

Vinton Construction Company  
CONTRACTOR

May 16, 2022  
DATE OF CONTRACT

August 19, 2022  
COMPLETION DATE

\$136,353.44  
AMOUNT OF CONTRACT

CO#1 (293.08)

Various locations

STREET

FROM - TO

TOTAL \$136,060.36

DESCRIPTION	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
	PREVIOUSLY COMPLETED	COST WORK PREVIOUSLY COMPLETED	COMPLETED TO DATE	COST WORK COMPLETED TO DATE	DIFFERENCE COLUMNS 1 & 3	DIFFERENCE COLUMNS 2 & 4
SEE COMPUTER PRINTOUT						
INVOICE # 22083.3A FINAL						
INVOICE DATE: 12/7/2022			FOR DETAILS			
TOTALS		\$125,000.42		\$136,060.36		\$11,059.94
PAYMENTS		\$121,591.58		\$136,060.36		\$14,468.78
AMOUNT DUE, FINAL PAYMENT						\$14,468.78

12-15-22  
Date filed with Secretary

Date approved by Board

AMOUNT RECOMMENDED

\$14,468.78

BOARD SIGNATURES

*[Handwritten signatures]*

*[Handwritten signature]*

Date Paid

Check No

Voucher No

Chg. 4300-32290-582320

Copy For

Council Board Voucher

*[Signature]* 12-15-22  
CITY ENGINEER

Contractor: Vinton Construction Company

CONTRACT AMOUNT: \$136,353.44  
 CHANGE ORDER #1-FINAL: (\$293.08)  
 \$136,060.36

CONTRACT DATE: May 16, 2022  
 COMPLETION DATE: August 19, 2022

ITEM NO.	ITEM DESCRIPTION	BID UNIT	QUANTITY	PRICE	QUANTITY PREVIOUS COMPLETED	COST WORK PREVIOUS COMPLETED	QUANTITY COMPLETED TO DATE	% OF WORK COMPLETED TO DATE	COST WORK COMPLETED TO DATE	QUANTITY DIFFERENCE	COST WORK DIFFERENCE
Maritime Drive by YMCA											
1.	Mobilization	LS	1	\$3,000.00	0.50	\$1,500.00	1.00	100%	\$3,000.00	0.50	\$1,500.00
2.	Traffic Control	LS	1	\$850.00	0.80	\$680.00	1.00	100%	\$850.00	0.20	\$170.00
3.	Unclassified Excavation (Incl. Pavement )	CY	43	\$0.01	25.00	\$0.25	43.00	100%	\$0.43	18.00	\$0.18
4.	8" Concrete Pavement, 7-Bag Mix	SY	109	\$86.60	71.5	\$6,191.90	106.0	97%	\$9,179.60	34.50	\$2,987.70
5.	6" Crushed Aggregate Base Course	SY	109	\$0.01	71.5	\$0.72	106.0	97%	\$1.06	34.50	\$0.34
6.	48" Concrete Curb & Gutter, Type A (Removed & Replaced) w/6" Gravel Base	LF	43	\$38.50	44.0	\$1,694.00	44.0	102%	\$1,694.00	0.00	\$0.00
