

Anjuman A. Islam, Ph.D.  
Water Utility Director

Nathaniel Tillis  
Wastewater Utility Director



Ciara Hartzog  
Business Manager

Chad W. Regalia, P.E.  
Chief Engineer

June 17, 2026

**Waterworks Commission:**

Cory Mason  
Jens Jorgensen  
Nick Barootian  
Marlo Harmon  
James Sullivan  
John Tate II  
Natalia Taft  
Rosalind Thomas

**SUBJECT: Change Order No. 2 – W-23-7 – 42 Inch Water Main Phase 3 Mound Avenue to Main Street**

Dear Commissioners:

Submitted for review and approval is Change Order No. 2 - W-23-7 – 42 Ince Water Main Phase 3 Mound Avenue to Main Street, Super Excavators, Inc., in the amount of \$147,847.00. This change order is due to the need to revise the alignment of the proposed 42-inch water main and relocate the existing sanitary sewer and storm sewer along Erie Street, splitting the proposed work on Erie Street into two phases, the first phase to be completed in 2025 and the second phase to be completed in 2026.

The original contract amount is **\$18,201,340.00**. The previous change order increased the contract amount by **\$19,020.00**. *Approval of Change Order No. 2 in the amount of **\$147,874.00** would bring the total contract amount to **\$18,368,234.00**.*

***With the approval of the 2 change orders, there is now an overall net increase of \$166,894.00 on the original contract amount, which is a 0.92% increase from the previous contract total.***

Sincerely,

Anjuman A. Islam, Ph.D.  
Executive Director – Water Utility

June 4, 2026

Dr. Anjuman Islam  
Water Utility Director  
City Hall Annex  
Racine Water & Wastewater Utilities  
800 Center Street, Room 227  
Racine, WI 53403

Re: REBID 01-24 42-inch Transmission Water Main Phase 3 - Mound Avenue to Main Street  
Change Order No. 2 Summary  
Project W-23-7, Segment 3.33

Dear Dr. Islam:

Enclosed, please find Change Order No. 2 for the 42-inch Transmission Water Main Phase 3 project. This letter summarizes the modifications made to the project as documented in Change Order No. 2. The modifications are further detailed in the Change Order and subsequent attachments.

Change Order No. 2 incorporates the Work completed from Work Change Directives No. 5 and No. 6, deducts the previously anticipated costs of unused existing bid items, and adjusts Contract Milestone and completion deadline dates.

Work Change Directives No. 5 and No. 6 were issued due to the need to revise the alignment of the proposed 42-inch water main and relocate the existing sanitary sewer and storm sewer along Erie Street to avoid conflicts and constructability issues related to the existing AT&T fiber optic line. Additionally, Work Change Directives No. 5 and No. 6 split the proposed Work on Erie Street into two phases, with construction of the first phase to be completed in 2025 and the second phase to be completed in 2026. The phasing of the construction was made to limit the impact to the adjacent properties and businesses, which resulted in the need to adjust the Contract Milestone and completion dates.

It was understood that when Work Change Directives No. 5 and No. 6 were authorized, the estimated cost of the revisions were to be further reviewed and negotiated with the Contractor. The estimated increase to the Contract Price when Work Change Directives No. 5 and No. 6 were authorized was \$669,143 and \$252,952, respectively, or a total estimated increase to the Contract Price of \$922,093.

After further negotiations with the Contractor occurred and using the final quantities of the items incorporated into the Work, the increase to the Contract Price related to Work Change Directives No. 5 and No. 6 is \$361,471 and \$186,404, respectively, for a total increase to the Contract Price of \$547,874.

The Change Order also eliminates existing bid items that will not be used in the remaining construction. The elimination of these items reduces the Contract Price by \$400,000.

The resulting total increase of Change Order No. 2 is \$147,874, which is approximately 0.8% of the current Contract Price. The resulting Contract Price incorporating Change Order No. 2 is \$18,368,234.

Letter to Dr. Anjuman Isam  
REBID 01-24 42-inch Transmission Water Main Phase 3 – Change Order No. 2 Summary  
June 4, 2026  
Page 2

If you have any questions on the above, please feel free to contact me at 262-953-3028 or [apetersen@ruekert-mielke.com](mailto:apetersen@ruekert-mielke.com).

Respectfully,

RUEKERT & MIELKE, INC.

A handwritten signature in blue ink, appearing to read "Anthony D. Petersen".

Digitally signed by  
Anthony D. Petersen  
Date: 2026.06.04  
11:30:05-05'00'

Anthony D. Petersen, P.E. (WI, IA)  
Senior Project Manager  
[apetersen@ruekert-mielke.com](mailto:apetersen@ruekert-mielke.com)

ADP:adp  
Enclosure  
cc:

Chad W. Regalia, P.E., Racine Water & Wastewater Utilities  
Brennen E. Fischer, P.E., Ruekert & Mielke, Inc.  
David T. Robinson, Ruekert & Mielke, Inc.

Date of Issuance: June 3, 2026	Effective Date:	Upon Approval
	Owner:	Racine Water and Wastewater Utilities
Contract: 42 Inch Water Main Phase 3 Mound Avenue to Main Street	Owner's Contract No.:	W-23-7
Contractor: Super Excavators, Inc.	Engineer:	Ruekert & Mielke, Inc.
Address: N59 W14601 Bobolink Ave Menomonee Falls, WI 53051	Engineer's Project No.:	8022-10031.313
	Effective Date of Contract:	February 2, 2024

The Contract is modified as follows upon execution of this Change Order:

Description:

1. Construct revised new 42-inch water main and relocate storm and sanitary sewers along Erie Street as described in Work Change Directive No 5 and Work Change Directive No 6.
2. Eliminate unused existing bid items.

Reason for Change Order:

See Attached.

Attachments:

- Attachment A: Ruekert & Mielke, Inc. Change Order No. 2 description.
- Attachment B: Ruekert & Mielke, Inc. Analysis of Change Order No. 2.
- Attachment C: Work Change Directive No 5 approved August 13, 2025.
- Attachment D: Super Excavators, Inc. revised Price Proposal for Work Change Directive No 5 dated October 14, 2025.
- Attachment E: Work Change Directive No 6 approved August 13, 2025.
- Attachment F: Super Excavators, Inc. Price Proposal for revisions to Erie Street dated July 28, 2025.
- Attachment G: Super Excavators, Inc. request for time extension letter dated May 18, 2026.

