TO BOARD OF PUBLIC WORKS City Engineer's Estimates For WS-21-1 2021 CONCRETE PAVING November 17, 2021 May 21, 2021 March 15, 2021 \$385,283.61 Vinton Construction \$8,875.60 CO#1 CO#2F \$3,491.09 Quay Street S. 6th to S. 8th Street & Slab Replacements FROM - TO \$397,650.30 TTL NO. 5 NO. 6 NO. 3 NO. 4 NO. 1 NO. 2 DIFFERENCE **COST WORK** DIFFERENCE DESCRIPTION **PREVIOUSLY** COST WORK COMPLETED COMPLETED TO **PREVIOUSLY** COLUMNS 1 & 3 COLUMNS 2&4 COMPLETED DATE COMPLETED TO DATE Date approved by Board AMOUNT RECOMMENDED \$20,316.42 SEE COMPUTER PRINTOUT INVOICE #: 21048.5 BOARD SIGNATURES INVOICE DATE: 11/10/2021 FOR DETAILS Date Paid 11-19-2021 Check No. 130752 \$397,650.30 \$386,965.97 \$10,684.33 chg. 4300-32290-582320-Concr \$18,766.73 TOTALS \$397,650.30 \$377,333.88 \$20,316.42 4200-32320-582500-Storm PAYMENTS (97%) \$660.25 AMOUNT DUE, FINAL PAYMENT \$20,316.42 6300-71100-582600-Sanitary \$889.44 \$20,316.42 Total Copy For Council Board Voucher

CITY OF MANITOWOC CONTE

CONTRACT NO. WS-21-1

PAY ESTIMATE NO.: 5-FINAL DATE: November 17, 2021

CONTRACT DATE: March 15, 2021

COMPLETION DATE: May 21, 2021

Contractor: Vinton Construction Company CONTRACT AMOUNT:

CHANGE ORDER #1:

\$385,283.61 \$8,875.60

CHANGE ORDER #2-FINAL:

\$3,491.09

\$397,650.30

ITEM NO.			BID QUANTITY	UNIT 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
Concre	te Paving - Reconstruction Quay St S. 6th to S.		•				,				
1.	Mobilization	LS	1	\$10,000.00	1.00	\$10,000.00	1.00	100%	\$10,000.00	0.00	\$0.00
2.	Traffic Control	LS	1	\$2,500.00	1.00	\$2,500.00	1.00	100%	\$2,500.00	0.00	\$0.00
3.	Inlet Protection, Type D (Diaper)	EA	8	\$87.20	8.00	\$697.60	8.00	100%	\$697.60	0.00	\$0.00
4.	Unclassified Excavation (Incl. Pavement )	CY	2,120	\$13.75	2,084	\$28,655.00	2,084	98%	\$28,655.00	0.00	\$0.00
5.	Remove Concrete Base	EA	1	\$150.00	2	\$300.00	2 1	200%	\$300.00	0.00	\$0.00
6.	9" Concrete Pavement (Doweled)	SY	3,060	\$43.65	3,096.0	\$135,140.40	3,096.0	101%	\$135,140.40	0.00	\$0.00
7.	8" Crushed Aggregate Base Course	SY	3,223	\$4.90	3,141	\$15,390.90	3,141	97%	\$15,390.90	0.00	\$0.00
8.	8" Breaker Run Stone Material	SY	3,053	\$5.25	2,971	\$15,597.75	2,971	97%	\$15,597.75	0.00	\$0.00
9.	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	331	\$6.00	340	\$2,040.00	340	103%	\$2,040.00	0.00	\$0.00
10.	1-1/4" Epoxy Coated Dowel Bars (Includes Drilling)	EA	56	\$12.00	52	\$624.00	52	93%	\$624.00	0.00	\$0.00
11.	Sawing Existing Sidewalk/Driveway	LF	102	\$2.00	90	\$180.00	90	888	\$180.00	0.00	\$0.00
12.	Sawing Concrete or Aspahlt Pavement, Full Depth	LF	1,102	\$2.00	1,060	\$2,120.00	1,060	96%	\$2,120.00	0.00	\$0.00
13.	30" Concrete Curb & Gutter, Type "A", 8" Thick (Removed and Replaced)	LF	450	\$21.60	471	\$10,173.60	474	105%	\$10,238.40	3.00	\$64.80
14.	30" Mountable Concrete Curb & Gutter, Type "A", 8" Thick (Removed and Replaced)	LF	40	\$21.60	10	\$216.00	10	25%	\$216.00	0.00	\$0.00
15.	6" Concrete Sidewalk & Driveway (Removed & Replaced)		127	\$6.50	775	\$5,037.50	775	610%	\$5,037.50	0.00	\$0.00
16.	8" Congrete Sidewalk & Driveway (Removed &		1,096	\$6.50	1,118	\$7,267.00	1,118	102%	\$7,267.00	0.00	\$0.00
17.	Detectable Warning Fields	SF	16	\$28.00	16	\$448.00	16	100%	\$448.00	0.00	\$0.00
18.	4" H.M.A. Pavement, Type 4LT 58-28S (Rem and Repl)	SY	36	\$75.00	0	\$0.00	0	08	\$0.00	0.00	\$0.00
19.	3" Pulverized Topsoil	SY	210	\$4.60	214	\$984.40	214	102%	\$984.40	0.00	\$0.00
20.	Seed, Fertilizer, and Water	SY	210	\$0.27	214	\$57.78	214	102%	\$57.78	0.00	\$0.00
21.	Erosion Mat, Urban Classl, Type A	SY	210	\$2.00	214	\$428.00	214	102%	\$428.00	0.00	\$0.00
22.	Pavement Marking, 4-Inch, Epoxy	LF	62.00	\$2.50	114	\$285.00	114	184%	\$285.00	0.00	\$0.00
23.	Pavement Marking, 12-Inch Crosswalk, Epoxy	LF	84	\$9.50	76	\$722.00	76	90%	\$722.00	0.00	\$0.00
24.	Pavement Marking, Crosswalk, 24-Inch Bars, Alternate, Epoxy	LF	81	\$15.75	81	\$1,275.75	81	100%	\$1,275.75	0.00	\$0.00
25.	Pavement Marking, Handicap Symbol (2' X 2.5'), Epoxy, White	EA	2	\$135.00	2	\$270.00	2	100%	\$270.00	0.00	\$0.00
26.	Pavement Marking, Symbol, Bike Shared Lane, Epoxy	EA	4	\$285.00	4.00	\$1,140.00	4.00	100%	\$1,140.00	0.00	\$0.00
27.	Pavement Marking, Parking Stall, 4-Inch, Epoxy	LF	479	\$7.25	479	\$3,472.75	479	100%	\$3,472.75	0.00	\$0.00
	Sub-Total Items 1-27					\$245,023.43			\$245,088.23		\$64.80

Contractor: Vinton Construction Company

CITY OF MANITOWOC

CONTRACT NO. WS-21-1

PAY ESTIMATE NO.: 5-FINAL DATE: November 17, 2021

CONTRACT DATE: March 15, 2021

COMPLETION DATE: May 21, 2021

CONTRACT AMOUNT:

\$385,283.61 CHANGE ORDER #1:

\$8,875.60

CHANGE ORDER #2-FINAL:

\$3,491.09

\$397,650.30

					QUANTITY	COST WORK	QUANTITY	% OF WORK	COST WORK		
ITEM			BID	UNIT	PREVIOUS	PREVIOUS	COMPLETED	COMPLETED	COMPLETED	QUANTITY	COST WORK
NO.	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	COMPLETED	COMPLETED	TO DATE	TO DATE	TO DATE	DIFFERENCE	DIFFERENCE
Storm S	Sewer - Quay Street - S. 6th to S. 8th										
28.	Removing Existing Storm Sewer Pipe	LF	110	\$2.00	111	\$222.00	111	* 101%	\$222.00	0.00	\$0.00
29.	Removing Storm Manhole	EA	1	\$500.00	. 1	\$500.00	1	* 100%	\$500.00	0.00	\$0.00
30.	Adjust Exist Inlet Cover	EA	3	\$300.00	3	\$900.00	3	* 100%	\$900.00	0.00	\$0.00
31.	Adjust Exist Manhole Cover	EA	1	\$300.00	1.0	\$300.00	1.0	* 100%	\$300.00	0.00	\$0.00
32.	Furnish & Install 12" PVC Pipe (SDR-35), Storm	LF	150	\$50.40	144	\$7,257.60	144	* 96%	\$7,257.60	0.00	\$0.00
33.	Furnish & Install Standard Manhole, Type 7	VF	5.39	\$930.00	0.00	\$0.00	0.00	* 08	\$0.00	0.00	\$0.00
34.	Furnish & Install Type 3 Inlet	EA	2	\$1,370.00	2	\$2,740.00	2	* 100%	\$2,740.00	0.00	\$0.00
35.	Furnish & Install Type "J" Casting (R-1550-A), Storm	EA	2	\$432.00	2	\$864.00	2	* 100%	\$864.00	0.00	\$0.00
36.	Furnish & Install Type "H" Casting (R-3067-R Diagonal), Storm	EA	2	\$615.00	2	\$1,230.00	2	* 100%	\$1,230.00	0.00	\$0.00
37.	Furnish and Install Trench Backfill	TON	60.00	\$0.01	40	\$0.40	40	* 67%	\$0.40	0.00	\$0.00
38.	Televise Storm Sewer Mains	LF	150.00	\$3.00	145	\$435.00	145	* 97 <b>%</b>	\$435.00	0.00	\$0.00
	Sub-Total Items 28-38					\$14,449.00	· · · · · · · · · · · · · · · · · · ·		\$14,449.00		\$0.00
Sanitar	ry Sewer - Quay Street - S. 6th to S. 8th										
39.	Removing Sanitary Manhole	EA	2	\$750.00	2	\$1,500.00	2	* 100%	\$1,500.00	0.00	\$0.00
40.	Furnish & Install Standard Manhole, Type 1	VF	8.64	\$558.00	8.37	\$4,670.46	8.37	* 97 <b>%</b>	\$4,670.46	0.00	\$0.00
41.	Furnish & Install Non-Standard Manhole, Type 7, 5' Diameter	VF	11.27	\$953.00	11.56	\$11,016.68	11.56	* 103%	\$11,016.68	0.00	\$0.00
42.	Furnish & Install Outside Drop Manhole	VF	3.01	\$528.00	3.60	\$1,900.80	3.60	* 120%	\$1,900.80	0.00	\$0.00
43.	Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket		4	\$450.00	4	\$1,800.00	4	* 100%	\$1,800.00	0.00	\$0.00
44.	Furnish and Install Trench Backfill	TON	100	\$0.01	162	\$1.62	162	* 162%	\$1.62	0.00	\$0.00
	Sub-Total Items 39-44			•	•	\$20,889.56			\$20,889.56		\$0.00
ater (	Electrical Items -Quay St S. 6th to S. 8th										
45.	Adjusting 5" Valve Box Cover	EA	4.00	\$200.00	4	\$800.00	4.00	* 100%	\$800.00	0.00	\$0.00
46.	Adjusting Electrical Manhole Cover	EA	1	\$500.00	1	\$500.00	1	* 100%	\$500.00	0.00	\$0.00
	Sub-Total Items 45-46					\$1,300.00			\$1,300.00		\$0.00
Concret	ce Slab Replacement - Magnolia Avenue										
47.	Mobilization	LS	1	\$5,000.00	1.0	\$5,000.00	1.0	* 100%	\$5,000.00	0.00	\$0.00
48.	Traffic Control	LS	1	\$750.00	1.0	\$750.00	1.0	* 100%	\$750.00	0.00	\$0.00
49.	Inlet Protection, Type D (Diaper)	EA	4	\$87.20	4	\$348.80	4	* 100%	\$348.80	0.00	\$0.00
50.	Remove Railroad Tracks	LS	1	\$2,000.00	1	\$2,000.00	1	* 100%	\$2,000.00	0.00	\$0.00
51.	Unclassified Excavation (Incl. Pavement )	CY	312	\$0.01	360	\$3.60	360	* 115%	\$3.60	0.00	\$0.00

