

123-2030
8-8-20

CONSENT

20-0040

TO BOARD OF PUBLIC WORKS City Engineer's Estimates

For WS-19-4 2019 ASPHALTIC CONCRETE PAVING PROGRAM

January 8, 2020
DATE

6&FINAL
NO.

Highway Landscapers, Inc.

April 15, 2019

October 18, 2019

\$1,455,060.31
AMOUNT OF CONTRACT

Silver St, S. 20th St, New York Ave, N. 19th, Alley (Cleveland - New York & N 6th - Lincoln) N. 5th, N. 6th, S. 18th, S. 17th, Green & S. 16th, S. Alverno Rd

STREET

CO#1	(\$82,231.12)
CO#2	\$6,946.50
CO#3	\$10,843.12
CO#4	(\$21,686.41)
TOTAL	\$1,368,932.40

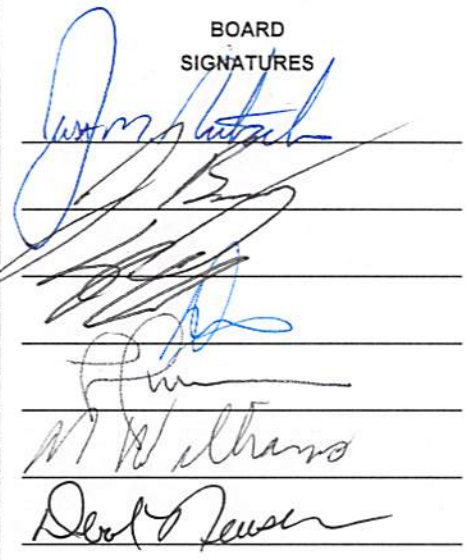
DESCRIPTION	NO. 1 PREVIOUSLY COMPLETED	NO. 2 COST WORK PREVIOUSLY COMPLETED	NO. 3 COMPLETED TO DATE	NO. 4 COST WORK COMPLETED TO DATE	NO. 5 DIFFERENCE COLUMNS 1 & 3	NO. 6 DIFFERENCE COLUMNS 2 & 4
SEE COMPUTER PRINTOUT						
INVOICE #: 5807-2131						
INVOICE DATE: 12/3/2019				FOR DETAILS		
TOTALS		\$1,368,288.80		\$1,368,288.80		
PAYMENTS		\$1,331,912.29		\$1,368,932.40		\$37,020.11
AMOUNT DUE, FINAL PAYMENT						\$37,020.11

1-8-20
Date filed with Secretary

Date approved by Board

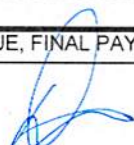
AMOUNT RECOMMENDED	
\$37,020.11	

BOARD SIGNATURES



Date Paid
Check No.
Voucher No.

Asphalt	4300-32290-582330	\$36,833.23
Sanitary Sewer	6300-71100-582600	\$186.88
TOTAL		\$37,020.11

Signature  1-8-20
CITY ENGINEER

Copy For
Council Board Voucher

Contractor: Highway Landscapers, Inc.

CONTRACT AMOUNT: \$1,455,060.31
 CHANGE ORDER #1: (\$82,231.12)
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CONTRACT DATE: April 15, 2019

