,195.00
221	12275	PAVEMENT MARKING EPOXY, SYMBOL, RAILROAD CROSSING	EACH	2	2.00	\$ 1,400.00	\$ 2,800.00
222	12701	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 4-INCH	LF	650	400.20	\$ 0.75	\$ 300.15
223	12703	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 8-INCH	LF	600	62.00	\$ 1.50	\$ 93.00
224	12705	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 18-INCH	LF	400	58.00	\$ 4.00	\$ 232.00
225	12710	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, DOUBLE LINE, 4-INCH	LF	2,500	947.80	\$ 1.50	\$ 1,421.70
226	12863	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, LEFT ARROW	EACH	4		\$ 200.00	\$ -
227	12900	PAVEMENT MARKING REMOVAL	LF	1,000	1,633.50	\$ 1.00	\$ 1,633.50
228	13001	REMOVE SIGNS AND POSTS	EACH	46	39.00	\$ 15.00	\$ 585.00
229	13002	REMOVE SIGN	EACH	32	43.00	\$ 10.00	\$ 430.00
230	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS (RE-ESTABLISH)	EACH	8	6.00	\$ 50.00	\$ 300.00
231	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	56	73.00	\$ 88.00	\$ 6,424.00
232	13030	SIGN, REFLECTIVE TYPE II	EACH	113	116.00	\$ 16.80	\$ 1,948.80
233	13300	MOVE SIGN	EACH	33	36.00	\$ 40.00	\$ 1,440.00
234	13991	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	2	2.00	\$ 100.00	\$ 200.00
235	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	3,000	1,103.33	\$ 6.00	\$ 6,619.98
236	14005	TOPSOIL & SOD	SY	26,000	18,364.38	\$ 7.49	\$ 137,549.21
237	15001	20-INCH WATER MAIN AND FITTINGS	LF	1,540	1,570.00	\$ 200.00	\$ 314,000.00
238	15002	16-INCH WATER MAIN AND FITTINGS	LF	20	20.00	\$ 540.00	\$ 10,800.00
239	15003	12-INCH WATER MAIN AND FITTINGS	LF	2,445	2,465.00	\$ 148.00	\$ 364,820.00
240	15004	FURNISH AND INSTALL WATER MAIN AND FITTINGS BETWEEN STA 114+25 AND 115+96 AT A LUMP SUM COST	LS	1	1.00	\$ 350,000.00	\$ 350,000.00
241	15005	8-INCH WATER MAIN AND FITTINGS	LF	140	135.00	\$ 121.00	\$ 16,335.00
242	INTENTIONALLY LEFT BLANK						\$ -
243	15007	20-INCH BUTTERFLY VALVES	EACH	3	3.00	\$ 5,182.00	\$ 15,546.00
244	15008	16-INCH BUTTERFLY VALVES	EACH	1	1.00	\$ 3,514.00	\$ 3,514.00
245	15009	12-INCH GATE VALVES AND BOXES	EACH	8	8.00	\$ 2,993.00	\$ 23,944.00