7.	Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth	LF	199	\$3.00	199	\$597.00	199	100%	\$597.00	0.00	\$0.00
8.	Sawing Concrete Sidewalk or Driveway	LF	15	\$3.00	15	\$45.00	15	100%	\$45.00	0.00	\$0.00
9.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	80	\$8.50	47	\$399.50	80	100%	\$680.00	33.00	\$280.50
10.	1/2" Epoxy Coated Tie Bars for Sidewalk & Driveway (Includes Drilling)	EA	4	\$8.00	4	\$32.00	4	100%	\$32.00	0.00	\$0.00
11.	6" Concrete Sidewalk or Driveway (Removed & Replaced) w/ 2" Gravel Base	SF	367	\$10.00	352	\$3,520.00	353	96%	\$3,530.00	1.00	\$10.00
12.	Remove Inlet	EA	1	\$350.00	1	\$350.00	1	100%	\$350.00	0.00	\$0.00
13.	Furnish & Install Type 3 Inlet	EA	1	\$2,415.00	1	\$2,415.00	1	100%	\$2,415.00	0.00	\$0.00
14.	Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm	EA	1	\$995.00	1	\$995.00	1	100%	\$995.00	0.00	\$0.00
15.	Furnish and Install Trench Backfill	TON	5	\$20.00	0	\$0.00	0	0%	\$0.00	0.00	\$0.00
16.	Pavement Marking, 4 Inch, Epoxy	LF	71	\$27.50	0	\$0.00	53.5	75%	\$1,471.25	53.50	\$1,471.25
Subtotal Items 1-16										\$6,419.97	
Shorewood Boulevard & Fenway Terrace											
17.	Mobilization	LS	1	\$3,000.00	1	\$3,000.00	1	100%	\$3,000.00	0.00	\$0.00
18.	Traffic Control	LS	1	\$200.00	1	\$200.00	1	100%	\$200.00	0.00	\$0.00
19.	Unclassified Excavation (Incl. Pavement )	CY	7	\$0.01	0	\$0.00	7	100%	\$0.07	7.00	\$0.07
20.	7" Concrete Pavement W/Integral Curb, 6-Bag Mix	SY	15	\$85.00	15	\$1,275.00	15	100%	\$1,275.00	0.00	\$0.00
21.	6" Crushed Aggregate Base Course	SY	15	\$0.01	15	\$0.15	15	100%	\$0.15	0.00	\$0.00
22.	Sawing Existing Concrete Pavement, Full Depth	LF	34.00	\$5.00	35	\$175.00	35	103%	\$175.00	0.00	\$0.00
23.	Sawing Concrete Sidewalk or Driveway	LF	5	\$5.00	0	\$0.00	0	0%	\$0.00	0.00	\$0.00
24.	Remove Driveway Approach & Place 6" C.A.B.C.	SF	70	\$5.00	0	\$0.00	0	0%	\$0.00	0.00	\$0.00
25.	3" Pulverized Topsoil	SY	1	\$32.45	1	\$32.45	1	100%	\$32.45	0.00	\$0.00
26.	Seed, Fertilizer, and Water	SY	1	\$8.76	1.00	\$8.76	1.00	100%	\$8.76	0.00	\$0.00
27.	Erosion Mat, Urban Class 1, Type A	SY	1	\$9.32	1	\$9.32	1	100%	\$9.32	0.00	\$0.00
Subtotal Items 17-27										\$0.07	