<b>CHANGE IN CONTRACT PRICE</b>	<b>CHANGE IN CONTRACT TIMES</b>
Original Contract Price \$ <u>18,201,340.00</u>	Original Contract Times: Substantial Completion: <u>November 15, 2024</u> Ready for Final Payment: <u>June 13, 2025</u> days or dates
Changes from previously approved Change Orders: \$ <u>19,020.00</u>	Changes from previously approved Change Orders: Substantial Completion: <u>371</u> Ready for Final Payment: <u>350</u> days
Contract Price prior to this Change Order: \$ <u>18,220,360.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>November 21, 2025</u> Ready for Final Payment: <u>May 29, 2026</u> days or dates
Increase this Change Order: \$ <u>147,874.00</u>	Changes of this Change Order: Substantial Completion: <u>253</u> Ready for Final Payment: <u>214</u> days or dates
Contract Price incorporating this Change Order: \$ <u>18,368,234.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>August 1, 2026</u> Ready for Final Payment: <u>December 29, 2026</u> days or dates

42 Inch Water Main Phase 3 Mound Avenue to Main Street

Page 2

Change Order No. Two (2)

RECOMMENDED:

ACCEPTED:

ACCEPTED:

Signature:  Digitally signed by  
Anthony D. Petersen  
Date: 2026.06.03  
10:58:00-05'00'  
Engineer (Authorized Signature)

Signature: \_\_\_\_\_  
Owner (Authorized Signature)

Signature:   
Contractor (Authorized Signature)

Date: June 3, 2026

Date: \_\_\_\_\_

Date: 6/3/2026

**Attachment A - Change Order No. 2 Description**

June 3, 2026

42 Inch Water Main Phase 3 Mound Avenue to Main Street  
Racine, WI

The purpose of this change order is to summarize modifications made to the project that affect contract price and contract times. This change order will provide a means to compensate the Contractor for items that are not addressed otherwise by increasing or decreasing estimated quantities of existing bid items. Changes to the construction contract that impact estimated quantities for existing bid items noted below are intended as documentation that a change in project scope was identified and estimated. Their impact on the total contract price is not accounted for in this change order. However, all changes to estimated quantities of existing bid items will be accounted for on the closeout change order to the contract, which will be prepared at the end of the Contract. A description of the modifications made to the construction contract are listed below:

1. Provide compensation to Super Excavators for constructing new 42-inch water main along Erie Street in accordance with Work Change Directive No 5 approved on August 13, 2025.

Work Change Directive No 5 included a total estimated price of \$669,143.00. Details of the approved additional Work can be found in the attached Work Change Directive No 5 (**Attachment C**). Work Change Directive No 5 was approved with the condition that the final proposed price would be negotiated further.

Super Excavators, Inc. submitted a revised price proposal with a revised total estimated price of \$289,750.00 on October 14, 2025. A copy of the revised price proposal is attached to this change order (**Attachment D**). The originally submitted price proposal included estimated quantities of additional Work items. Final quantities of new Work items have been measured and are shown as markups to the original price proposal. The price proposal was also modified to add one non-domestic 42-inch butterfly valve from the price proposal submitted for Work Change Directive No 6. With these changes, the total Contract Price is **estimated to increase by \$361,470.00** for these items.

2. Provide compensation to Super Excavators for constructing relocated sanitary sewer and relocated storm sewer along Erie Street to allow room for the new 42-inch water main in accordance with Work Change Directive No 6 approved on August 13, 2025.

Work Change Directive No 6 included a total estimated price of \$252,950.00. Details of the approved additional Work can be found in the attached Work Change Directive No 6 (**Attachment E**).

Super Excavators, Inc. submitted a price proposal covering additional Work items for both Work Change Directive No 5 and Work Change Directive No 6 on August 6, 2025. A copy of the original price proposal is attached to this change order (**Attachment F**). The originally submitted price proposal included estimated quantities of additional Work items. Final quantities of new Work items have been measured and are shown as markups to the original price proposal. The price proposal was also modified to move one non-domestic 42-inch butterfly valve to the total for Work Change Directive No 5 and eliminated other items that were not used or were renegotiated as part of Work Change Directive No 5. With these changes, the total Contract Price is **estimated to increase by \$186,404.00** for these items.

3. Eliminate unused existing bid items:
  - a. Eliminate Bid Item 6, Dust Control using Calcium Chloride.  
(100) x 100 lbs x \$100/100 lbs = (\$10,000.00)
  - b. Eliminate part of Bid Item MA-D2, Relocation of fiber optic line in Erie Street Station 602+50 to Station 609+00.  
(0.9 L.S.) x \$200,000 = (\$180,000.00)
  - c. Eliminate Bid Item MA-D5, Relocation of overhead lines in Jones Street Station 353+00 to Station 357+50.  
(1.0 L.S.) x \$200,000 = (\$200,000.00)
  - d. Eliminate Bid Item MA-D6, Relocation of overhead lines at Station 764+90 to residence.  
(1.0 L.S.) x \$10,000 = (\$10,000.00)

The total Contract Price is **estimated to decrease by \$400,000.00** for these items.

4. Change Order no 1 deleted the original Contract Milestone No 3 and replaced it with a new version, which reads: "Milestone 3: Complete all water main installation, testing, and restoration in Erie Street from Station 601+75 to Station 612+00 by November 21, 2025."

Improvements on Erie Street were split into two phases according to Work Change Directive No 5, which was approved after Change Order No 1 was approved. Phase 1 was scheduled for construction in 2025 and Phase 2 was scheduled for construction in 2026. The new deadline date for Contract Milestone No 3 expired in 2025. Therefore, Super Excavators, Inc. has requested the deadline for the new Contract Milestone No 3 to be extended to August 1, 2026. A copy of the request is attached to this change order as **Attachment G**. Delete Contract Milestone No 3 approved in Change Order No 1 and replace it with the following:

Milestone 3: Complete all water main installation, testing, and restoration in Erie Street from Station 601+75 to Station 612+00 by August 1, 2026.

5. Change Order No 1 added Contract Milestone No 5, which reads: "Milestone 5: Complete all water main installation, testing, and restoration in State Street, LaSalle Street and Liberty Street by July 11, 2025.". Phase 2 of the improvements to Erie Street as approved by Work Change Directive No 5 was scheduled for 2026. Phase 2 included some Work on State Street at multiple intersections. The deadline date for Contract Milestone No 5 expired in 2025. Therefore, Super Excavators, Inc. has requested the deadline for Contract Milestone No 5 to be extended to August 1, 2026. A copy of the request is attached to this change order as **Attachment G**. Delete Contract Milestone No 5 approved in Change Order No 1 and replace with the following:

Milestone 5: Complete all water main installation, testing, and restoration in State Street, LaSalle Street and Liberty Street by August 1, 2026.

6. The Contract deadlines for substantial completion and ready for final payment were revised in Change Order No 1 to November 21, 2025 and May 29, 2026, respectively. The revised Contract deadlines for substantial completion and ready for final payment have expired. Phase 2 of the improvements to Erie Street as approved by Work Change Directive No 5 was scheduled for 2026. Therefore, Super Excavators, Inc. has requested the deadlines for substantial completion and ready for final payment be extended to August 1, 2026 and December 29, 2026, respectively. A copy of the request is attached to this change order as **Attachment G**.
  - a. Extend the substantial completion deadline in the Agreement to August 1, 2026.
  - b. Extend the ready for final payment deadline in the Agreement to December 29, 2026.