COMPLETION DATE: October 18, 2019

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Silver St., S. 20th St., New York Ave.										
1.	Mobilization	LS	1	\$36,980.00	1.00	1.00	100%	\$36,980.00	0.00	\$0.00
2.	Traffic Control	LS	1	\$8,900.00	1.0	1.0	100%	\$8,900.00	0.00	\$0.00
3.	Inlet Protection Type "D"	EA	25	\$125.00	25	25	100%	\$3,125.00	0.00	\$0.00
4.	Clearing	ID	358	\$18.00	324	324	91%	\$5,832.00	0.00	\$0.00
5.	Grubbing	ID	404	\$18.00	388.00	388.00	96%	\$6,984.00	0.00	\$0.00
6.	Removing Asphaltic Pavement	SY	2547	\$4.00	2,882.0	2,882.0	113%	\$11,528.00	0.00	\$0.00
7.	Unclassified Excavation (Pav't and Rails)	CY	1083	\$14.50	1,083.0	1,083.0	100%	\$15,703.50	0.00	\$0.00
8.	Fine Grading	SY	2276	\$8.10	2,542	2,542	112%	\$20,590.20	0.00	\$0.00
9.	Road Gravel (1-1/4")	TON	98	\$25.00	67	67	68%	\$1,675.00	0.00	\$0.00
10.	9" Crushed Aggregate Base Course	SY	3000	\$9.80	3,018	3,018	101%	\$29,576.40	0.00	\$0.00
11.	HMA Pavement, Type 4LT 58-28S	TON	1134	\$127.80	1,160.44	1,160.44	102%	\$148,304.23	0.00	\$0.00
12.	Tack Coat	GAL	272	\$3.75	100	100	37%	\$375.00	0.00	\$0.00
13.	Limestone Shoulder (screenings or 3/4")	LF	21	\$13.60	196.0	196.0	933%	\$2,665.60	0.00	\$0.00
14.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	81	\$10.00	93	93	115%	\$930.00	0.00	\$0.00
15.	30" Concrete Curb & Gutter, Type D (Remove & Replace)	LF	1207	\$24.85	1,174.1	1,174.1	97%	\$29,176.39	0.00	\$0.00
16.	30" Concrete Curb & Gutter, Type A (Remove & Replace)	LF	158	\$42.00	161.1	161.1	102%	\$6,766.20	0.00	\$0.00
17.	4" Concrete Sidewalk (Remove & Replace)	SF	502	\$10.25	656	656	131%	\$6,724.00	0.00	\$0.00
18.	6" Concrete Driveway or Sidewalk (Remove & Replace)	SF	1296	\$10.25	1,195.0	1,195.0	92%	\$12,248.75	0.00	\$0.00
19.	8" Concrete Driveway or Sidewalk	SF	306	\$11.25	309.0	309.0	101%	\$3,476.25	0.00	\$0.00
20.	Detectable Warning Field	SF	8	\$35.00	8.0	8.0	100%	\$280.00	0.00	\$0.00
21.	Sawing Existing Pavement (Asphalt)	LF	3875	\$1.55	3,820.0	3,820.0	99%	\$5,921.00	0.00	\$0.00
22.	Sawing Concrete Pavement, Full Depth	LF	4515	\$2.25	4,490.00	4,490.00	99%	\$10,102.50	0.00	\$0.00
23.	Sawing Sidewalk or Driveway	LF	15	\$2.25	5.0	5.0	33%	\$11.25	0.00	\$0.00
24.	Removing Sidewalk or Driveway	SF	105	\$2.00	45.0	45.0	43%	\$90.00	0.00	\$0.00
25.	Adjusting Manhole Cover	EA	3	\$750.00	2.0	2.0	67%	\$1,500.00	0.00	\$0.00
26.	Adjusting 5" Valve Box Covers	EA	2	\$250.00	0.0	0.0	0%	\$0.00	0.00	\$0.00
27.	3" Pulverized Topsoil	SY	1043	\$11.25	923.00	923.00	88%	\$10,383.75	0.00	\$0.00
28.	Seed (Mixture No. 40), Fertilizer and Water	SY	511	\$3.00	484.0	484.0	95%	\$1,452.00	0.00	\$0.00

PAY ESTIMATE WORKSHEET
 FOR 2019 ASPHALTIC CONCRETE PAVING
 CITY OF MANITOWOC CONTRACT NO. WS-19-4

PAY ESTIMATE NO.: 6 & Final
 DATE: January 8, 2020

Contractor: Highway Landscapers, Inc.

CONTRACT AMOUNT: \$1,455,060.31
 CHANGE ORDER #1: (\$82,231.12)
 CHANGE ORDER #2: \$6,946.50
 CHANGE ORDER #3: \$10,843.12
 CHANGE ORDER #4-FINAL: (\$21,686.41)
\$1,368,932.40