246	15010	8-INCH GATE VALVES AND BOXES	EACH	3	3.00	\$ 1,751.00	\$ 5,253.00
247	15011	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	7	7.00	\$ 8,364.00	\$ 58,548.00
248	15012	CONNECT 3/4" SERVICE LATERAL (SL1)	EACH	1	1.00	\$ 2,800.00	\$ 2,800.00
249	15013	CONNECT 1" SERVICE LATERAL (SL2)	EACH	10	10.00	\$ 2,800.00	\$ 28,000.00
250	15014	CONNECT 1" SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 4,500.00	\$ 4,500.00
251	15015	CONNECT 6" SERVICE LATERAL (SL4)	EACH	1	1.00	\$ 7,500.00	\$ 7,500.00
252	15016	CONNECT 1" SERVICE LATERAL (SL5)	EACH	7	13.00	\$ 3,000.00	\$ 39,000.00
253	15017	CONNECT 1" SERVICE LATERAL (SL6)	EACH	6		\$ 3,000.00	\$ -
254	15018	CONNECT 1-1/4" SERVICE LATERAL (SL7)	EACH	3	2.00	\$ 3,500.00	\$ 7,000.00
255	15019	CONNECT 1" SERVICE LATERAL (SL8)	EACH	1	1.00	\$ 3,500.00	\$ 3,500.00
256	15020	ABANDON EXISTING WATER MAIN IN W. COLLEGE AVENUE	EACH	1	1.00	\$ 2,000.00	\$ 2,000.00
257	15021	ABANDON EXISTING HYDRANTS	EACH	7	7.00	\$ 700.00	\$ 4,900.00
258	15022	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$ 300.00	\$ 300.00
Extra No. 1		12-INCH CIPP STORM SEWER LINING	LF		52.00	\$ 43.45	\$ 2,259.40
Extra No. 2		10"X6" CUT IN WYE FOR SANITARY LATERALS	LS		1.00	\$ 2,376.00	\$ 2,376.00
Extra No. 3		15-INCH CIPP SANITARY SEWER LINING AT INNIO	LF		199.00	\$ 71.45	\$ 14,218.55
Extra No. 4		ADDITIONAL SANITARY SEWER GROUTING	LS		1.00	\$ 25,558.45	\$ 25,558.45
Extra No. 5		OPEN CUT SANITARY LATERAL CLEANOUTS	EACH		2.00	\$ 1,155.00	\$ 2,310.00
Extra No. 6		HAND POUR 9-INCH CONCRETE PAVEMENT ADDITIONAL COST	LS		1.00	\$ 17,045.12	\$ 17,045.12
Extra No. 7		SB#5 ADDITIONAL EXCAVATION	LS		1.00	\$ 13,392.74	\$ 13,392.74
Extra No. 8		SIGNAL BASE UTILITY LOCATES	LS		1.00	\$ 5,103.81	\$ 5,103.81
Extra No. 9		SIGNAL BASE CULVERT MATERIAL	LS		1.00	\$ 9,162.82	\$ 9,162.82

Total \$ 9,299,276.76  
 Less Retainage \$ 251,896.22  


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 Total \$ 9,047,380.54  
 Less Previously Paid \$ 8,920,255.99  


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 Total Amount Due \$ 127,124.55

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$127,124.55 be allowed.

Respectfully Submitted,

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



February 3, 2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 to Payne & Dolan, Inc., N3 W23650 Badinger Rd., Waukesha, WI 53187 for Buchner Park Tennis Courts And Retaining Wall Reconstruction - Base Bid (New Retaining Wall).

Contract No. #4222

CONTRACT DATE: May 18, 2021

Original \$ 444,941.36

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>BUCHNER PARK TENNIS COURTS AND RETAINING WALL RECONSTRUCTION - BASE BID (NEW RETAINING WALL)</b>							
1	01017	TEMPORARY SAFETY FENCE	LF	1,300	1,019.00	\$ 1.73	\$ 1,762.87
2	02002	SILT FENCE	LF	400	406.10	\$ 1.57	\$ 637.58
3	03331	REMOVE EXISTING SIDEWALK	SF	2,500		\$ 1.28	\$ -
4	03501	SAWCUT FULL DEPTH	LF	920		\$ 3.00	\$ -
5	03990	REMOVE EXISTING TENNIS COURTS	SY	3,970	4,000.00	\$ 5.92	\$ 23,680.00
<b>6</b>	<b>03991</b>	<b>REMOVE CHAIN LINK FENCE &amp; BASES</b>	<b>LF</b>	<b>1,500</b>	<b>1,490.00</b>	<b>\$ 4.72</b>	<b>\$ 7,032.80</b>
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	100		\$ 2.30	\$ -
8	04016	GEOTEXTILE GRID TYPE BX1100	SY	100		\$ 2.30	\$ -
9	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	150	912.49	\$ 19.86	\$ 18,122.05
10	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	50	361.62	\$ 75.00	\$ 27,121.50
<b>11</b>	<b>04990</b>	<b>RECYCLED ASPHALT MILLINGS</b>	<b>CY</b>	<b>200</b>	<b>0.00</b>	<b>\$ 42.92</b>	<b>\$ -</b>
12	04991	CONTROL JOINTS - SAWED	LF	910		\$ 1.57	\$ -
13	04992	CRACK CONTROL MEMBRANE	LF	910		\$ 16.80	\$ -
14	07304	4-INCH CONCRETE SIDEWALK	SF	2,900		\$ 6.30	\$ -
15	08203	HMA PAVEMENT TYPE 3LT5828S	TON	700	757.22	\$ 75.00	\$ 56,791.50
16	08205	HMA PAVEMENT TYPE 5LT5828S	TON	415	514.41	\$ 99.00	\$ 50,926.59
17	08990	2-COAT ACRYLIC COLOR SYSTEM	SY	4,390	2,195.00	\$ 5.73	\$ 12,577.35
18	08991	ACRYLIC COURT MARKING LINES - 2" WHITE	LF	2,664		\$ 1.15	\$ -
19	08992	ACRYLIC COURT MARKING LINES - 3" WHITE	LF	432		\$ 3.67	\$ -
20	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	13	13.00	\$ 524.86	\$ 6,823.18
21	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	1,650	300.00	\$ 8.66	\$ 2,598.00
<b>22</b>	<b>14111</b>	<b>6-FT HIGH CHAIN-LINK FENCE</b>	<b>LF</b>	<b>375</b>	<b>414.00</b>	<b>\$ 48.29</b>	<b>\$ 19,992.06</b>
<b>23</b>	<b>14116</b>	<b>10-FT HIGH CHAIN-LINK - FENCE</b>	<b>LF</b>	<b>790</b>	<b>792.00</b>	<b>\$ 72.43</b>	<b>\$ 57,364.56</b>
<b>24</b>	<b>14120</b>	<b>FENCE GATE</b>	<b>EACH</b>	<b>5</b>	<b>5.00</b>	<b>\$ 419.89</b>	<b>\$ 2,099.45</b>