Total Contract Price is **estimated to increase by \$147,874.00** for all items in this change order as shown in **Attachment B**. As indicated above, this total price does not reflect changes to the estimated quantities of existing bid items.

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<b>Work Change Directive No. 5 Items</b>					
Item No.	Description	Unit	Quantity	Unit Price	Total
CO-04	Additional 42-Inch WM 22 1/2 Degree Bend at Contract Unit Price	EA	1	\$ 14,980.00	\$ 14,980.00
CO-05	Additional 42-Inch WM 11 1/4 Degree Bend at Contract Unit Price	EA	1	\$ 16,700.00	\$ 16,700.00
CO-06	Additional 42-Inch WM Mega Lug Assembly at Contract Unit Price	EA	2	\$ 6,560.00	\$ 13,120.00
CO-07	42-Inch Bell Harness Restraint w/Labor	EA	5	\$ 15,237.50	\$ 76,187.50
CO-08	Mobilize Sheet Driving Equipment	LS	1	\$ 28,750.00	\$ 28,750.00
CO-09	Drive and Pull 100 LF of 30' Sheet Piles	LS	0.75	\$ 40,250.00	\$ 30,187.50
CO-10	Sheet Pile Materials - 50 LFX30' PCZ18	LS	1	\$ 57,500.00	\$ 57,500.00
CO-11	Additional Mobilizations 2025/2026	LS	1	\$ 57,500.00	\$ 57,500.00
CO-12	42-Inch Butterfly Valve (Non-Domestic)	EA	1	\$ 66,545.00	\$ 66,545.00
<b>Subtotal Work Change Directive No. 5 Items</b>					<b>\$361,470.00</b>

<b>Work Change Directive No. 6 Items</b>					
Item No.	Description	Unit	Quantity	Unit Price	Total
CO-13	12" Sanitary Sewer	LF	108	\$ 369.00	\$ 39,852.00
CO-14	8" Sanitary Sewer	LF	18	\$ 791.00	\$ 14,238.00
CO-15	6" Sanitary Laterals	LF	24	\$ 895.00	\$ 21,480.00
CO-16	Sanitary Manholes	EA	3	\$ 6,167.00	\$ 18,501.00
CO-17	12" Storm Sewer Pipe	LF	115	\$ 257.00	\$ 29,555.00
CO-18	15" Storm Sewer Pipe	LF	42	\$ 214.00	\$ 8,988.00
CO-19	18" Storm Sewer Pipe	LF	110	\$ 215.00	\$ 23,650.00
CO-20	14"x23" HE RCP Storm Sewer Pipe	LF	15	\$ 326.00	\$ 4,890.00
CO-21	Storm Manholes	EA	5	\$ 5,050.00	\$ 25,250.00
<b>Subtotal Work Change Directive No. 6 Items</b>					<b>\$186,404.00</b>

<b>Eliminated Unused Existing Bid Items</b>					
Item No.	Description	Unit	Quantity	Unit Price	Total
CO-22	Eliminate Bid Item 6, Dust Control using Calcium Chloride	100 lbs	-100	\$ 100.00	\$ (10,000.00)
CO-23	Eliminate part of Bid Item MA-D2, Relocation of fiber optic line in Erie Street Station 602+50 to Station 609+00	L.S.	-0.9	\$ 200,000.00	\$ (180,000.00)
CO-24	Eliminate Bid Item MA-D5, Relocation of overhead lines in Jones Street Station 353+00 to Station 357+50	L.S.	-1	\$ 200,000.00	\$ (200,000.00)
CO-25	Eliminate Bid Item MA-D6, Relocation of overhead lines at Station 764+90 to residence	L.S.	-1	\$ 10,000.00	\$ (10,000.00)
<b>Subtotal of Eliminated Unused Existing Bid Items</b>					<b>-\$400,000.00</b>

<b>TOTAL OF CHANGE ORDER NO. 2 ITEMS</b>					<b>\$147,874.00</b>
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**CHANGE ORDER NO 2  
ATTACHMENT C**

Work Change Directive No. Five (5)

Date of Issuance: August 8, 2025	Effective Date: August 4, 2025	
	Owner: Racine Water and Wastewater Utilities	
Contract: 42 Inch Water Main Phase 3 Mound Avenue to Main Street	Owner's Contract No.:	W-23-7
Contractor: Super Excavators, Inc.	Engineer: Ruekert & Mielke, Inc.	
Address: N59 W14601 Bobolink Ave Menomonee Falls, WI 53051	Engineer's Project No.:	8022-10031.313
	Effective Date of Contract:	February 2, 2024

Contractor is directed to proceed promptly with the following change(s):

Description:  
Construct new 42-inch diameter water main along Erie Street in accordance with the attached revised drawings and Phasing Plan.

Reason for Work Change Directive:  
See Attached

- Attachments:
1. Attachment A to Work Change Directive No 5 and Work Change Directive No. 6.
  2. Sheet WM-10R-1-A and Sheet WM-16R-1 stamped and dated July 15, 2025.
  3. Phasing Plan Sheet dated July 15, 2025.
  4. Price Proposal from Super Excavators, Inc. dated July 28, 2025 and revised on August 6, 2025.



**Purpose for Work Change Directive:**

To allow construction of Phase 1 of the new water main along Erie Street to begin within the narrow window of time in 2025 that will provide access for sailboat transfer from the marina to the Racine Riverside Marine Company as requested by the Racine Riverside Marine Company even though the estimated cost of the revisions is being reviewed and negotiated with the Contractor.

**Estimated Changes:**

Contract Price \$ 669,143.00 Estimated Increase (Final Price will be negotiated)

Contract Time 0 Days for 2025 Phase (Additional Days for 2026 Phase to be determined in 2026)

<b>RECOMMENDED:</b>	<b>AUTHORIZED:</b>	<b>RECEIVED:</b>
Signature:  Digitally signed by Anthony D. Petersen Date: 2025.08.08 09:23:41-05'00'	Signature:  Anjuman Islam (Aug 13, 2025 09:08:43 CDT)	Signature: _____
Engineer (If required) Anthony D. Petersen, P.E. Ruekert & Mielke, Inc	Owner (Authorized Signature) Racine Water and Wastewater Utilities	Contractor (Authorized Signature) Super Excavators, Inc.
Title: <u>Project Manager</u>	Title: <u>Executive Director</u>	Title: _____
Date: <u>August 8, 2025</u>	Date: <u>13/08/25</u>	Date: _____

**Attachment A for Work Change Directive No. 5 and Work Change Directive No. 6**

August 8, 2025

42 Inch Water Main Phase 3 Mound Avenue to Main Street  
Racine, WI

## Reason for Work Change Directive:

The location of the existing buried fiber optic facilities was marked in the field by AT&T during the design process. The markings were surveyed by R/M and shown on the plan drawings. Based on this preliminary information, it was believed the fiber optic lines would not conflict with the construction of the 42-inch water main. However, there was a risk that the Contractor's means and methods used during construction and behavior of the soils along the walls of the trench in this area could impact our initial assumptions. These factors could not be fully known until after the construction contract was awarded and construction began. Super Excavators, Inc. (Racine Water Utility's Contractor or "Contractor") was required to coordinate with AT&T to conduct further investigation of the location and depth of the fiber optic lines to verify our assumptions. An estimated allowance of \$200,000 was included in the Contract to cover the cost of mitigating conflicts if they were verified to exist.