CITY OF MANITOWOO CONTRACT NO. WS-21-1

Contractor: Vinton Construction Company

CONTRACT AMOUNT: \$385.283.61

CHANGE ORDER #1:

\$8.875.60

CHANGE ORDER #2-FINAL

\$3,491.09

\$397,650,30

OUANTITY COST WORK OUANTITY % OF WORK COST WORK ITEM BID UNIT **PREVIOUS PREVIOUS** COMPLETED COMPLETED COMPLETED COST WORK OUANTITY NO. ITEM DESCRIPTION UNIT OUANTITY PRICE COMPLETED COMPLETED TO DATE TO DATE TO DATE DIFFERENCE DIFFERENCE 743 743 \$47,247.37 52. 8" Concrete Pavement w/Integral Curb, 7-bag H.E \$63.59 910 1228 \$57,866.90 167.00 \$10,619.53 760 SY \$0.01 920 \$9.20 920 1218 53. 6" Crushed Aggregate Base Course \$9.20 0.00 \$0.00 \$977.50 391 \$977.50 54. 391 2819 0.00 \$0.00 139 \$2.50 Sawing Concrete or Asphalt Pavement, Full Depth 10 10 \$30.00 1008 \$30.00 0.00 \$0.00 Sawing Existing Sidewalk/Driveway 10 \$3.00 56. 128 \$768.00 128 119% \$768.00 108 0.00 \$0.00 3/4" Epoxy Coated Tie Bars (Includes Drilling) \$6.00 6" Concrete Sidewalk & Driveway (Removed & 57. \$0.00 0.00 \$0.00 Replaced) SE 107 \$7.50 277 \$2,077.50 277 55% \$2,077.50 58. New 6" Concrete Sidewalk & Driveway SF 501 \$7.50 0.00 \$0.00 Furnish & Install Type "J" Casting (R-1550-A) \$450.00 1009 \$450.00 0.00 \$0.00 with "T" Gasket \$450.00 2 2 \$600.00 100% \$600.00 0.00 \$0.00 Adjust Manhole Cover EA \$300.00 \$1,200,00 61. Adjust Inlet Cover \$300.00 100% \$1,200.00 0.00 \$0.00 EA 185 327 327 62. \$4.60 \$1,504.20 1779 3" Pulverized Topsoil SY \$1,504.20 0.00 \$0.00 Seed (#40), Fertilizer and Water 185 \$0.27 327 \$88.29 327 177% \$88.29 0.00 \$0.00 SY 64 Erosion Mat, Urban, Class I, Type A 185 \$2.00 327 \$654.00 327 177% \$654.00 SY 0.00 \$0.00 65. Eradicate Railroad Crossing Symbol \$850.00 \$1,700.00 1009 \$1,700.00 0.00 SO.00 EA 66. LF 244 \$2.50 276 \$690.00 276 113% \$690.00 0.00 \$0.00 Pavement Marking 4-Inch, Epoxy Sub-Total Items 47-66 \$66,098.46 \$76,717.99 \$10,619.53 Concrete Slab Replacement - Nagle Avenue Mobilization \$5,000.00 \$5,000.00 100% \$5,000.00 0.00 \$0.00 Traffic Control T.S \$750.00 1 \$750.00 68. 1 \$750.00 100% 0.00 \$0.00 69. Inlet Protection, Type D EA \$87.20 \$261.60 150% \$261.60 0.00 \$0.00 70. LS \$2,000.00 \$2,000.00 1 100% \$2,000.00 Remove Railroad Tracks 0.00 \$0.00 126 72 72 71. Unclassified Excavation (Incl. Pavement ) CY SO.01 \$0.72 57% \$0.72 0.00 \$0.00 323 \$60.84 323 \$19,651.32 323 72. 7" Concrete Pavement w/Integral Curb, 7-bag H.E SY 100% \$19,651,32 0.00 \$0.00 73. 333 \$0.01 78 78 6" Crushed Aggregate Base Course SY \$0.78 239 \$0.78 0.00 \$0.00 271 \$677.50 271 100% \$677.50 74. 270 \$2.50 0.00 \$0.00 Sawing Concrete or Asphalt Pavement, Full Depth LF \$0.00 75. ٥ ol 0% SO.00 0.00 \$0.00 Sawing Existing Sidewalk/Driveway 20 \$3.00 108 \$6.00 108 \$648.00 108 100% \$648.00 0.00 \$0.00 3/4" Epoxy Coated Tie Bars (Includes Drilling) EΑ 6" Concrete Sidewalk & Driveway (Removed & 77. 215 \$1,612.50 215 \$1,612.50 101% 0.00 \$0.00 Replaced) SF 213 \$7.50 159 \$1,192.50 159 99% \$1,192.50 0.00 \$0.00 New 6" Concrete Sidewalk & Driveway SF 160 \$7.50 Furnish and Install Type J Casting, Storm, (R-\$432.00 100% \$432.00 0.00 \$0.00 1550-A) w/2 Open Pick Holes, Locking Cover EA \$432.00 \$300.00 100% \$300.00 0.00 \$0.00 EA \$300.00 Adjust Manhole Cover 3" Pulverized Topsoil SY 116 \$4.60 130 \$598.00 130 112% \$598.00 0.00 \$0.00 82. Seed (#40), Fertilizer and Water 116 \$4.60 130 \$598.00 130 112% \$598.00 0.00 \$0.00 SY Erosion Mat, Urban, Class I, Type A \$2.00 130 \$260.00 130 112% \$260.00 0.00 \$0.00 SY