CONTRACT DATE: April 15, 2019
 COMPLETION DATE: October 18, 2019

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29.	Erosion Mat, Urban Class 1, Type A	SY	511	\$2.00	484.0	\$968.00	484.0 *	95%	\$968.00	0.00	\$0.00
30.	Sod, Fertilizer and Water	SY	532	\$11.25	439.0	\$4,938.75	439.0 *	83%	\$4,938.75	0.00	\$0.00
31.	Ditching	LF	140	\$20.00	140.0	\$2,800.00	140.0 *	100%	\$2,800.00	0.00	\$0.00
32.	Pavement Marking, Epoxy 4-Inch	LF	575	\$2.25	513.0	\$1,154.25	513.0 *	89%	\$1,154.25	0.00	\$0.00
33.	Pavement Marking Stop Line, Epoxy 18-Inch	LF	18	\$9.95	0.0	\$0.00	0.0 *	0%	\$0.00	0.00	\$0.00
34.	Pavement Marking Crosswalk, Epoxy 6-Inch	LF	72	\$3.55	80.0	\$284.00	80.0 *	111%	\$284.00	0.00	\$0.00
35.	Furnish & Install 10" PVC Storm (SDR-26)	LF	114	\$45.30	114.0	\$5,164.20	114.0 *	100%	\$5,164.20	0.00	\$0.00
36.	Furnish & Install Type 3 Inlet (2' X 3')	EA	2	\$1,250.00	2.0	\$2,500.00	2.0 *	100%	\$2,500.00	0.00	\$0.00
37.	Furnish & Install Type "H" Casting (R-3067-R) Diagonal, Storm	EA	2	\$650.00	2.0	\$1,300.00	2.0 *	100%	\$1,300.00	0.00	\$0.00
38.	Removing Sanitary Manhole	EA	1	\$800.00	1.0	\$800.00	1.0 *	100%	\$800.00	0.00	\$0.00
39.	Furnish & Install Standard Sanitary Manhole, Type 1	VF	8	\$500.00	7.5	\$3,750.00	7.5 *	94%	\$3,750.00	0.00	\$0.00
40.	Furnish & Install Type "J" Sanitary Casting (R-1550-A) with "T" Gasket	EA	4	\$760.00	4.0	\$3,040.00	4.0 *	100%	\$3,040.00	0.00	\$0.00
41.	Slurry Backfill - Sanitary	CY	38	\$250.00	20.0	\$5,000.00	20.0 *	53%	\$5,000.00	0.00	\$0.00
SUB-TOTAL FOR ITEMS 1-41						\$413,000.22			\$413,000.22		\$0.00

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FOR 2019 ASPHALTIC CONCRETE PAVING