The result of the Contractor's field investigation showed the soils along the trench walls would likely cave in putting the fiber optic lines in conflict with construction. The Contractor then asked AT&T for a proposed plan and cost to relocate the fiber optic lines to avoid the conflicts. On June 26, 2024, AT&T proposed to relocate the buried facilities for an estimated cost of approximately \$345,000. The relocation process was quoted to take at least 6 months from acceptance of the AT&T proposal. In addition, the size of the fiber optic facility and scope of the relocations were more significant than contemplated. Therefore, AT&T's price proposal was significantly higher than the estimated allowance and the delay to the project was greater than anticipated. This caused other alternatives to be developed.

Multiple iterations of conceptual alternatives were developed and vetted with RWU staff for acceptability, the Contractor for constructability and the DNR for approvability. The preferred conceptual alternative developed on February 26, 2025, and was determined to be constructable by the Contractor on March 11, 2025. The concept included relocating storm and sanitary sewers to allow the water main alignment to shift away from the fiber optic lines. The Contractor's preliminary estimate to relocate the sewers was \$278,391, which was less than AT&T's proposal to relocate the fiber optic lines. The Contractor's estimated amount of time needed to construct the sewer relocations was significantly less than the estimated time needed to relocate the AT&T fiber optic lines. Therefore, the concept was authorized to go through the final design and approval steps. The DNR approved the revised drawings on July 24, 2025.

The Contractor provided a revised price proposal dated July 28, 2025 and revised on August 6, 2025. The price proposal included costs that have been broken down into three categories:

1. An increase of \$550 per linear foot of new 42-inch water main on Erie Street. Information provided by the Contractor indicates the unit price increase will cover items such as additional mobilizations, sheeting in areas to support the existing 42-inch sanitary sewer pipe, labor rate increases since bidding, and additional fittings and labor associated with the fittings. We estimate the quantity of the remaining 42-inch water main left to be installed and/or paid for to be 1,057.3 feet. Based on our estimated quantity, the **estimated increase to the Contract for this item would be \$581,515** if the proposed unit price increase is accepted. Additional details of the reasons for the increase will be requested for review. This estimated cost is reflected in Work Change Directive No 5.
2. A cost to install a new 42-inch butterfly valve, which is required by DNR and needed for phasing over two construction seasons. Due to a cost increase and long lead time on delivery of the approved valves used for the remainder of the project, the Contractor has provided a cost for two different valves ranging

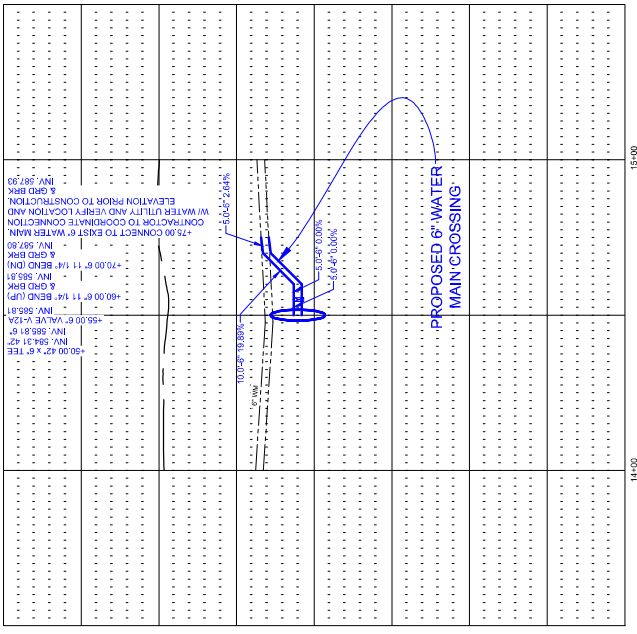
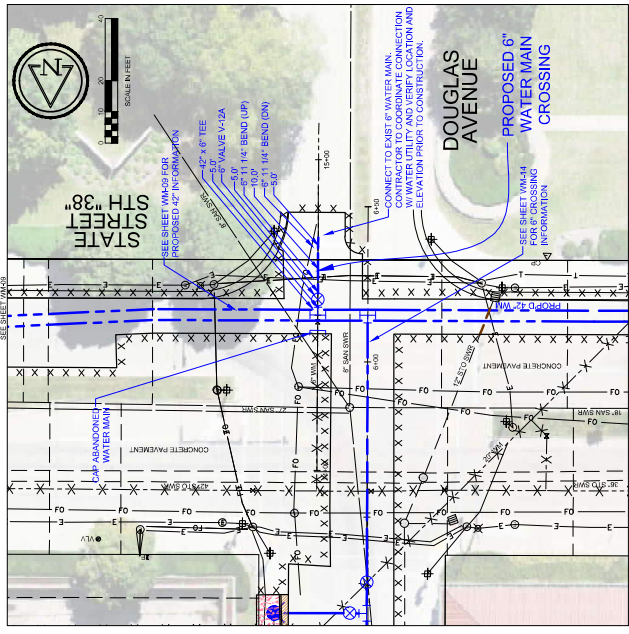
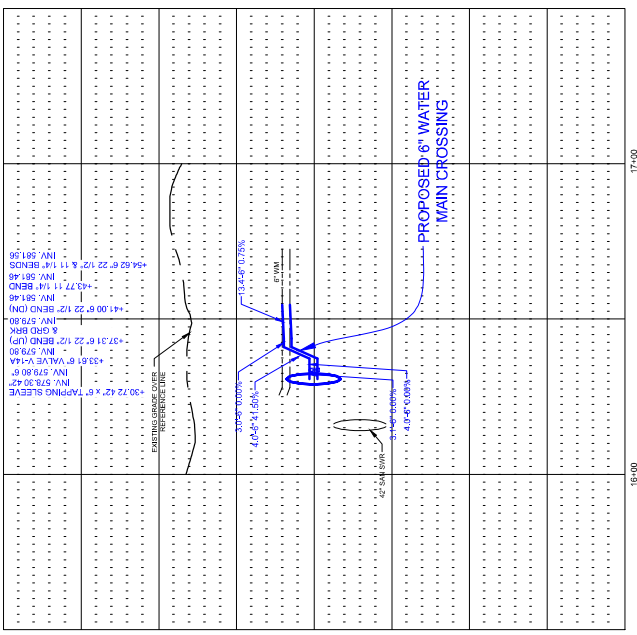
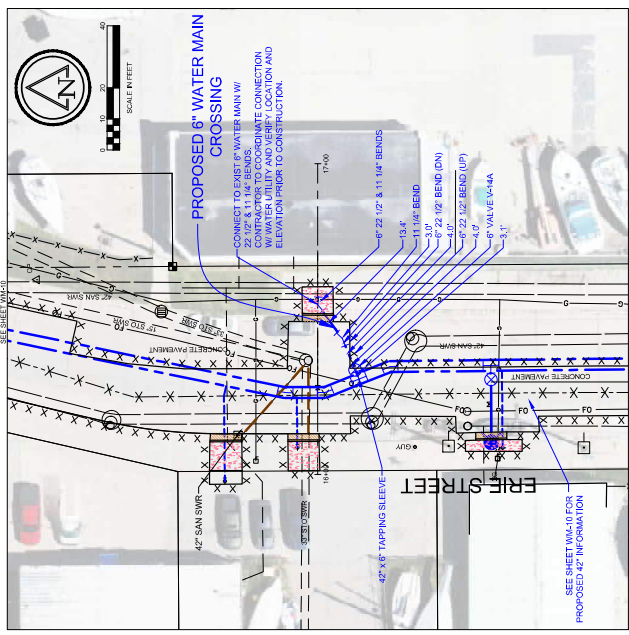
between \$66,545.00 and 87,628.00. The lower cost valve has a lead time on delivery of a few weeks compared to approximately 28 weeks for the originally approved valve. Despite the differences in cost and lead time, either valve can be used. Racine Water Utility will need to decide which valve it is willing to accept. If the higher cost (originally approved) valve is used, then the **estimated increase to the Contract for this item would be \$87,628.00**. This estimated cost is reflected in Work Change Directive No 5.