25	14990	INSTALL CITY SUPPLIED NET POST SLEEVES AND CENTER ANCHORS	SET	6	6.00	\$ 341.16	\$ 2,046.96
26	14991	CONSTRUCT NEW REDI ROCK RETAINING WALL	SF	3,125	2,129.00	\$ 33.22	\$ 70,725.38
<b>Extra No. 1</b>		<b>CONCRETE PAVEMENT BASE REMOVAL</b>	<b>SY</b>		<b>1,168.00</b>	<b>\$ 17.00</b>	<b>\$ 19,856.00</b>
<b>Extra No. 2</b>		<b>12' WIDE X 10' HIGH GATE</b>	<b>LS</b>		<b>1.00</b>	<b>\$ 2,800.00</b>	<b>\$ 2,800.00</b>
<b>Extra No. 3</b>		<b>RE-INSTALL BANG BOARD</b>	<b>LS</b>		<b>1.00</b>	<b>\$ 7,950.00</b>	<b>\$ 7,950.00</b>
<b>Extra No. 4</b>		<b>HAND DUG FENCE POST HOLE</b>	<b>EACH</b>		<b>37.00</b>	<b>\$ 550.00</b>	<b>\$ 20,350.00</b>
MANDATORY ALTERNATE #1 - PICKLEBALL COURT SUBSTITUTION AUTHORIZED)					(IF		
1	08991A	ACRYLIC COURT MARKING LINES - 2" WHITE	LF	376		\$ 2.94	\$ -
2	08992A	ACRYLIC COURT MARKING LINES - 3" WHITE	LF	176		\$ 2.94	\$ -
<b>3</b>	<b>14111A</b>	<b>4' BLACK EPOXY-COATED CHAIN LINK FENCE</b>	<b>LF</b>	<b>230</b>	<b>210.00</b>	<b>\$ 41.99</b>	<b>\$ 8,817.90</b>
4	14990A	INSTALL CITY SUPPLIED NET POST SLEEVES AND CENTER ANCHORS	SET	6	6.00	\$ 341.16	\$ 2,046.96
MANDATORY ALTERNATE #2 - EPOXY COATED FENCING UPGRADE AUTHORIZED)					(IF		
<b>1</b>	<b>14116A</b>	<b>UPGRADE 6' AND 10' CHAIN LINK FENCE TO BLACK EPOXY-COATED FENCE</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$ 13,646.44</b>	<b>\$ 13,646.44</b>

Total \$ 435,769.13

Less Retainage \$ 11,123.53

Total \$ 424,645.60

Less Previously Paid \$ 375,309.66

Total Amount Due \$ 49,335.94

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$49,335.94 be allowed.

Respectfully Submitted,

Alex Damien, P.E.

Interim Director of Public Works

February 3, 2022

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 15 to Payne & Dolan, Inc., N3 W23650 Badinger Rd., Waukesha, WI 53187 for 2021 Asphalt Street Resurfacing.