CITY OF MANITOWOC CONTRACT NO. WS-19-4

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DATE: January 8, 2020

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N. 19th St., Alley (Cleveland to New York & N 6th to Lincoln), N. 5th St., N. 6th St., S. 18th St., S. 17th St., Green St. & S. 16th St., S. Alverno Rd.										
42.	Mobilization	LS	\$64,720.00	1.00	\$64,720.00	1.00 *	100%	\$64,720.00	0.00	\$0.00
43.	Traffic Control	LS	\$6,400.00	1.0	\$6,400.00	1.0 *	100%	\$6,400.00	0.00	\$0.00
44.	Inlet Protection Type "D"	EA	\$125.00	26	\$3,250.00	26 *	68%	\$3,250.00	0.00	\$0.00
45.	Clearing	ID	\$18.00	352	\$6,336.00	352 *	83%	\$6,336.00	0.00	\$0.00
46.	Grubbing	ID	\$18.00	424	\$7,632.00	424 *	85%	\$7,632.00	0.00	\$0.00
47.	Removing/Milling Asphalt	SY	\$3.90	7,366.0	\$28,727.40	7,366.0 *	76%	\$28,727.40	0.00	\$0.00
48.	Pulverizing	SY	\$1.55	7,715	\$11,958.25	7,715 *	100%	\$11,958.25	0.00	\$0.00
49.	Fine Grading	SY	\$1.95	14,260	\$27,807.00	14,260 *	88%	\$27,807.00	0.00	\$0.00
50.	Road Gravel (1-1/4")	TON	\$25.00	43.7	\$1,092.50	43.7 *	62%	\$1,092.50	0.00	\$0.00
51.	HMA Pavement, Type 4LT 58-28S	TON	\$87.70	3,357.11	\$294,418.55	3,357.11 *	90%	\$294,418.55	0.00	(\$0.00)
52.	Tack Coat	GAL	\$3.75	480	\$1,800.00	480 *	46%	\$1,800.00	0.00	\$0.00
53.	Limestone Shoulder (3/4")	LF	\$2.25	2,505	\$5,636.25	2,505 *	96%	\$5,636.25	0.00	\$0.00
54.	Limestone Driveway (screenings)	TON	\$17.80	10.5	\$186.90	10.5 *	131%	\$186.90	0.00	\$0.00
55.	Unclassified Excavation (Pav't)	CY	\$15.50	1,721	\$26,675.50	1,721 *	100%	\$26,675.50	0.00	\$0.00
56.	Curb Removal (S. 18th St.)	LF	\$2.50	739	\$1,847.50	739 *	100%	\$1,847.50	0.00	\$0.00
57.	12" Crushed Aggregate Base Course	SY	\$11.80	3,783	\$44,639.40	3,783 *	100%	\$44,639.40	0.00	\$0.00
58.	Geotextile Fabric, Non-Woven, Type SAS	SY	\$4.25	0	\$0.00	0 *	0%	\$0.00	0.00	\$0.00
59.	8" Crushed Aggregate Base Course	SY	\$7.95	447	\$3,553.65	447 *	95%	\$3,553.65	0.00	\$0.00
60.	8" Breaker Run	SY	\$8.20	447	\$3,665.40	447 *	100%	\$3,665.40	0.00	\$0.00
61.	7" Concrete Pavement	SY	\$66.45	440	\$29,238.00	440 *	100%	\$29,238.00	0.00	\$0.00
62.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	\$10.00	226	\$2,260.00	226 *	68%	\$2,260.00	0.00	\$0.00
63.	30" Concrete Curb & Gutter, Type D (Remove & Replace)	LF	\$31.50	1,239.9	\$39,056.85	1,239.9 *	78%	\$39,056.85	0.00	\$0.00
64.	30" Concrete Curb & Gutter, Type D (New)	LF	\$17.95	1,583	\$28,414.85	1,583 *	100%	\$28,414.85	0.00	\$0.00
65.	4" Concrete Sidewalk (Remove & Replace)	SF	\$10.25	719	\$7,369.75	719 *	104%	\$7,369.75	0.00	\$0.00
66.	6" Concrete Driveway or Sidewalk (Remove & Replace)	SF	\$10.25	3,814	\$39,093.50	3,814 *	97%	\$39,093.50	0.00	\$0.00
67.	Detectable Warning Field	SF	\$35.00	86	\$3,010.00	86 *	98%	\$3,010.00	0.00	\$0.00
68.	Sawing Existing Pavement (Asphalt)	LF	\$1.55	767	\$1,188.85	767 *	68%	\$1,188.85	0.00	\$0.00
69.	Sawing Concrete Pavement, Full Depth	LF	\$2.25	498	\$1,120.50	498 *	89%	\$1,120.50	0.00	\$0.00