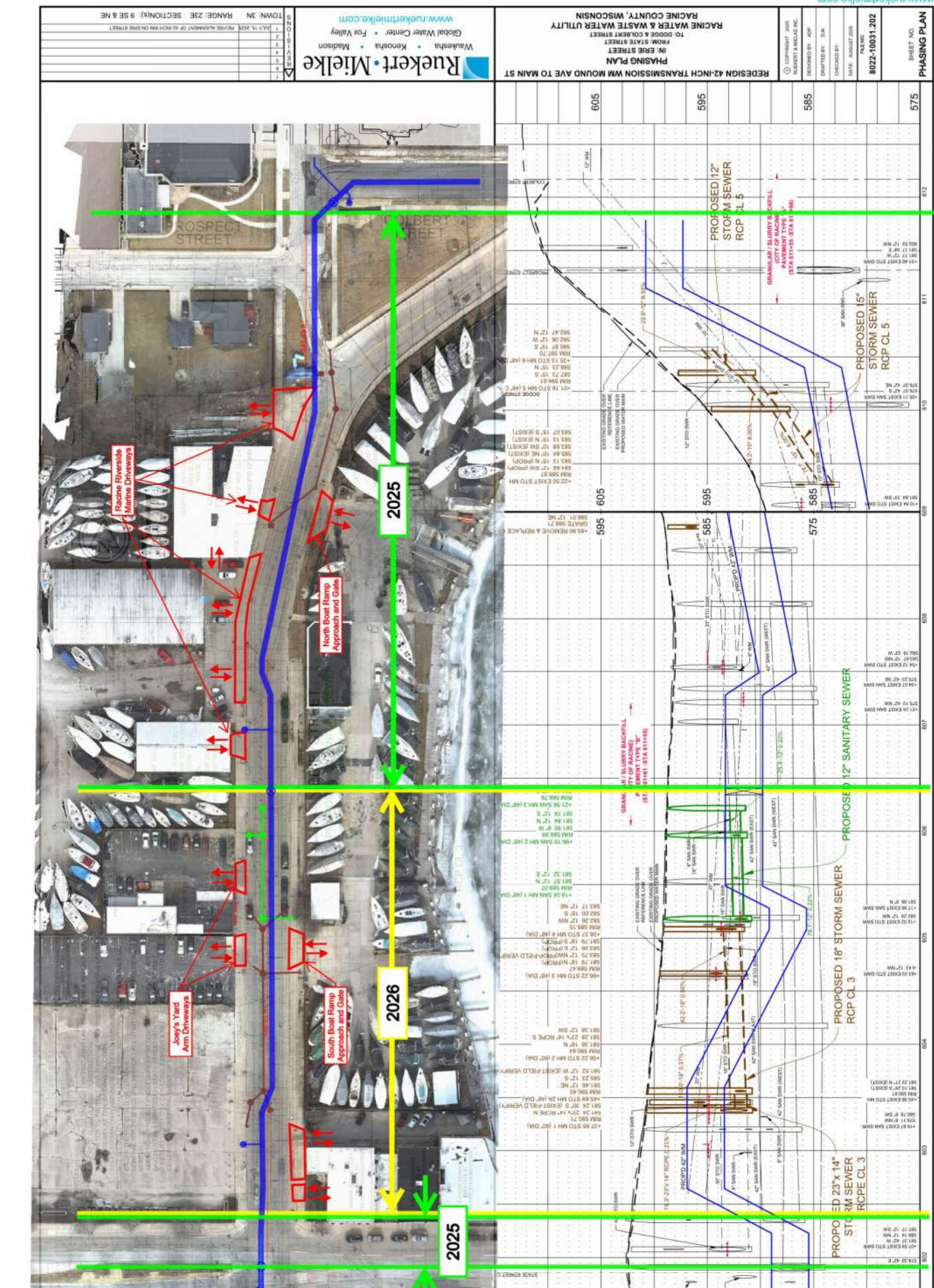
3. A cost to relocate the existing sewers and provide slurry backfill in lieu of granular backfill in certain areas where the new 42-inch water main crosses the existing or relocated sewers as required by the City of Racine, \$284,734.22, based on their estimated quantities. Our estimated quantities of the relocated sewers and slurry backfill differ from the Contractor's estimate. Based on our estimated quantities and the proposed unit prices we believe this cost is closer to \$294,925. However, we also noted that some of the sewer relocation items in the price proposal are double counted in the original bid. Subtracting the estimated quantity and cost of these items results in **an estimated net increase to the Contract of \$252,950**. This estimated cost is reflected in Work Change Directive No 6.