Contractor: Vinton Construction Company

CONTRACT AMOUNT: \$136,353.44  
 CHANGE ORDER #1-FINAL: (\$293.08)  
 \$136,060.36

CONTRACT DATE: May 16, 2022  
 COMPLETION DATE: August 19, 2022

ITEM NO.	ITEM DESCRIPTION	UNIT	BID QUANTITY	UNIT PRICE	QUANTITY		COST WORK		QUANTITY		COST WORK	
					PREVIOUS COMPLETED	PREVIOUS COMPLETED	COMPLETED TO DATE	% OF WORK COMPLETED TO DATE	COMPLETED TO DATE	QUANTITY DIFFERENCE	COST WORK DIFFERENCE	
Division Street - S. 32nd Street to S. 35th Street												
28.	Mobilization	LS	1	\$9,000.00	1	\$9,000.00	1	100%	\$9,000.00	0.00	\$0.00	
29.	Traffic Control	LS	1	\$1,100.00	1	\$1,100.00	1	100%	\$1,100.00	0.00	\$0.00	
30.	Inlet Protection, Type D (Diaper)	EA	4	\$96.10	4	\$384.40	4	100%	\$384.40	0.00	\$0.00	
31.	Unclassified Excavation (Incl. Pavement)	CY	282	\$0.01	282.00	\$2.82	288.00	102%	\$2.88	6.00	\$0.06	
32.	7" Concrete Pavement W/Integral Curb, 7-Bag Mix	SY	766	\$75.49	781	\$58,957.69	781	102%	\$58,957.69	0.00	\$0.00	
33.	6" Crushed Aggregate Base Course	SY	781.00	\$0.01	796.00	\$7.96	796.00	102%	\$7.96	0.00	\$0.00	
34.	Sawing Existing Concrete Pavement, Full Depth	LF	698	\$2.50	705	\$1,762.50	705	101%	\$1,762.50	0.00	\$0.00	
35.	Sawing Concrete Sidewalk or Driveway	LF	35	\$5.00	32	\$160.00	32	91%	\$160.00	0.00	\$0.00	
36.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	279	\$8.50	256	\$2,176.00	256	92%	\$2,176.00	0.00	\$0.00	
37.	1/2" Epoxy Coated Tie Bars for Sidewalk & Driveway (Includes Drilling)	EA	14.00	\$8.00	4	\$32.00	4	29%	\$32.00	0.00	\$0.00	
38.	6" Concrete Sidewalk or Driveway (Removed & Replaced) w/ 2" Gravel Base	SF	281.00	\$8.00	247	\$1,976.00	249	89%	\$1,992.00	2.00	\$16.00	
39.	Detectable Warning Fields	SF	8	\$40.00	8	\$320.00	8	100%	\$320.00	0.00	\$0.00	
40.	Reconstruct Sanitary Manhole	VF	2.55	\$892.00	0.00	\$0.00	2.77	111%	\$2,470.84	2.77	\$2,470.84	
41.	Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket, 9" Height, Sanitary	EA	3.00	\$804.00	3.00	\$2,412.00	3.00	100%	\$2,412.00	0.00	\$0.00	
42.	Furnish & Install Type "J" Casting (R-1689), with "T" Gasket, 4" Height, Sanitary	EA	1.00	\$804.00	1.00	\$804.00	1.00	100%	\$804.00	0.00	\$0.00	
43.	Reconstruct Storm Manhole	VF	5.85	\$570.00	5.55	\$3,163.50	5.55	95%	\$3,163.50	0.00	\$0.00	
44.	Remove Inlet	EA	2	\$350.00	2	\$700.00	2	100%	\$700.00	0.00	\$0.00	
45.	Remove Storm Pipe	LF	25.00	\$25.00	15.00	\$375.00	15.00	60%	\$375.00	0.00	\$0.00	
46.	Furnish & Install Type 3 Inlet	EA	2	\$2,415.00	2	\$4,830.00	2	100%	\$4,830.00	0.00	\$0.00	
47.	Furnish & Install 12" PVC Pipe (SDR-35), Storm Sewer	LF	14	\$95.00	21	\$1,995.00	21	150%	\$1,995.00	0.00	\$0.00	
48.	Furnish & Install 24" Class II R.C.P. Pipe, Class II, Storm Sewer, Includes Conc. Collar	LF	16	\$210.00	8	\$1,680.00	8	50%	\$1,680.00	0.00	\$0.00	
49.	Furnish & Install Type "J" Casting (R-1550-A), Storm	EA	3	\$783.00	3	\$2,349.00	3	100%	\$2,349.00	0.00	\$0.00	
50.	Furnish & Install Type "H" Casting (R-3067-R Diagonal), Storm	EA	4	\$995.00	4	\$3,980.00	4	100%	\$3,980.00	0.00	\$0.00	
51.	Slurry Storm Pipe	LF	75	\$18.50	75	\$1,387.50	75	100%	\$1,387.50	0.00	\$0.00	
52.	Pour Inlet Floor	LS	1	\$350.00	0	\$0.00	1	100%	\$350.00	1.00	\$350.00	
53.	Mud Around Exist. Storm Pipe	LS	1	\$250.00	0	\$0.00	1	100%	\$250.00	1.00	\$250.00	
54.	Trench Backfill for Sanitary & Storm Sewer Work	TON	70	\$20.00	96.2	\$1,924.00	96.2	137%	\$1,924.00	0.00	\$0.00	
55.	Adjust Manhole Cover	EA	1	\$400.00	1	\$400.00	1	100%	\$400.00	0.00	\$0.00	
56.	3" Pulverized Topsoil	SY	30	\$9.47	0	\$0.00	100	333%	\$947.00	100.00	\$947.00	
57.	Seed, Fertilizer, and Water	SY	30	\$2.38	0	\$0.00	100	333%	\$238.00	100.00	\$238.00	
58.	Erosion Mat, Urban Class 1, Type A	SY	30	\$3.68	0	\$0.00	100	333%	\$368.00	100.00	\$368.00	
Subtotal Items 28-58											\$4,639.90	
TOTAL FOR CONTRACT WS-22-11					\$125,000.42	\$136,060.36	\$11,059.94					
TOTAL PAYMENT					95.0% \$121,591.58	100.0% \$136,060.36	100.0% \$14,468.78					