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70.	Sawing Sidewalk or Driveway	LF	90	\$2.25	13	\$29.25	13 *	14%	\$29.25	0.00	\$0.00
71.	Driveway Curb Cut	LF	22	\$25.00	26	\$650.00	26 *	118%	\$650.00	0.00	\$0.00
72.	Removing Sidewalk or Driveway	SF	195	\$2.00	154	\$308.00	154 *	79%	\$308.00	0.00	\$0.00
73.	Adjusting Manhole Cover	EA	3	\$650.00	2	\$1,300.00	2 *	67%	\$1,300.00	0.00	\$0.00
74.	Adjusting Inlet casting	EA	3	\$200.00	2	\$400.00	2 *	67%	\$400.00	0.00	\$0.00
75.	Adjusting 5" Valve Box Covers	EA	7	\$250.00	2	\$500.00	2 *	29%	\$500.00	0.00	\$0.00
76.	Borrow Material (S.18th St)	CY	37	\$40.00	37	\$1,480.00	37 *	100%	\$1,480.00	0.00	\$0.00
77.	3" Pulverized Topsoil	SY	1160	\$11.25	1,245	\$14,006.25	1,245 *	107%	\$14,006.25	0.00	\$0.00
78.	Seed (Mixture No. 40), Fertilizer and Water	SY	529	\$3.00	116	\$348.00	116 *	22%	\$348.00	0.00	\$0.00
79.	Erosion Mat, Urban Class 1, Type A	SY	135	\$2.00	116	\$232.00	116 *	86%	\$232.00	0.00	\$0.00
80.	Sod, Fertilizer and Water	SY	1419	\$11.25	1,129	\$12,701.25	1,129 *	80%	\$12,701.25	0.00	\$0.00
81.	Pavement Marking, Epoxy 4-Inch	LF	2267	\$2.25	2,241	\$5,042.25	2,241 *	99%	\$5,042.25	0.00	\$0.00
82.	Pavement Marking Stop Line, Epoxy 18-Inch	LF	66	\$9.95	52	\$517.40	69 *	105%	\$686.55	17.00	\$169.15
83.	Pavement Marking, Railroad Crossing, Epoxy	EA	2	\$950.00	2	\$1,900.00	2 *	100%	\$1,900.00	0.00	\$0.00
84.	Pavement Marking, 6" Crosswalk, Epoxy	LF	86	\$3.35	0	\$0.00	67 *	78%	\$224.45	67.00	\$224.45
85.	Remove Storm Pipe	LF	414	\$13.60	402	\$5,467.20	402 *	97%	\$5,467.20	0.00	\$0.00
86.	Abandon Storm Pipe w/Slurry	LF	138	\$5.00	48	\$240.00	48 *	35%	\$240.00	0.00	\$0.00
87.	Remove Inlet	EA	15	\$300.00	15	\$4,500.00	15 *	100%	\$4,500.00	0.00	\$0.00
88.	Remove Storm Manhole	EA	4	\$600.00	4	\$2,400.00	4 *	100%	\$2,400.00	0.00	\$0.00
89.	Tap Box Culvert	EA	1	\$1,350.00	1	\$1,350.00	1 *	100%	\$1,350.00	0.00	\$0.00
90.	Furnish & Install 12" PVC Storm (SDR-35)	LF	836	\$54.26	833	\$45,198.58	833 *	100%	\$45,198.58	0.00	\$0.00
91.	Furnish & Install 15" PVC Storm (SDR-35)	LF	138	\$49.00	657	\$32,193.00	657 *	476%	\$32,193.00	0.00	\$0.00
92.	Furnish & Relay 15" PVC Storm (SDR-35)	LF	522	\$44.90	0	\$0.00	0 *	0%	\$0.00	0.00	\$0.00
93.	Furnish & Install 6" PVC Storm (SDR-35) Building Sewer	LF	191	\$33.60	184	\$6,182.40	184 *	96%	\$6,182.40	0.00	\$0.00
94.	Reconnect Storm Building Sewer	EA	4	\$300.00	4	\$1,200.00	4 *	100%	\$1,200.00	0.00	\$0.00
95.	Furnish & Install Type 3 Inlet (2'X3')	EA	19	\$1,250.00	19	\$23,750.00	19 *	100%	\$23,750.00	0.00	\$0.00
96.	Furnish & Install Standard Storm Manhole, Type 1	VF	30	\$500.00	31.66	\$15,830.00	31.66 *	106%	\$15,830.00	0.00	\$0.00
97.	Furnish & Install Type "H" Casting (R-3067-R) Diagonal, Storm	EA	19	\$650.00	20	\$13,000.00	20 *	105%	\$13,000.00	0.00	\$0.00
98.	Furnish & Install Type "J" Storm Casting (R-1550), non-rocking, open pick holes	EA	5	\$600.00	5	\$3,000.00	5 *	100%	\$3,000.00	0.00	\$0.00