Work on Erie Street shall be split into two phases with construction of the first phase in 2025 and construction of the second phase in 2026 in accordance with the attached Phasing Plan drawing.

Final cost of this Work will be adjusted to reflect actual quantities of existing bid items, actual cost of additional items and any revised unit prices of existing bid items after pricing negotiations are concluded.







PHASING PLAN

STATION	DESCRIPTION
575	PROPOSED 12" STORM SEWER RCP CL 5
585	PROPOSED 15" STORM SEWER RCP CL 5
595	PROPOSED 12" SANITARY SEWER RCP CL 3
605	PROPOSED 18" STORM SEWER RCP CL 3
615	PROPOSED 23x14" STORM SEWER RCP CL 3

Global Water Center • Fox Valley  
 Waukesha • Kenosha • Madison  
[www.ruekertmiekle.com](http://www.ruekertmiekle.com)

# 42-inch Transmission Water Main Phase 3 Erie Street

## Revised Price Proposal



### Super Excavators Inc.

N59 W14601 Bobolink Ave.

Menomonee Falls, WI 53051

Contact: Chad Hoepfner

Phone: 262-252-3200

Fax:

Quote To: Racine Water and Wastewater Utility

Job Name: Erie Street Revised

Quote Date: 7/28/2025 **REVISED: 8-06-25**

Phone:

Date of Plans: June 2025

Fax:

Pricing Contingent on Final Design

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	12" SANITARY SEWER	134.00	LF	369.00	49,446.00
20	8" SANITARY SEWER	13.00	LF	791.00	10,283.00
25	6" SANITARY LATERALS	28.00	LF	895.00	25,060.00
30	SANITARY MANHOLES	4.00	EA	6,167.00	24,668.00
35	12" STORM SEWER PIPE	240.00	LF	257.00	61,680.00
37	15" STORM SEWER PIPE	110.00	LF	214.00	23,540.00
40	18" STORM SEWER PIPE	160.00	LF	215.00	34,400.00
45	14X23 HE RCP STORM SEWER PIPE	40.00	LF	326.00	13,040.00
50	STORM MANHOLES	7.00	EA	5,050.00	35,350.00
55	CATCH BASINS	2.00	EA	3,600.00	7,200.00
	<b>Revised Additional Erie Street Utilities</b>				<b>284,667.00</b>
70	42-inch Water Main w/ Granular Backfill DI or PVC	985.00	L.F.	2,600.00	2,561,000.00
80	42-inch Butterfly Valve (Domestic)	1.00	EA	87,628.00	87,628.00
90	42-inch Butterfly Valve (Non-Domestic)	1.00	EA	66,545.00	66,545.00
100	Slurry Backfill in Lieu of Granular Backfill	1.00	CY	67.22	67.22
<b>GRAND TOTAL</b>					<b>\$2,999,907.22</b>

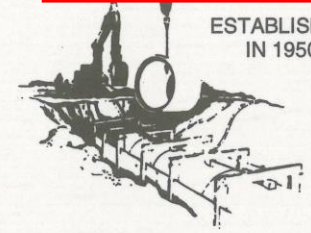
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AN EQUAL OPPORTUNITY EMPLOYER

SUPER EXCAVATORS, INC.

**CHANGE ORDER NO 2  
ATTACHMENT D**



ESTABLISHED  
IN 1950

October 14, 2025

Mr. Anthony Petersen  
Ruekert-Mielke

RE: Racine 42-Inch Water Main Transmission Ph 3  
Price Proposal Breakdown 42-inch Watermain w/Granular Backfill (DI or PVC Only) - Erie Street Revised Drawings

We are submitting this price proposal to include additional work necessary for costs associated with plan amendments & revisions.

**Part A:** Price Proposal breakdown information for the costs associated with the 42-inch Watermain w/Granular Backfill (DI or PVC Only).

**Revised 6/02/2026**

Erie Street Price Proposal							
Line Item	LABOR/EQUIPMENT/MATERIAL DESCRIPTION	QTY.	UNITS	UNIT PRICE	EXTENSION	15% OH & P	Total
#1	42-inch WM w/Granular Backfill DI or PVC Only (Contract Unit Price)		LF	\$2,050.00	\$0.00		\$0.00
#2	Additional 42-inch WM 22 ½ Degree Bend (Contract Unit Price)	1	EA	\$14,980.00	\$14,980.00		\$14,980.00
#3	Additional 42-inch WM 11 ¼ Degree Bend (Contract Unit Price)	1	EA	\$16,700.00	\$16,700.00		\$16,700.00
#4	Additional 42-inch WM Megalug Assembly (Contract Unit Price)	2	EA	\$6,560.00	\$13,120.00		\$13,120.00
#5	42-inch Bell Harness Restraint w/Labor	5	EA	\$13,250.00	\$66,250.00	\$9,937.50	\$76,187.50
#6	Sheeting 2026						
	Mobilize sheet driving equipment.	1	LS	\$25,000.00	\$25,000.00	\$3,750.00	\$28,750.00
	Drive and pull 100 LF of 30' sheet piles	0.75	LS	\$35,000.00	\$26,250.00	\$3,937.50	\$30,187.50
	Sheet pile materials 50 LF x 30' PCZ18 (100%)	1	LS	\$50,000.00	\$50,000.00	\$7,500.00	\$57,500.00
#7	Additional Mobilizations 2025/2026	1	LS	\$50,000.00	\$50,000.00	\$7,500.00	\$57,500.00
	Yard Laborer \$21,636						
	Operator Class 3 \$12,617						
	Lowboy Tractor with Trailer \$14,688						
						<b>SUBTOTAL: \$294,925.00</b>	
						<b>TOTAL: <del>\$289,750.00</del></b>	
90	42-Inch Butterfly Valve (Non-Domestic)	1	EA	\$66,545.00	\$66,545.00		\$66,545.00
						<b>REVISED TOTAL</b>	<b>\$ 361,470.00</b>

Please contact me with any questions at (262) 933-9433.

Chad Hoepfner  
Project Manager  
(262) 933-9433

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**CHANGE ORDER NO 2  
ATTACHMENT E**

Work Change Directive No. Six (6)

Date of Issuance: August 8, 2025	Effective Date: August 4, 2025	
	Owner: Racine Water and Wastewater Utilities	
Contract: 42 Inch Water Main Phase 3 Mound Avenue to Main Street	Owner's Contract No.: W-23-7	
Contractor: Super Excavators, Inc.	Engineer: Ruekert & Mielke, Inc.	
Address: N59 W14601 Bobolink Ave Menomonee Falls, WI 53051	Engineer's Project No.: 8022-10031.313	
	Effective Date of Contract: February 2, 2024	

Contractor is directed to proceed with the following change(s):

Description:  
Construct relocated sanitary sewer and relocated storm sewer along Erie Street to allow room for new 42-inch water main in accordance with the attached revised drawing and Phasing Plan.