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

Prepared By: S.A.R. & J.M.E.

O.K. to Pay  
 S.A.R. 12/9/22





**VINTON CONSTRUCTION COMPANY**

An Equal Opportunity Employer  
2705 N. Rapids Rd.  
P.O. Box 1987  
Manitowoc, WI 54221-1987

(920) 682-0375  
Fax: (920) 682-2838

**Pay App Summary Sheet**

*OK  
SAH  
12-7-22*

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Department of Public Works  
City of Manitowoc  
900 Quay Street  
Manitowoc, WI 54220

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**RE:** Manitowoc Concrete Slab  
Project WS 22-11

**VCC#** 22083

**Invoice Date:** 12/7/2022

**Invoice #:** 22083.3A FINAL

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**(Pay App #3A FINAL Detail Attached)**

Total Project To Date: \$ 136,060.36  
5% Retainage to 50% of Contract: \$ -  
Less Previous Pay Requests: \$ 121,591.58  
**BALANCE DUE: \$ 14,468.78**

Unit Cost Breakdown

Project: Manitowoc WS 22-11 Concrete Slab

Contractor: Vinton Construction Company

Application Date: 12/07/22

Payment Application #: 3 FINAL

VCC Job# 22083

ITEM NO.	DESCRIPTION OF WORK	Scheduled-				Work Completed		Total Completed/Stored		Scheduled Vs. Actual	Percent Complete		
		Quantity	UOM	Unit Price	Amount	Previous Request		This Request				To Date	
						Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
<b>Maritime Drive by YMCA</b>													
1	Mobilization	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.50	\$ 1,500.00	0.50	\$ 1,500.00	1.00	\$ 3,000.00	\$ -	100.0%
2	Traffic Control	1.00	LS	\$ 850.00	\$ 850.00	0.80	\$ 680.00	0.20	\$ 170.00	1.00	\$ 850.00	\$ -	100.0%
3	Unclassified Excavation (Incl. Pavement )	43.00	CY	\$ 0.01	\$ 0.43	25.00	\$ 0.25	18.00	\$ 0.18	43.00	\$ 0.43	\$ -	100.0%
4	8" Concrete Pavement, 7-Bag Mix	109.00	SY	\$ 86.60	\$ 9,439.40	71.50	\$ 6,191.90	34.50	\$ 2,987.70	106.00	\$ 9,179.60	\$ 259.80	97.2%
5	6" Crushed Aggregate Base Course	109.00	SY	\$ 0.01	\$ 1.09	71.50	\$ 0.72	34.50	\$ 0.34	106.00	\$ 1.06	\$ 0.03	97.2%
6	48" Concrete Curb & Gutter, Type A (Removed & Replaced) w/6" Gravel Base	43.00	LF	\$ 38.50	\$ 1,655.50	44.00	\$ 1,694.00	-	\$ -	44.00	\$ 1,694.00	\$ (38.50)	102.3%