Contract No. #4217

CONTRACT DATE: May 4, 2021

Original \$ 4,604,881.99

Amended \$ 4,734,417.91

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	<b>TRAFFIC CONTROL</b>	LS	1	1.00	\$ 34,100.00	\$ 34,100.00
2	02003	EROSION BALES	EACH	20	0.00	\$ 30.00	\$ -
3	02005	INLET PROTECTION	EACH	55	35.00	\$ 70.00	\$ 2,450.00
4	02200	TYPE II DEWATERING	LS	1	0.00	\$ 5,234.61	\$ -
5	03101	REMOVE INLET	EACH	2	2.00	\$ 400.00	\$ 800.00
6	03110	REMOVE PIPE	LF	65	65.00	\$ 20.00	\$ 1,300.00
7	03300	REMOVE EXISTING CURB AND GUTTER	LF	4,050	5,585.94	\$ 4.00	\$ 22,343.76
8	03331	REMOVE EXISTING SIDEWALK	SF	7,500	14,460.34	\$ 1.00	\$ 14,460.34
9	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	450	450.00	\$ 2.72	\$ 1,224.00
10	03990	REMOVAL OF CONCRETE SCALE	LS	1	1.00	\$ 760.48	\$ 760.48
11	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,700	1,700.00	\$ 38.36	\$ 65,212.00
12	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	4,000	3,500.00	\$ 2.16	\$ 7,560.00
13	04016	GEOTEXTILE GRID TYPE BX1100	SY	2,000	6,200.00	\$ 2.10	\$ 13,020.00
14	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	7,600	4,189.49	\$ 9.50	\$ 39,800.16
15	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	24,700	24,618.00	\$ 1.13	\$ 27,818.34
16	04991	<b>CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)</b>	TON	1,000	4,356.82	\$ 27.04	\$ 117,808.41
17	05005	4-INCH PERFORATED UNDERDRAIN	LF	1,300	1,220.00	\$ 18.00	\$ 21,960.00
18	05050	INTERNAL CHIMNEY SEAL	EACH	56	56.00	\$ 510.00	\$ 28,560.00
19	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	8	8.00	\$ 750.00	\$ 6,000.00
20	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	2	2.00	\$ 950.00	\$ 1,900.00
21	05430	REPLACE SANITARY SEWER COVER	EACH	2	2.00	\$ 150.00	\$ 300.00
22	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	55	55.00	\$ 1,710.00	\$ 94,050.00
23	05485	2'X3' STORM INLET	EACH	20	20.00	\$ 1,300.00	\$ 26,000.00
24	05542	12 INCH RCP STORM SEWER PIPE	LF	55	46.00	\$ 85.00	\$ 3,910.00
25	05680	STORM SEWER INLET REPAIR	VF	30	9.70	\$ 900.00	\$ 8,730.00
26	05692	STORM SEWER MANHOLE REPAIR	VF	7	3.83	\$ 900.00	\$ 3,447.00
27	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	5	3.00	\$ 1,050.00	\$ 3,150.00