Reason for Work Change Directive:  
See attached.

- Attachments:
1. Attachment A to Work Change Directive No 5 and Work Change Directive No. 6.
  2. Sheet WM-10R-1-B stamped and dated July 15, 2025.
  3. Phasing Plan Sheet dated July 15, 2025.
  4. Price Proposal from Super Excavators, Inc. dated July 28, 2025 and revised on August 6, 2025.



**Purpose for Work Change Directive:**

To allow construction of Phase 2 of the new water main along Erie Street in 2026 even though the cost of the revisions is estimated. Final cost of this Work will be adjusted to reflect actual quantities of additional items installed.

**Estimated Changes:**

Contract Price    \$ 252,950.00    Estimated Increase

Contract Time      -   Days (Unknown)    To be Determined in 2026

<b>RECOMMENDED:</b>	<b>AUTHORIZED:</b>	<b>RECEIVED:</b>
Signature:  Digitally signed by Anthony D. Petersen Date: 2025.08.08 09:34:14-05'00'	Signature:  Anjuman Islam <small>Anjuman Islam (Aug 13, 2025 09:09:28 CDT)</small>	Signature: _____
Engineer (If required) Anthony D. Petersen, P.E. Ruekert & Mielke, Inc	Owner (Authorized Signature) Racine Water and Wastewater Utilities	Contractor (Authorized Signature) Super Excavators, Inc.
Title: <u>Project Manager</u>	Title: <u>Executive Director</u>	Title: _____
Date: <u>August 8, 2025</u>	Date: <u>13/08/25</u>	Date: _____

**Attachment A for Work Change Directive No. 5 and Work Change Directive No. 6**

August 8, 2025

42 Inch Water Main Phase 3 Mound Avenue to Main Street  
Racine, WI

## Reason for Work Change Directive:

The location of the existing buried fiber optic facilities was marked in the field by AT&T during the design process. The markings were surveyed by R/M and shown on the plan drawings. Based on this preliminary information, it was believed the fiber optic lines would not conflict with the construction of the 42-inch water main. However, there was a risk that the Contractor's means and methods used during construction and behavior of the soils along the walls of the trench in this area could impact our initial assumptions. These factors could not be fully known until after the construction contract was awarded and construction began. Super Excavators, Inc. (Racine Water Utility's Contractor or "Contractor") was required to coordinate with AT&T to conduct further investigation of the location and depth of the fiber optic lines to verify our assumptions. An estimated allowance of \$200,000 was included in the Contract to cover the cost of mitigating conflicts if they were verified to exist.

The result of the Contractor's field investigation showed the soils along the trench walls would likely cave in putting the fiber optic lines in conflict with construction. The Contractor then asked AT&T for a proposed plan and cost to relocate the fiber optic lines to avoid the conflicts. On June 26, 2024, AT&T proposed to relocate the buried facilities for an estimated cost of approximately \$345,000. The relocation process was quoted to take at least 6 months from acceptance of the AT&T proposal. In addition, the size of the fiber optic facility and scope of the relocations were more significant than contemplated. Therefore, AT&T's price proposal was significantly higher than the estimated allowance and the delay to the project was greater than anticipated. This caused other alternatives to be developed.

Multiple iterations of conceptual alternatives were developed and vetted with RWU staff for acceptability, the Contractor for constructability and the DNR for approvability. The preferred conceptual alternative developed on February 26, 2025, and was determined to be constructable by the Contractor on March 11, 2025. The concept included relocating storm and sanitary sewers to allow the water main alignment to shift away from the fiber optic lines. The Contractor's preliminary estimate to relocate the sewers was \$278,391, which was less than AT&T's proposal to relocate the fiber optic lines. The Contractor's estimated amount of time needed to construct the sewer relocations was significantly less than the estimated time needed to relocate the AT&T fiber optic lines. Therefore, the concept was authorized to go through the final design and approval steps. The DNR approved the revised drawings on July 24, 2025.

The Contractor provided a revised price proposal dated July 28, 2025 and revised on August 6, 2025. The price proposal included costs that have been broken down into three categories:

1. An increase of \$550 per linear foot of new 42-inch water main on Erie Street. Information provided by the Contractor indicates the unit price increase will cover items such as additional mobilizations, sheeting in areas to support the existing 42-inch sanitary sewer pipe, labor rate increases since bidding, and additional fittings and labor associated with the fittings. We estimate the quantity of the remaining 42-inch water main left to be installed and/or paid for to be 1,057.3 feet. Based on our estimated quantity, the **estimated increase to the Contract for this item would be \$581,515** if the proposed unit price increase is accepted. Additional details of the reasons for the increase will be requested for review. This estimated cost is reflected in Work Change Directive No 5.
2. A cost to install a new 42-inch butterfly valve, which is required by DNR and needed for phasing over two construction seasons. Due to a cost increase and long lead time on delivery of the approved valves used for the remainder of the project, the Contractor has provided a cost for two different valves ranging

between \$66,545.00 and 87,628.00. The lower cost valve has a lead time on delivery of a few weeks compared to approximately 28 weeks for the originally approved valve. Despite the differences in cost and lead time, either valve can be used. Racine Water Utility will need to decide which valve it is willing to accept. If the higher cost (originally approved) valve is used, then the **estimated increase to the Contract for this item would be \$87,628.00**. This estimated cost is reflected in Work Change Directive No 5.

3. A cost to relocate the existing sewers and provide slurry backfill in lieu of granular backfill in certain areas where the new 42-inch water main crosses the existing or relocated sewers as required by the City of Racine, \$284,734.22, based on their estimated quantities. Our estimated quantities of the relocated sewers and slurry backfill differ from the Contractor's estimate. Based on our estimated quantities and the proposed unit prices we believe this cost is closer to \$294,925. However, we also noted that some of the sewer relocation items in the price proposal are double counted in the original bid. Subtracting the estimated quantity and cost of these items results in **an estimated net increase to the Contract of \$252,950**. This estimated cost is reflected in Work Change Directive No 6.

Work on Erie Street shall be split into two phases with construction of the first phase in 2025 and construction of the second phase in 2026 in accordance with the attached Phasing Plan drawing.

Final cost of this Work will be adjusted to reflect actual quantities of existing bid items, actual cost of additional items and any revised unit prices of existing bid items after pricing negotiations are concluded.





# 42-inch Transmission Water Main Phase 3 Erie Street

## Revised Price Proposal



### Super Excavators Inc.

N59 W14601 Bobolink Ave.