7	Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth	199.00	LF	\$ 3.00	\$ 597.00	199.00	\$ 597.00	-	\$ -	199.00	\$ 597.00	\$ -	100.0%
8	Sawing Concrete Sidewalk or Driveway	15.00	LF	\$ 3.00	\$ 45.00	15.00	\$ 45.00	-	\$ -	15.00	\$ 45.00	\$ -	100.0%
9	3/4" Epoxy Coated Tie Bars (Includes Drilling)	80.00	EA	\$ 8.50	\$ 680.00	47.00	\$ 399.50	33.00	\$ 280.50	80.00	\$ 680.00	\$ -	100.0%
10	1/2" Epoxy Coated Tie Bars for Sidewalk & Driveway (Includes Drilling)	4.00	EA	\$ 8.00	\$ 32.00	4.00	\$ 32.00	-	\$ -	4.00	\$ 32.00	\$ -	100.0%
11	6" Concrete Sidewalk or Driveway (Removed & Replaced) w/ 2" Gravel Base	367.00	SF	\$ 10.00	\$ 3,670.00	352.00	\$ 3,520.00	1.00	\$ 10.00	353.00	\$ 3,530.00	\$ 140.00	96.2%
12	Remove Inlet	1.00	EA	\$ 350.00	\$ 350.00	1.00	\$ 350.00	-	\$ -	1.00	\$ 350.00	\$ -	100.0%
13	Furnish & Install Type 3 Inlet	1.00	EA	\$ 2,415.00	\$ 2,415.00	1.00	\$ 2,415.00	-	\$ -	1.00	\$ 2,415.00	\$ -	100.0%
14	Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm	1.00	EA	\$ 995.00	\$ 995.00	1.00	\$ 995.00	-	\$ -	1.00	\$ 995.00	\$ -	100.0%
15	Furnish and Install Trench Backfill	5.00	TON	\$ 20.00	\$ 100.00	-	\$ -	-	\$ -	-	\$ -	\$ 100.00	0.0%
16	Pavement Marking, 4 Inch, Epoxy	71.00	LF	\$ 27.50	\$ 1,952.50	-	\$ -	53.50	\$ 1,471.25	53.50	\$ 1,471.25	\$ 481.25	75.4%
<b>Shorewood Boulevard &amp; Fenway Terrace</b>													
17	Mobilization	1.00	LS	\$ 3,000.00	\$ 3,000.00	1.00	\$ 3,000.00	-	\$ -	1.00	\$ 3,000.00	\$ -	100.0%
18	Traffic Control	1.00	LS	\$ 200.00	\$ 200.00	1.00	\$ 200.00	-	\$ -	1.00	\$ 200.00	\$ -	100.0%
19	Unclassified Excavation (Incl. Pavement )	7.00	CY	\$ 0.01	\$ 0.07	-	\$ -	7.00	\$ 0.07	7.00	\$ 0.07	\$ -	100.0%
20	7" Concrete Pavement W/Integral Curb, 6-Bag Mix	15.00	SY	\$ 85.00	\$ 1,275.00	15.00	\$ 1,275.00	-	\$ -	15.00	\$ 1,275.00	\$ -	100.0%
21	6" Crushed Aggregate Base Course	15.00	SY	\$ 0.01	\$ 0.15	15.00	\$ 0.15	-	\$ -	15.00	\$ 0.15	\$ -	100.0%
22	Sawing Existing Concrete Pavement, Full Depth	34.00	LF	\$ 5.00	\$ 170.00	35.00	\$ 175.00	-	\$ -	35.00	\$ 175.00	\$ (5.00)	102.9%
23	Sawing Concrete Sidewalk or Driveway	5.00	LF	\$ 5.00	\$ 25.00	-	\$ -	-	\$ -	-	\$ -	\$ 25.00	0.0%