28	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1.00	\$ 600.00	\$ 600.00
29	05902	MEDIUM RIPRAP	CY	10	10.00	\$ 120.00	\$ 1,200.00
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	5	5.00	\$ 10.00	\$ 50.00
31	06100	EXTRA BAGS OF CEMENT	EA	50	0.00	\$ 10.00	\$ -
32	06500	TYPE A SLURRY	CY	50	0.00	\$ 75.00	\$ -
33	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	4,080	5,585.94	\$ 25.00	\$ 139,648.50
34	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	470	470.00	\$ 40.00	\$ 18,800.00
35	07302	PEDESTRIAN CURB	LF	100	0.00	\$ 30.00	\$ -
36	07304	4-INCH CONCRETE SIDEWALK	SF	7,500	10,073.75	\$ 7.00	\$ 70,516.25
37	07326	6-INCH CONCRETE DRIVE APPROACH	SF	825	4,356.59	\$ 7.00	\$ 30,496.13
38	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	16,000	16,000.00	\$ 1.83	\$ 29,280.00
39	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	29,825	29,825.00	\$ 2.18	\$ 65,018.50
40	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	16,000	16,000.00	\$ 0.13	\$ 2,080.00
41	08065	HMA PAVEMENT PATCHING	SY	900	1,109.98	\$ 23.64	\$ 26,239.93
42	08203	HMA PAVEMENT TYPE 3LT5828S	TON	5,435	4,579.25	\$ 48.44	\$ 221,818.87
43	08205	HMA PAVEMENT TYPE 5LT5828S	TON	5,600	6,702.44	\$ 55.88	\$ 374,532.35
44	08403	PAVEMENT CRACK SEALING	SY	16,000	0.00	\$ 0.81	\$ -
45	12010	PAVEMENT MARKING REMOVAL, 4" DOUBLE LINE	LF	400	0.00	\$ 3.50	\$ -
46	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	910	900.00	\$ 0.95	\$ 855.00
47	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	12,100	11,698.00	\$ 0.95	\$ 11,113.10
48	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	175	354.20	\$ 7.50	\$ 2,656.50
49	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	175	154.40	\$ 10.25	\$ 1,582.60
50	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	130	96.60	\$ 12.75	\$ 1,231.65
51	12277	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	2	2.00	\$ 185.00	\$ 370.00
52	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	600	265.00	\$ 11.20	\$ 2,968.00
53	14005	TOPSOIL & SOD	SY	5,500	1,277.00	\$ 13.00	\$ 16,601.00
						SUBTOTAL:	\$ 1,564,322.87
MANDATORY ALTERNATE #1 RAMBLING ROSE RESURFACING							
<b>1</b>	<b>01001</b>	<b>TRAFFIC CONTROL</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$ 5,950.00</b>	<b>\$ 5,950.00</b>
2	02003	EROSION BALES	EACH	20	0.00	\$ 30.00	\$ -
3	02005	INLET PROTECTION	EACH	40	29.00	\$ 70.00	\$ 2,030.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	1,200	4,923.20	\$ 4.00	\$ 19,692.80
5	03331	REMOVE EXISTING SIDEWALK	SF	5,000	7,269.00	\$ 1.00	\$ 7,269.00
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	500	500.00	\$ 2.72	\$ 1,360.00
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,000	0.00	\$ 1.48	\$ -
8	04016	GEOTEXTILE GRID TYPE BX1100	SY	1,000	1,744.00	\$ 1.59	\$ 2,772.96
9	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,200	166.00	\$ 9.50	\$ 1,577.00

10	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	24,400	23,650.00	\$ 1.09	\$ 25,778.50
11	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,000	2,945.98	\$ 25.41	\$ 74,857.35
12	05050	INTERNAL CHIMNEY SEAL	EACH	49	49.00	\$ 510.00	\$ 24,990.00
13	05159	6 INCH SANITARY SEWER LATERAL REPLACEMENT (PIPE BURSTING)	LF	35	30.00	\$ 320.00	\$ 9,600.00
14	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	9	9.00	\$ 1,450.00	\$ 13,050.00
15	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	5	5.00	\$ 750.00	\$ 3,750.00
16	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1	1.00	\$ 950.00	\$ 950.00
17	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	49	49.00	\$ 1,710.00	\$ 83,790.00
18	05485	2'X3' STORM INLET	EACH	20	16.00	\$ 1,300.00	\$ 20,800.00
19	05680	STORM SEWER INLET REPAIR	VF	20	3.50	\$ 900.00	\$ 3,150.00
20	05692	STORM SEWER MANHOLE REPAIR	VF	2	0.00	\$ 900.00	\$ -
21	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	1	2.00	\$ 1,050.00	\$ 2,100.00
22	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	160	159.20	\$ 4.50	\$ 716.40
23	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	1	1.00	\$ 785.00	\$ 785.00
24	06100	EXTRA BAGS OF CEMENT	EA	50	0.00	\$ 10.00	\$ -
25	06500	TYPE A SLURRY	CY	50	0.00	\$ 75.00	\$ -
26	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	1,200	4,923.20	\$ 25.00	\$ 123,080.00
27	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	320	320.00	\$ 40.00	\$ 12,800.00
28	07302	PEDESTRIAN CURB	LF	100	52.00	\$ 30.00	\$ 1,560.00
29	07304	4-INCH CONCRETE SIDEWALK	SF	5,000	5,360.00	\$ 7.00	\$ 37,520.00
30	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	100	1,909.00	\$ 7.00	\$ 13,363.00
31	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	12,500	12,793.00	\$ 1.69	\$ 21,620.17
32	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	23,300	22,309.00	\$ 1.95	\$ 43,502.55
33	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	12,500	12,793.00	\$ 0.20	\$ 2,558.60
34	08065	HMA PAVEMENT PATCHING	SY	500	686.00	\$ 28.45	\$ 19,516.70
35	08203	HMA PAVEMENT TYPE 3LT5828S	TON	4,100	3,804.00	\$ 47.31	\$ 179,967.24
36	08205	HMA PAVEMENT TYPE 5LT5828S	TON	4,200	4,329.00	\$ 55.31	\$ 239,436.99
37	08403	PAVEMENT CRACK SEALING	SY	12,500	0.00	\$ 0.81	\$ -
38	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	200	338.00	\$ 12.00	\$ 4,056.00
39	14005	TOPSOIL & SOD	SY	2,000	964.04	\$ 14.50	\$ 13,978.58
						SUBTOTAL:	\$ 1,017,928.84
MANDATORY ALTERNATE #2 CRESTWOOD DR RESURFACING							
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 5,000.00	\$ 5,000.00
2	02003	EROSION BALES	EACH	20	0.00	\$ 30.00	\$ -
3	02005	INLET PROTECTION	EACH	50	40.00	\$ 70.00	\$ 2,800.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	3,000	4,106.00	\$ 4.00	\$ 16,424.00