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99.	Furnish & Install Type "J" Storm Casting (R-1050), non-rocking with gasket, concealed pick holes, labeled "STORM"	EA	4		4	\$2,400.00	4 *	100%	\$2,400.00	0.00	\$0.00
100.	Televiser Storm Sewer	EA	4	\$600.00					\$1,449.00	0.00	\$0.00
101.	Relay 8" Sanitary Sewer (PVC SDR-35)	LF	1045	\$1.50	966	\$1,449.00	966 *	92%	\$1,635.00	0.00	\$0.00
102.	Reconnect Sanitary Building Sewer	LF	16	\$109.00	15	\$1,635.00	15 *	94%	\$600.00	0.00	\$0.00
103.	Remove Sanitary Manhole	EA	2	\$300.00	2	\$600.00	2 *	100%	\$2,400.00	0.00	\$0.00
104.	Abandon Sanitary Manhole	EA	3	\$800.00	3	\$2,400.00	3 *	100%	\$0.00	0.00	\$0.00
105.	Furnish & Install Standard Sanitary Manhole, Type 1	EA	1	\$5,861.00	0	\$0.00	0 *	0%	\$8,630.00	0.00	\$0.00
106.	Furnish & Install Type "J" Sanitary Casting (R-1550-A) with "T" Gasket	VF	17	\$500.00	17.26	\$8,630.00	17.26 *	102%	\$8,360.00	0.00	\$0.00
107.	Trench Backfill (1-1/4 inch C.A.B.C.)	EA	11	\$760.00	11	\$8,360.00	11 *	100%	\$9,129.78	0.00	\$0.00
108.	Slurry Backfill - Sanitary	TON	1799	\$14.50	629.64	\$9,129.78	629.64 *	35%	\$13,750.00	0.00	\$0.00
109.	Televiser Sanitary Sewer	CY	80	\$250.00	55	\$13,750.00	55 *	69%	\$636.00	0.00	\$0.00
110.	Relocate New Water Service	LF	424	\$1.50	424	\$636.00	424 *	100%	\$2,400.00	0.00	\$0.00
111.	Adjusting Water Service Box	EA	2	\$1,200.00	2	\$2,400.00	2 *	100%	\$2,250.00	1.00	\$250.00
CO#2	Unclassified Excavation	EA	3	\$250.00	8	\$2,000.00	9 *	300%	\$1,875.50	0.00	\$0.00
CO#2	6" CABC	CY	135	\$15.50	121	\$1,875.50	121 *	90%	\$4,356.00	0.00	\$0.00
CO#3	Water Curb Stop Relocate & Replace	CY	809	\$6.00	726	\$4,356.00	726 *	90%	\$6,000.00	0.00	\$0.00
CO#3	Relay Sanitary lateral & locate	LS	1	\$6,000.00	1	\$6,000.00	1 *	100%	\$4,843.12	0.00	\$0.00
SUB-TOTAL FOR ITEMS 42-111 & CO's						\$955,288.58			\$955,932.18		\$643.60
TOTAL FOR CONTRACT WS-19-4						\$1,368,288.80			\$1,368,932.40		\$643.60
TOTAL PAYMENT					97.3%	\$1,331,912.29	100.0%		\$1,368,932.40	100.0%	\$37,020.11

NOTE: ASTERISK (*) DENOTES FINAL QUANTITY OR MEASUREMENT.

Prepared By: J.M.E. & G.M.

OK. to Pay J.M. 1/3/20

FINAL PAYMENT LIEN WAIVER

KNOW ALL MEN BY THESE PRESENTS that

WHEREAS, the undersigned Scott Skinkis, Highway Landscapers, Inc.

as General Contractor, entered into a Contract with the City of Manitowoc for the complete construction of 2019 Asphaltic Concrete Paving Contract WS-19-4

_____, and

WHEREAS, the undersigned has completed 100% of construction under the terms of the construction agreement,

NOW THEREFORE in consideration of final payment by the City of Manitowoc to the undersigned Highway Landscapers, Inc. the undersigned hereby waives and releases any and all liens, claims or rights to file any lien or liens to the extent of the payment above referred to against the City of Manitowoc, and

The undersigned further states that all wages, materials, social security taxes, withholding taxes, sales and use taxes, permits, sub-contractors and materialmen have been fully paid and discharged for all work performed; workmen's compensation and other insurance premiums and all taxes have been fully paid and discharged.

The undersigned further agrees to save harmless the City of Manitowoc from any matter or thing arising from the filing of claims or liens by any workman, sub-contractor or materialmen in connection with the work performed.

IN WITNESS WHEREOF, the General Contractor by its' authorized representative has caused this waiver to be signed.

This 2 day of January, 2020.

Highway Landscapers, Inc.

Contractor

Scott Skinkis

Scott Skinkis

Witness: Mary Skinkis

Mary Skinkis