PAY ESTIMATE NO.: 5-FINAL

DATE: November 17, 2021

CONTRACT DATE: March 15, 2021 COMPLETION DATE: May 21, 2021 FINAL PAYMENT LIEN WAIVER

KNOWN ALL MEN BY THESE PRESENTS that

WHEREAS, the undersigned Vinton Construction Company as prime contractor,

entered into a Contract with the City of Manitowoc, for the complete construction of the

WS-21-1 -- 2021 Concrete Paving I & Concrete Slab project in the City of Manitowoc,

WI, 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 Vinton Construction Company, the undersigned hereby

waives and releases any and all liens, claims or rights to file a lien or liens to the extent of

the payment above referred to against the City of Manitowoc.

The undersigned further states that all wages, materials, social security taxes,

withholding taxes, sales and use taxes, permits, subcontractors and material men 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, subcontractor

or material men in connection with the work performed.

IN WITNESS WHEREOF, the contractor by its' authorized representatives has

caused this waiver to be signed.

This 9th day of November, 2021.

Joyce Corenela

Vinton Construction Company - SONPRACTOR

Witness

SUBCONTRACTOR - FINAL PAYMENT LIEN WAIVER

KNOWN ALL MEN BY THESE PRESENTS that

WHEREAS, the undersigned, Brickline, Inc., as subcontractor, entered into a

Contract with Vinton Construction Company for the complete construction of the WS-21-

1 - 2021 Concrete Paving I & Concrete Slab project in the City of Manitowoc, WI and

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

the construction agreement,

NOW THEREFORE in consideration of final payment by Vinton Construction

Company to the undersigned, Brickline, 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 Vinton Construction Company, and

The undersigned further states that all wages, materials, social security taxes,

withholding taxes, sales and use taxes, permits, subcontractors and material men 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 Vinton Construction Company

from any matter or thing arising from the filing of claims or liens by any workman, sub-

contractor or material men in connection with the work performed.