5	03331	REMOVE EXISTING SIDEWALK	SF	9,500	12,275.00	\$	1.00	\$	12,275.00
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	1,200	722.00	\$	2.72	\$	1,963.84
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,000	0.00	\$	1.39	\$	-
8	04016	GEOTEXTILE GRID TYPE BX1100	SY	500	0.00	\$	1.41	\$	-
9	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,500	169.50	\$	9.50	\$	1,610.25
10	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	23,000	22,235.00	\$	1.19	\$	26,459.65
11	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,000	1,129.00	\$	25.48	\$	28,766.92
12	05050	INTERNAL CHIMNEY SEAL	EACH	42	40.00	\$	510.00	\$	20,400.00
13	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	140	140.00	\$	230.00	\$	32,200.00
14	05159	6 INCH SANITARY SEWER LATERAL REPLACEMENT (PIPE BURSTING)	LF	210	210.00	\$	180.00	\$	37,800.00
15	05160	EXCAVATION AND LATERAL CONNECTION AT ROW (PIPE BURSTING)	EACH	6	7.00	\$	2,000.00	\$	14,000.00
16	05161	EXCAVATION AND LATERAL CONNECTION AT SEWER MAIN (PIPE BURSTING)	EACH	6	7.00	\$	2,900.00	\$	20,300.00
17	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	5	5.00	\$	1,325.00	\$	6,625.00
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	7	7.00	\$	750.00	\$	5,250.00
19	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	2	2.00	\$	950.00	\$	1,900.00
20	05430	REPLACE SANITARY SEWER COVER	EACH	2	2.00	\$	150.00	\$	300.00
21	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	41	41.00	\$	1,710.00	\$	70,110.00
22	05485	2'X3' STORM INLET	EACH	25	12.00	\$	1,300.00	\$	15,600.00
23	05680	STORM SEWER INLET REPAIR	VF	25	12.00	\$	900.00	\$	10,800.00
24	05692	STORM SEWER MANHOLE REPAIR	VF	4	2.00	\$	900.00	\$	1,800.00
25	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	2	2.00	\$	1,050.00	\$	2,100.00
26	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,380	1,367.40	\$	2.05	\$	2,803.17
27	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	10	10.00	\$	280.00	\$	2,800.00
28	05990	SANITARY SEWER CIPP SPOT LINER	EACH	2	2.00	\$	2,950.00	\$	5,900.00
29	06100	EXTRA BAGS OF CEMENT	EA	25	0.00	\$	10.00	\$	-
30	06500	TYPE A SLURRY	CY	25	0.00	\$	75.00	\$	-
31	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	3,000	4,106.00	\$	25.00	\$	102,650.00
32	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	640	660.00	\$	40.00	\$	26,400.00
33	07302	PEDESTRIAN CURB	LF	250	81.00	\$	30.00	\$	2,430.00
34	07304	4-INCH CONCRETE SIDEWALK	SF	9,500	11,615.00	\$	7.00	\$	81,305.00
35	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	200	660.00	\$	7.00	\$	4,620.00
36	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	20,000	21,046.00	\$	2.20	\$	46,301.20
37	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	23,000	22,951.00	\$	2.42	\$	55,541.42
38	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	20,000	21,046.00	\$	0.17	\$	3,577.82
39	08065	HMA PAVEMENT PATCHING	SY	622	247.00	\$	45.81	\$	11,315.07
40	08203	HMA PAVEMENT TYPE 3LT5828S	TON	4,000	3,422.89	\$	50.04	\$	171,281.42