Unit Cost Breakdown

Project: Manitowoc WS 22-11 Concrete Slab

Contractor: Vinton Construction Company

Application Date: 12/07/22

VCC Job# 22083

Payment Application #: 3 FINAL

ITEM NO.	DESCRIPTION OF WORK	Scheduled-				Work Completed Previous Request		This Request		Total Completed/Stored To Date		Scheduled Vs. Actual	Percent Complete
		Quantity	UOM	Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Add(Deduct)	
24	Remove Driveway Approach & Place 6" C.A.B.C.	70.00	SF	\$ 5.00	\$ 350.00	-	\$ -	-	\$ -	-	\$ -	\$ 350.00	0.0%
25	3" Pulverized Topsoil	1.00	SY	\$ 32.45	\$ 32.45	1.00	\$ 32.45	-	\$ -	1.00	\$ 32.45	\$ -	100.0%
26	Seed, Fertilizer, and Water	1.00	SY	\$ 8.76	\$ 8.76	1.00	\$ 8.76	-	\$ -	1.00	\$ 8.76	\$ -	100.0%
27	Erosion Mat, Urban Class 1, Type A	1.00	SY	\$ 9.32	\$ 9.32	1.00	\$ 9.32	-	\$ -	1.00	\$ 9.32	\$ -	100.0%
<b>Division Street - S. 32nd to S. 35th Street</b>													
28	Mobilization	1.00	LS	\$ 9,000.00	\$ 9,000.00	1.00	\$ 9,000.00	-	\$ -	1.00	\$ 9,000.00	\$ -	100.0%
29	Traffic Control	1.00	LS	\$ 1,100.00	\$ 1,100.00	1.00	\$ 1,100.00	-	\$ -	1.00	\$ 1,100.00	\$ -	100.0%
30	Inlet Protection, Type D (Diaper)	4.00	EA	\$ 96.10	\$ 384.40	4.00	\$ 384.40	-	\$ -	4.00	\$ 384.40	\$ -	100.0%
31	Unclassified Excavation (Incl. Pavement )	282.00	CY	\$ 0.01	\$ 2.82	282.00	\$ 2.82	6.00	\$ 0.06	288.00	\$ 2.88	\$ (0.06)	102.1%
32	7" Concrete Pavement W/Integral Curb, 7-Bag Mix	766.00	SY	\$ 75.49	\$ 57,825.34	781.00	\$ 58,957.69	-	\$ -	781.00	\$ 58,957.69	\$ (1,132.35)	102.0%
33	6" Crushed Aggregate Base Course	781.00	SY	\$ 0.01	\$ 7.81	796.00	\$ 7.96	-	\$ -	796.00	\$ 7.96	\$ (0.15)	101.9%
34	Sawing Existing Concrete Pavement, Full Depth	698.00	LF	\$ 2.50	\$ 1,745.00	705.00	\$ 1,762.50	-	\$ -	705.00	\$ 1,762.50	\$ (17.50)	101.0%
35	Sawing Concrete Sidewalk or Driveway	35.00	LF	\$ 5.00	\$ 175.00	32.00	\$ 160.00	-	\$ -	32.00	\$ 160.00	\$ 15.00	91.4%
36	3/4" Epoxy Coated Tie Bars (Includes Drilling)	279.00	EA	\$ 8.50	\$ 2,371.50	256.00	\$ 2,176.00	-	\$ -	256.00	\$ 2,176.00	\$ 195.50	91.8%
37	1/2" Epoxy Coated Tie Bars for Sidewalk & Driveway (Includes Drilling)	14.00	EA	\$ 8.00	\$ 112.00	4.00	\$ 32.00	-	\$ -	4.00	\$ 32.00	\$ 80.00	28.6%
38	6" Concrete Sidewalk or Driveway (Removed & Replaced) w/ 2" Gravel Base	281.00	SF	\$ 8.00	\$ 2,248.00	247.00	\$ 1,976.00	2.00	\$ 16.00	249.00	\$ 1,992.00	\$ 256.00	88.6%
39	Detectable Warning Fields	8.00	SF	\$ 40.00	\$ 320.00	8.00	\$ 320.00	-	\$ -	8.00	\$ 320.00	\$ -	100.0%
40	Reconstruct Sanitary Manhole	2.50	VF	\$ 892.00	\$ 2,230.00	-	\$ -	2.77	\$ 2,470.84	2.77	\$ 2,470.84	\$ (240.84)	110.8%
41	Furnish & Install Type "J" Casting (R-1550 A), with "T" Gasket, 9" Height, Sanitary	3.00	EA	\$ 804.00	\$ 2,412.00	3.00	\$ 2,412.00	-	\$ -	3.00	\$ 2,412.00	\$ -	100.0%
42	Furnish & Install Type "J" Casting (R-1689), with "T" Gasket, 4" Height, Sanitary	1.00	EA	\$ 804.00	\$ 804.00	1.00	\$ 804.00	-	\$ -	1.00	\$ 804.00	\$ -	100.0%
43	Reconstruct Storm Manhole	5.85	VF	\$ 570.00	\$ 3,334.50	5.55	\$ 3,163.50	-	\$ -	5.55	\$ 3,163.50	\$ 171.00	94.9%
44	Remove Inlet	2.00	EA	\$ 350.00	\$ 700.00	2.00	\$ 700.00	-	\$ -	2.00	\$ 700.00	\$ -	100.0%
45	Remove Storm Pipe	25.00	LF	\$ 25.00	\$ 625.00	15.00	\$ 375.00	-	\$ -	15.00	\$ 375.00	\$ 250.00	60.0%
46	Furnish & Install Type 3 Inlet	2.00	EA	\$ 2,415.00	\$ 4,830.00	2.00	\$ 4,830.00	-	\$ -	2.00	\$ 4,830.00	\$ -	100.0%
47	Furnish & Install 12" PVC Pipe (SDR-35), Storm Sewer	14.00	LF	\$ 95.00	\$ 1,330.00	21.00	\$ 1,995.00	-	\$ -	21.00	\$ 1,995.00	\$ (665.00)	150.0%