IN WITNESS WHEREOF, the subcontractor by its' authorized representative has

caused this waiver to be signed.

This 10471 day of NOVEMBEY, 2003

Form 530

### SUBCONTRACTOR - FINAL PAYMENT LIEN WAIVER

KNOWN ALL MEN BY THESE PRESENTS that

WHEREAS, the undersigned, Signature Landscapes LLC, as subcontractor, entered into a Contract with Vinton Construction Company for the complete construction of the WS-21-1 -- 2021 Concrete Paving I & Concrete Slab project in the City of Manitowoc, WI and

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

NOW THEREFORE in consideration of final payment by Vinton Construction Company to the undersigned, Signature Landscapes LLC, 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 Vinton Construction Company, and

The undersigned further states that all wages, materials, social security taxes, withholding taxes, sales and use taxes, permits, subcontractors and material men 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 Vinton Construction Company from any matter or thing arising from the filing of claims or liens by any workman, sub-contractor or material men in connection with the work performed.

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

This  $\mathcal{L}$  day of \_

RV.

STIRCONTRACTOR

Witness:

Form 530

SUBCONTRACTOR - FINAL PAYMENT LIEN WAIVER

KNOWN ALL MEN BY THESE PRESENTS that

WHEREAS, the undersigned, Warning Lites of Appleton, Inc., as subcontractor,

entered into a Contract with Vinton Construction Company for the complete construction

of the WS-21-1 -- 2021 Concrete Paving I & Concrete Slab project in the City of Manitowoc,

WI and

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

the construction agreement,

NOW THEREFORE in consideration of final payment by Vinton Construction

Company to the undersigned, Warning Lites of Appleton, 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 Vinton Construction Company, and

The undersigned further states that all wages, materials, social security taxes,

withholding taxes, sales and use taxes, permits, subcontractors and material men 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 Vinton Construction Company

from any matter or thing arising from the filing of claims or liens by any workman, sub-

contractor or material men in connection with the work performed.

IN WITNESS WHEREOF, the subcontractor by its' authorized representative has

caused this waiver to be signed.

This 15th day of November

RY.

CLUCONTRACTOR

Corm 530

# VINTON

#### 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

#### INVOICE

City of Manitowoc 900 Quay Street Manitowoc, WI 54220

**RE:** WS-21-1

Terms: Net-30

VCC# 21048

Invoice Date:

11/10/2021

INVOICE #: 21048.5

ITEM #

QNTY UNIT

DESCRIPTION

UNIT PRICE

AMOUNT

#### Work completed thru September 30, 2021 Pay App#5 - FINAL

## Quay Street - S. 6th to S. 8th Street Concrete Paving - Reconstruction

Concrete Paving - Reconstruction									
1	1.00	LS	Mobe	10,000.00	10,000.00				
2	1.00	LS	Traffic Control - Quay Street	2,500.00	2,500.00				
3	8.00	EA	Inlet Protection, Type D (Diaper)	87.20	697.60				
4	2,084.00	CY	Unclassified Exc (Incl. Pvmt )	13.75	28,655.00				
5	2.00	EA	Remove Concrete Base	150.00	300.00				
6	3,096.00	SY	9" Concrete Pvmt (Doweled)	43.65	135,140.40				
7	3,141.00	SY	8" Crushed Agg Base Course	4.90	15,390.90				
8	2,971.00	SY	8" Breaker Run Stone Material	5.25	15,597.75				
9	340.00	EA	3/4" Epoxy Coated Tie Bars (Includes Drilling)	6.00	2,040.00				
10	52.00	EA	1-1/4" Epoxy Coated Dowel Bars (Includes Drilling)	12.00	624.00				
11	90.00	LF	Sawing Existing Sidewalk/Driveway	2.00	180.00				
12	1,060.00	LF	Sawing Concrete or Aspahlt Pvmt, Full Depth	2.00	2,120.00				
13	474.00	LF	30" Concrete C&G, Type "A", 8" Thick (R&R)	21.60	10,238.40				
14	10.00	LF	30" Mountable Concrete C&G, Type "A", 8" Thick	21.60	216.00				
15	775.00	SF	6" Concrete Sidewalk & Driveway (R&R)	6.50	5,037.50				
16	1,118.00	SF	8" Concrete Sidewalk & Driveway (R&R)	6.50	7,267.00				
17	16.00	SF	Detectable Wrng Fields	28.00	448.00				
18	0.00	SY	4" H.M.A. Pvmt, Type 4LT 58-28S (R&R)	75.00	0.00				
19	214.00	SY	3" Pulverized Topsoil	4.60	984.40				
20	214.00	SY	Seed, Fertilizer, and Water	0.27	57.78				
21	214.00	SY	Erosion Mat, Urban Class 1, Type A	2.00	428.00				
22	114.00	LF	Pvmt Mrkg, 4", Epoxy	2.50	285.00				
23	76.00	LF	Pvmt Mrkg, 12" Crosswalk, Epoxy	9.50	722.00				
24	81.00	LF	Pvmt Mrkg, Crosswalk, 24" Bars, Alternate, Epoxy	15.75	1,275.75				
25	2.00	EA	Pvmt Mrkg, Handicap Symbol (2' X 2.5'), Epoxy,	135.00	270.00				
26	4.00	EA	Pvmt Mrkg, Symbol, Bike Shared Lane, Epoxy,	285.00	1,140.00				
27	479.00	LF	Pvmt Mrkg, Parking Stall, 4", Epoxy	7.25	3,472.75				

Invoice Date: 11/10/2021

**INVOICE #: 21048.5** 

ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
			Quay Street - S. 6th to S. 8th Street		
			Storm Sewers		
28	111.00	LF	Removing Existing Storm Sewer Plpe	2.00	222.00
29	1.00	EA	Removing Storm Manhole	500.00	500.00
30	3.00	EΑ	Adjust Exist Inlet Cover	300.00	900.00
31	1.00	EA	Adjust Exist Manhole Cover	300.00	300.00
32	144.00	LF	F&I 12" PVC Pipe (SDR-35), Storm Sewer	50.40	7,257.60
33	0.00	VF	F&I Standard Manhole, Type 7	930.00	0.00
34	2.00	EA	F&I Type 3 Inlet	1,370.00	2,740.00
35	2.00	EA	F&I Type "J" Casting (R-1550-A), Storm	432.00	864.00
36	2.00	EA	F&I Type "H" Casting (R-3067-R Diagonal), Storm	615.00	1,230.00
37	40.00	TON	F&I Trench Backfill	0.01	0.40
38	145.00	LF	Televise Storm Sewer Mains	3.00	435.00
			Quay Street - S. 6th to S. 8th Street		
			Sanitary Sewers		
39	2.00	EA	Removing Sanitary Manhole	750.00	1,500.00
40	8.37	VF	F&I Standard Manhole, Type 1	558.00	4,670.46
41	11.56	VF	F&I Non-Standard Manhole, Type 7, 5' Dia	953.00	11,016.68
42	3.60	VF	F&I Outside Drop Manhole	528.00	1,900.80
43	4.00	EA	F&I Type "J" Casting (R-1550-A), with "T" Gasket	450.00	1,800.00
44	162.00	TON	F&I Trench Backfill	0.01	1.62
			Quay Street - S. 6th to S. 8th Street		
			Water & Electrical Items		
45	4.00	EA	Adjusting 5" Valve Box Cover	200.00	800.00
46	1.00	EA	Adjusting Electrical Manhole Cover	500.00	500.00
			Magnolia Avenue		
			Concrete Slab Replacement		
47	1.00	LS	Mobe	5,000.00	5,000.00
48	1.00	LS	Traffic Control - Magnolia Avenue	750.00	750.00
49	4.00	EA	Inlet Protection, Type D (Diaper)	87.20	348.80
50	1.00	LS	Remove Railroad Tracks	2,000.00	2,000.00
51	360.00	CY	Unclassified Exc (Incl. Pvmt )	0.01	3.60
52	910.00	SY	8" Concrete Pvmt w/Integral Curb, 7-bag H.E.	63.59	57,866.90
53	920.00	SY	6" Crushed Agg Base Course	0.01	9.20
54	391.00	LF	Sawing Concrete or Asphalt Pvmt, Full Depth	2.50	977.50
55	10.00	LF	Sawing Existing Sidewalk/Driveway	3.00	30.00
56	128.00	EA	3/4" Epoxy Coated Tie Bars (Includes Drilling)	6.00	768.00
57 50	0.00	SF	6" Concrete Sidewalk & Driveway (R&R)	7.50	0.00
58 50	277.00	SF	New 6" Concrete Sidewalk/Driveway	7.50 450.00	2,077.50
59 60	1.00 2.00	EA EA	F&I Type "J" Casting (R-1550-A), with "T" Gasket	300.00	450.00 600.00
61	4.00	EA	Adjust Manhole Cover Adjust Inlet Cover	300.00	1,200.00
62	327.00	SY	3" Pulverized Topsoil	4.60	1,504.20
63	327.00	SY	Seed (#40), Fertilizer, Water	0.27	88.29
64	327.00	SY	Erosion Mat, Urban, Class I, Type A	2.00	654.00