Menomonee Falls, WI 53051

Contact: Chad Hoepfner

Phone: 262-252-3200

Fax:

Quote To: Racine Water and Wastewater Utility

Job Name: Erie Street Revised

Quote Date: 7/28/2025 **REVISED: 8-06-25**

Phone:

Date of Plans: June 2025

Fax:

Pricing Contingent on Final Design

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	12" SANITARY SEWER	134.00	LF	369.00	49,446.00
20	8" SANITARY SEWER	13.00	LF	791.00	10,283.00
25	6" SANITARY LATERALS	28.00	LF	895.00	25,060.00
30	SANITARY MANHOLES	4.00	EA	6,167.00	24,668.00
35	12" STORM SEWER PIPE	240.00	LF	257.00	61,680.00
37	15" STORM SEWER PIPE	110.00	LF	214.00	23,540.00
40	18" STORM SEWER PIPE	160.00	LF	215.00	34,400.00
45	14X23 HE RCP STORM SEWER PIPE	40.00	LF	326.00	13,040.00
50	STORM MANHOLES	7.00	EA	5,050.00	35,350.00
55	CATCH BASINS	2.00	EA	3,600.00	7,200.00
	<b>Revised Additional Erie Street Utilities</b>				<b>284,667.00</b>
70	42-inch Water Main w/ Granular Backfill DI or PVC	985.00	L.F.	2,600.00	2,561,000.00
80	42-inch Butterfly Valve (Domestic)	1.00	EA	87,628.00	87,628.00
90	42-inch Butterfly Valve (Non-Domestic)	1.00	EA	66,545.00	66,545.00
100	Slurry Backfill in Lieu of Granular Backfill	1.00	CY	67.22	67.22
<b>GRAND TOTAL</b>					<b>\$2,999,907.22</b>

# 42-inch Transmission Water Main Phase 3 Erie Street



## Revised Price Proposal

**CHANGE ORDER NO 2  
ATTACHMENT F**

**Super Excavators Inc.**

N59 W14601 Bobolink Ave.

Menomonee Falls, WI 53051

Contact: Chad Hoepfner

Phone: 262-252-3200

Fax:

Quote To: Racine Water and Wastewater Utility

Job Name: Erie Street Revised

Quote Date: 7/28/2025 Revised 6/02/2026

Phone:

Date of Plans: June 2025

Fax:

Pricing Contingent on Final Design

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	12" SANITARY SEWER	<span style="border: 1px solid red;">108</span> <del>134.00</del>	LF	369.00	<span style="border: 1px solid red;">39,852.00</span> <del>49,446.00</del>
20	8" SANITARY SEWER	<span style="border: 1px solid red;">18</span> <del>13.00</del>	LF	791.00	<span style="border: 1px solid red;">14,238.00</span> <del>10,283.00</del>
25	6" SANITARY LATERALS	<span style="border: 1px solid red;">24</span> <del>28.00</del>	LF	895.00	<span style="border: 1px solid red;">21,480.00</span> <del>25,060.00</del>
30	SANITARY MANHOLES	<span style="border: 1px solid red;">3</span> <del>4.00</del>	EA	6,167.00	<span style="border: 1px solid red;">18,501.00</span> <del>24,668.00</del>
35	12" STORM SEWER PIPE	<span style="border: 1px solid red;">115</span> <del>240.00</del>	LF	257.00	<span style="border: 1px solid red;">29,555.00</span> <del>61,680.00</del>
37	15" STORM SEWER PIPE	<span style="border: 1px solid red;">42</span> <del>110.00</del>	LF	214.00	<span style="border: 1px solid red;">8,988.00</span> <del>23,540.00</del>
40	18" STORM SEWER PIPE	<span style="border: 1px solid red;">110</span> <del>160.00</del>	LF	215.00	<span style="border: 1px solid red;">23,650.00</span> <del>34,400.00</del>
45	14X23 HE RCP STORM SEWER PIPE	<span style="border: 1px solid red;">15</span> <del>40.00</del>	LF	326.00	<span style="border: 1px solid red;">4,890.00</span> <del>13,040.00</del>
50	STORM MANHOLES	<span style="border: 1px solid red;">5</span> <del>7.00</del>	EA	5,050.00	<span style="border: 1px solid red;">25,250.00</span> <del>35,350.00</del>
55	CATCH BASINS	<span style="border: 1px solid red;">0</span> <del>2.00</del>	EA	3,600.00	<span style="border: 1px solid red;">0.00</span> <del>7,200.00</del>
<del>Revised Additional Erie Street Utilities</del>					<del>284,667.00</del>
<del>70</del>	<del>42-inch Water Main w/ Granular Backfill DI or PVC</del>	<del>985.00</del>	<del>LF</del>	<del>2,600.00</del>	<del>2,561,000.00</del>
<del>80</del>	<del>42-inch Butterfly Valve (Domestic)</del>	<del>1.00</del>	<del>EA</del>	<del>87,628.00</del>	<del>87,628.00</del>
<del>90</del>	<del>42-inch Butterfly Valve (Non-Domestic)</del>	<del>1.00</del>	<del>EA</del>	<del>66,545.00</del>	<del>66,545.00</del>
100	Slurry Backfill in Lieu of Granular Backfill	<span style="border: 1px solid red;">0</span> <del>1.00</del>	CY	67.22	<span style="border: 1px solid red;">0.00</span> <del>67.22</del>
<b>GRAND TOTAL</b>					<span style="border: 1px solid red;"><b>REVISIED GRAND TOTAL</b></span> <span style="border: 1px solid red; padding: 2px;"><b>186,404.00</b></span> <del>\$2,999,907.22</del>

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WCD #5

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CHANGE ORDER NO 2  
ATTACHMENT G

5/18/2026

Anthony Petersen  
Ruekert & Mielke  
W233 N2080 Ridgeway Parkway  
Waukesha, WI 53188

RE: REBID 42-inch Transmission Watermain Phase 3  
Mound Ave to Main St  
Project W-23-7  
Racine Water and Wastewater Utilities

Subject: Request for a time extension

Mr. Petersen,

We request additional time to complete the aforementioned project due to multiple setbacks beyond our control which is explained below.

- **Milestone 3:** (Revised by CO #1) Complete all water main installation, testing, and restoration in Erie Street from Station 601+75 to Station 612+00 by November 21, 2025, be extended to August 1, 2026.
- **Milestone 5:** (Added by CO #1) Complete all water main installation, testing, and restoration in State Street, Lasalle Street and Liberty Street by July 11, 2025, be extended to August 1, 2026.
- **Extend the substantial completion deadline in the Agreement to August 1, 2026.**
- **Extend the ready for final payment deadline in the Agreement to December 29, 2026.**

We have had multiple setbacks such as fiber optic duct package conflicts at the intersection of State Street and Lasalle Street, moving Valve V-6 at the intersection of Erie Street and State Street, adding Valve V-6A on Erie Street and the additional connection to the existing water system at the west end of State Street.

Thank you,

Chad Hoepfner  
Project Manager  
Super Excavators Inc.