FINAL QUANTITIES

F O R

2022 CONCRETE SLAB REPLACEMENT

\*\*\*\*\*

Rev. 8/5/2022  
By: S.A.H.

Rev. 12/8/2022

CITY OF MANITOWOC CONTRACT NO. MS-22-11

ITEM NO.	ITEM DESCRIPTION	UNITS	BID QUANTITY	FINAL QUANTITY	COMMENTS
1.	Mobilization	LS	1	1	
2.	Traffic Control	LS	1	1	
3.	Unclassified Excavation (Incl. Pavement)	CY	43	43	
4.	8" Concrete Pavement, 7-Bag Mix	SY	109	106	
5.	6" Crushed Aggregate Base Course	SY	109	106	
6.	48" Concrete Curb & Gutter, Type A (Removed & Replaced) w/6" Gravel Base	LF	43	44	
7.	Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth	LF	199	199	
8.	Sawing Concrete Sidewalk or Driveway	LF	15	15	
9.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	80	80	
10.	1/2" Epoxy Coated Tie Bars for Sidewalk & Driveway (Includes Drilling)	EA	4	4	
11.	6" Concrete Sidewalk or Driveway (Removed & Replaced) w/2" Gravel Base	SF	367	353	
12.	Remove Inlet	EA	1	1	
13.	Furnish & Install Type 3 Inlet	EA	1	1	
14.	Furnish & Install Type "B" Casting (R-3067-R), Diagonal, Storm	EA	1	1	
15.	Furnish and Install Trench Backfill	TON	5	0	
16.	Pavement Marking, 4 Inch, Epoxy	LF	71	53.5	
Extra 7 LF of 12" Storm Pipe @ \$95 (add to Division St. Estimate)					
Extra 11 SF of Topsoil, Seed, E-mat (add to Division St. Estimate)					
OK'd by Shane of Signature					
Shorewood Boulevard & Fenway Terrace					
17.	Mobilization	LS	1	1	
18.	Traffic Control	LS	1	1	
19.	Unclassified Excavation (Incl. Pavement)	CY	7	7	
20.	7" Concrete Pavement w/Integral Curb, 6-Bag Mix	SY	15	15	
21.	6" Crushed Aggregate Base Course	SY	15	15	
22.	Sawing Existing Concrete Pavement, Full Depth	LF	34	35	
23.	Sawing Concrete Sidewalk or Driveway	LF	5	0	Private work done
24.	Remove Driveway Approach & Place 6" C.A.B.C.	SF	70	0	Private work done
25.	3" Pulverized Topsoil	SY	1	1	
26.	Seed, Fertilizer, and Water	SY	1	1	
27.	Erosion Mat, Urban Class 1, Type A	SY	1	1	