Invoice Date: 11/10/2021

**INVOICE #: 21048.5** 

ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT					
65	2.00	EA	Eradicate Railroad Crossing Symbol	850.00	1,700.00					
66	276.00	LF	Pvmt Mrkg 4", Epoxy	2.50	690.00					
			Nagle Avenue							
Concrete Slab Replacement										
67	1.00	LS	Mobe	5,000.00	5,000.00					
68	1.00	LS	Traffic Control - Nagle Avenue	750.00	750.00					
69	3.00	EA	Inlet Protection, Type D	87.20	261.60					
70	1.00	LS	Remove Railroad Tracks	2,000.00	2,000.00					
71	72.00	CY	Unclassified Exc (Incl. Pvmt )	0.01	0.72					
72	323.00	SY	7" Concrete Pvmt w/Integral Curb, 7-bag H.E.	60.84	19,651.32					
73	78.00	SY	6" Crushed Agg Base Course	0.01	0.78					
74	271.00	LF	Sawing Concrete or Asphalt Pvmt, Full Depth	2.50	677.50					
75	0.00	LF	Sawing Existing Sidewalk/Driveway	3.00	0.00					
76	108.00	EA	3/4" Epoxy Coated Tie Bars (Includes Drilling)	6.00	648.00					
77	215.00	SF	6" Concrete Sidewalk/Driveway (R&R)	7.50	1,612.50					
78	159.00	SF	New 6" Concrete Sidewalk/Driveway	7.50	1,192.50					
79	1.00	EA	F&I Type J Casting, Storm,w/2 Open Pick Holes	432.00	432.00					
80	1.00	EA	Adjust Manhole Cover	300.00	300.00					
81	130.00	SY	3" Pulverized Topsoll	4.60	598.00					
82	130.00	SY	Seed (#40), Fertilizer & Water	4.60	598.00					
83	130.00	SY	Erosion Mat, Urban, Class I, Type A	2.00	260.00					
			<u>CO#1</u>							
101	1.00	LS	F&I 4'x7' Box Storm Manhole	5,222.60	<u>5,222.60</u>					
					007 650 00					
				Total:	397,650.30					
				Less: Pay App#1	-175,800.59					
				Less: Pay App#2	-178,687.29					
				Less: Pay App#3	-11,668.40					
				Less: Pay App#4	<u>-11,177.60</u>					
				Balance Due:	20.316.42					