

TO BOARD OF PUBLIC WORKS

City Engineer's Estimates

For WU-18-7 2018 RE-LINING SANITARY SEWER

CONSENT

December 12, 2018

3&Fin NO.

18-1305

Michels Pipe Services

CONTRACTOR

January 29, 2018

DATE OF CONTRACT

August 31, 2018

COMPLETION DATE

\$502,075.70

AMOUNT OF CONTRACT

Re-lining Sanitary Sewers

STREET

Various Locations

FROM - TO

CO#1	\$1,362.50
CO#2	\$592.50
CO#3	\$17,411.95
TOTAL	\$521,442.65

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 FOR DETAILS						
TOTALS		\$451,394.75		\$521,442.65		\$70,047.90
PAYMENT		\$438,842.86		\$521,442.65		\$82,599.79
AMOUNT DUE, FINAL PAYMENT						\$82,599.79

12-12-18
Date filed with Secretary

Date approved by Board

AMOUNT RECOMMENDED
\$82,599.79

BOARD SIGNATURES

[Signature]

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Date Paid

Check No.

Voucher No.

Chg. 6300-71100-582600 57198.64

4200-32320-582500 25401.15

TOTAL 82599.79

Copy For

Council	Board	Voucher
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[Signature]

12-11-18

CITY ENGINEER

Contractor: Michels Pipe Services

CONTRACT AMOUNT: \$502,075.70
 CHANGE ORDER #1: \$1,362.50
 CHANGE ORDER #2: \$592.50
 CHANGE ORDER #3-FINAL: \$17,411.95
\$521,442.65

CONTRACT DATE: January 29, 2018
 COMPLETION DATE: August 31, 2018

ITEM NO.	ITEM DESCRIPTION	UNITS	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 DIFFERENCE	
RE-LINING SANITARY SEWERS AT VARIOUS LOCATIONS												
1.	Mobilization	LS	1	\$7,040.00	1.0	\$7,040.00	1.0 *	100%	\$7,040.00	0.0	\$0.00	
2.	Traffic Control	LS	1	\$11,565.00	1.0	\$11,565.00	1.0 *	100%	\$11,565.00	0.0	\$0.00	
3.	Furnish & Install 8" Sanitary Sewer Re-line with CIPP	LF	9,331	\$19.75	10,481.0	\$206,999.75	11,102.0 *	119%	\$219,264.50	621.0	\$12,264.75	
4.	Furnish & Install 10" Sanitary Sewer Re-line with CIPP	LF	2,463	\$23.00	2,686.0	\$61,778.00	2,789.0 *	113%	\$64,147.00	103.0	\$2,369.00	
5.	Furnish & Install 12" Sanitary Sewer Re-line with CIPP	LF	1,052	\$36.25	1,071.0	\$38,823.75	1,384.0 *	131.6%	\$50,170.00	313.0	\$11,346.25	
6.	Furnish & Install 15" Sanitary Sewer Re-line with CIPP	LF	1,000	\$41.75	0.0	\$0.00	383.0 *	38.3%	\$15,990.25	383.0	\$15,990.25	
7.	Furnish & Install 18" Sanitary Sewer Re-line with CIPP	LF	105	\$129.25	107.0	\$13,829.75	107.0 *	101.9%	\$13,829.75	0.0	\$0.00	
8.	Furnish & Install 21" Sanitary Sewer Re-line with CIPP	LF	696	\$77.50	696.0	\$53,940.00	694.0 *	100%	\$53,785.00	(2.0)	(\$155.00)	
9.	Furnish & Install 24" Sanitary Sewer Re-line with CIPP	LF	438	\$93.00	438.0	\$40,734.00	433.0 *	99%	\$40,269.00	(5.0)	(\$465.00)	
10.	Lateral Reinstatement	EA	180	\$84.50	186.0	\$15,717.00	218.0 *	121%	\$18,421.00	32.0	\$2,704.00	
CO#1	Clean & Prop 8" Sanitary Sewer	LF	250	\$3.87	250.0	\$967.50	250.0 *	100%	\$967.50	0.0	\$0.00	
CO#2	Emergency Sanitary Televising Sewers S. 18th & S. 24th Streets	LS	1.5	\$395.00	0.0	\$0.00	1.5 *	100%	\$592.50	1.5	\$592.50	
RE-LINING STORM SEWERS AT VARIOUS LOCATIONS												
11.	Mobilization	LS	1	\$5,630.00	0.0	\$0.00	1.0 *	100%	\$5,630.00	1.0	\$5,630.00	
12.	Traffic Control	LS	1	\$1,550.00	0.0	\$0.00	1.0 *	100%	\$1,550.00	1.0	\$1,550.00	
13.	Furnish & Install 10" Storm Sewer Re-line with CIPP	LF	184	\$46.80	0.0	\$0.00	183.0 *	99.5%	\$8,564.40	183.0	\$8,564.40	
14.	Furnish & Install 12" Storm Sewer Re-line with CIPP	LF	393	\$39.75	0.0	\$0.00	233.0 *	59.3%	\$9,261.75	233.0	\$9,261.75	
15.	Furnish & Install 15" Storm Sewer Re-line with CIPP	LF	99	\$76.25	0.0	\$0.00	0.0 *	0.0%	\$0.00	0.0	\$0.00	
16.	Lateral Reinstatement	EA	2	\$116.25	0.0	\$0.00	0.0 *	0%	\$0.00	0.0	\$0.00	
CO#1	Televising 18" Storm Sewer	LS	1	\$395.00	0.0	\$0.00	1.0 *	100%	\$395.00	1.0	\$395.00	
TOTAL FOR CONTRACT WU-18-7						\$451,394.75			\$521,442.65	\$70,047.90		
PAYMENTS						97.2%	\$438,842.86	100.0%		\$521,442.65	100.0%	\$82,599.79

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

PREPARED BY: JME & GJM

O.K. to Pay
 S.J.M. 12/3/18

Witness: W. J. Ehr

Stenette A. Dillard
Contractor Genette Subrod, Contracts & Admin. Mgr.

This 11th day of December, 2018.

Waiver to be signed

IN WITNESS WHEREOF, the General Contractor by its authorized representative has caused this

performed.

from the filing of claims or liens by any workman, sub-contractor or materialmen in connection with the work

The undersigned further agrees to save harmless the City of Manitowoc from any matter or thing arising

discharged.

performed; workmen's compensation and other insurance premiums and all taxes have been fully paid and

and use taxes, permits, sub-contractors and materialmen have been fully paid and discharged for all work

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

Manitowoc, and

liens, claims or rights to file any lien or liens to the extent of the payment above referred to against the City of

the undersigned hereby waives and releases any and all

\$ 521,443.65

NOW THEREFORE in consideration of final payment by the City of Manitowoc to the undersigned

agreement,

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

and _____

2018 Sewer Re-Lining Project

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

WHEREAS, the undersigned Michels Pipe Services, dba Michels Corporation

KNOW ALL MEN BY THESE PRESENTS that

FINAL PAYMENT LIEN WAIVER