FINAL QUANTITIES  
F O R  
2022 CONCRETE SLAB REPLACEMENT

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CITY OF MANITOWOC CONTRACT NO. WS-22-11

ITEM NO.	ITEM DESCRIPTION	UNITS	BID QUANTITY	FINAL QUANTITY	COMMENTS
Division Street - S. 32nd to S. 35th Street					
28.	Mobilization	LS	1	1	
29.	Traffic Control	LS	1	1	
30.	Inlet Protection, Type D (Diaper)	EA	4	4	
31.	Unclassified Excavation (Incl. Pavement )	CY	282	288	
32.	7" Concrete Pavement W/Integral Curb, 7-Bag Mix	SY	766	781	
33.	6" Crushed Aggregate Base Course	SY	781	796	
34.	Sawing Existing Concrete Pavement, Full Depth	LF	698	705	
35.	Sawing Concrete Sidewalk or Driveway	LF	35	32	
36.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	279	256	
37.	1/2" Epoxy Coated Tie Bars for Sidewalk & Driveway (Includes Drilling)	EA	14	4	
38.	6" Concrete Sidewalk or Driveway (Removed & Replaced) w/ 2" Gravel Base	SF	281	249	Added 2 SF 12-5-2022
39.	Detectable Warning Fields	SF	8	8	
40.	Reconstruct Sanitary Manhole	VF	2.50	2.77	
41.	Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket, 9" Height, Sanitary	EA	3	3	
42.	Furnish & Install Type "J" Casting (R-1689), with "T" Gasket, 4" Height, Sanitary	EA	1	1	
43.	Reconstruct Storm Manhole	VF	5.85	5.55	
44.	Remove Inlet	EA	2	2	
45.	Remove Storm Pipe	LF	25	15	
46.	Furnish & Install Type 3 Inlet	EA	2	2	
47.	Furnish & Install 12" PVC Pipe (SDR-35), Storm Sewer	LF	14	21	Includes 7 feet @ YMCA
48.	Furnish & Install 24" Class II R.C.P. Pipe, Class II, Storm Sewer, Includes Conc. Collar	LF	16	8	
49.	Furnish & Install Type "J" Casting (R-1550-A), Storm	EA	3	3	
50.	Furnish & Install Type "H" Casting (R-3067-R Diagonal), Storm	EA	4	4	
51.	Slurry Storm Pipe	LF	75	75	
52.	Pour Inlet Floor	LS	1	1	
53.	Mud Around Exist. Storm Pipe	LS	1	1	
54.	Trench Backfill for Sanitary & Storm Sewer Work	TON	70	96.2	
55.	Adjust Manhole Cover	EA	1	1	
56.	3" Pulverized Topsoil	SY	30	100	Includes 11 SY from YMCA
57.	Seed, Fertilizer, and Water	SY	30	100	Includes 11 SY from YMCA
58.	Erosion Mat, Urban Class 1, Type A	SY	30	100	Includes 11 SY from YMCA