41	08205	HMA PAVEMENT TYPE 5LT5828S	TON	4,200	3,845.40	\$	56.96	\$	219,033.98
42	08403	PAVEMENT CRACK SEALING	SY	20,000	0.00	\$	0.81	\$	-
43	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	2,600	2,411.10	\$	0.95	\$	2,290.55
44	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	250	102.60	\$	12.00	\$	1,231.20
45	14005	TOPSOIL & SOD	SY	1,500	1,485.20	\$	14.50	\$	21,535.40
							SUBTOTAL:	\$	1,095,500.89
<b>MANDATORY ALTERNATE #3 RICHARD ST RESURFACING</b>									
<b>1</b>	<b>01001</b>	<b>TRAFFIC CONTROL</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$</b>	<b>3,100.00</b>	<b>\$</b>	<b>3,100.00</b>
2	02003	EROSION BALES	EACH	20	0.00	\$	30.00	\$	-
3	02005	INLET PROTECTION	EACH	20	17.00	\$	70.00	\$	1,190.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	2,500	2,612.30	\$	4.00	\$	10,449.20
5	03331	REMOVE EXISTING SIDEWALK	SF	5,000	12,042.73	\$	1.00	\$	12,042.73
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	200	200.00	\$	2.72	\$	544.00
7	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2,200	379.94	\$	9.50	\$	3,609.43
8	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	12,600	12,715.99	\$	1.14	\$	14,496.23
9	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500	2,876.52	\$	25.16	\$	72,373.24
10	05050	INTERNAL CHIMNEY SEAL	EACH	28	28.00	\$	510.00	\$	14,280.00
11	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	5	5.00	\$	1,590.00	\$	7,950.00
12	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	2	2.00	\$	750.00	\$	1,500.00
13	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	28	28.00	\$	1,710.00	\$	47,880.00
14	05485	2'X3' STORM INLET	EACH	10	7.00	\$	1,300.00	\$	9,100.00
15	05680	STORM SEWER INLET REPAIR	VF	15	5.50	\$	900.00	\$	4,950.00
16	06100	EXTRA BAGS OF CEMENT	EA	25	0.00	\$	10.00	\$	-
17	06500	TYPE A SLURRY	CY	50	0.00	\$	75.00	\$	-
18	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	2,500	2,612.30	\$	25.00	\$	65,307.50
19	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	400	380.00	\$	40.00	\$	15,200.00
20	07302	PEDESTRIAN CURB	LF	50	0.00	\$	30.00	\$	-
21	07304	4-INCH CONCRETE SIDEWALK	SF	5,000	10,744.14	\$	7.00	\$	75,208.98
22	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	100	1,298.59	\$	7.00	\$	9,090.13
23	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	9,700	10,500.00	\$	1.69	\$	17,745.00
24	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	12,600	12,715.99	\$	2.20	\$	27,975.18
25	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	12,600	10,500.00	\$	0.14	\$	1,470.00
26	08065	HMA PAVEMENT PATCHING	SY	100	162.00	\$	50.42	\$	8,168.04
27	08203	HMA PAVEMENT TYPE 3LT5828S	TON	2,500	2,108.13	\$	47.71	\$	100,578.88
28	08205	HMA PAVEMENT TYPE 5LT5828S	TON	2,800	2,500.83	\$	55.23	\$	138,120.84
29	08403	PAVEMENT CRACK SEALING	SY	9,700	0.00	\$	0.82	\$	-
30	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	1,000	999.00	\$	0.95	\$	949.05





					SUBTOTAL:		\$ 54,067.63
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Grand Total	\$	4,738,417.91
Less Retainage	\$	50,000.00
Less Liquidated Damages (4 Days at \$1,000/Day)	\$	4,000.00
Total	\$	<u>4,684,417.91</u>
Less Previously Paid	\$	<u>4,572,141.89</u>
Total Amount Due	\$	112,276.02

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$112,276.02 be allowed.

Respectfully Submitted,



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