

**Racine Water and  
Wastewater Utilities**

Keith E. Haas, P.E.  
General Manager



Michael L. Gitter, P.E.  
Chief of Operations  
Kenneth M. Scolaro, C.P.A.  
Administrative Manager  
Chad W. Regalia, P.E.  
Chief Engineer

February 9, 2021

**Board of Waterworks Commissioners:**

Mayor Cory Mason  
Alderman John Tate II  
Alderman Terry McCarthy  
Shannon Powell  
Stacy Sheppard  
Natalia Taft  
Matthew Recj  
Kathleen Fischer

**SUBJECT:** Change Order No.3 – Contract W-18-9 – West Rd. Transmission Water Main

Dear Commissioners:

Submitted for your review and approval is Change Order No. 3 on Contract W-18-9, West Rd. Transmission Water Main, A.W. Oakes & Son, Inc. (contractor), in the credit amount of \$8,634.00.

This change order consists of the following:

1. Install Bentonite clay dam and drain tile north of STH 20 to alleviate flooding to the adjacent farm field.	\$ 13,070.00
2. Drain Tile Exploration north STH 20 east of water main trench	\$918.00
3. Drain Tile Exploration north of STH 20 west of water main trench	2,378.00
4. Eliminate Bid Item 38, Road Maintenance Allowance	(25,000.00)
<b>TOTAL</b>	<u>(\$ 8,634.00)</u>

The original contract amount is \$2,583,902.75. Previous change orders decreased the total contract amount to \$2,535,842.75. Change Order No. 3 would decrease the total contract amount to \$2,527,208.75. These change orders reflect a decrease of 2.2% on the original contract amount.

Sincerely,

Michael Gitter  
Interim General Manager

MG/eg

Change Order No. Three (3)

Date of Issuance: January 15, 2021	Effective Date: Upon approval of Owner
Contract: West Road Transmission Water Main	Owner: Racine Water & Wastewater Utility
Contractor: A.W. Oakes & Son, Inc.	Owner's Contract No.: W-18-9
Address: 2000 Oakes Road	Engineer: Ruekert & Mielke, Inc.
Racine, WI 53406	Engineer's Project No.: 8022-10027.301
	Effective Date of Contract: January 2, 2019

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

Description:

1. Install bentonite clay dam and drain tile north of STH 20 to alleviate flooding to the adjacent farm field.
2. Adjust Contract Times to reflect Substantial Completion and Ready for Final Payment dates.

Reason for Change Order:

See attached listing.

Attachments:

Analysis of Change Order No. Three (3), Work Change Directive No. 3, A.W. Oakes Time and Material Requests for Drain Tile Exploration for the east side of the trench dated 11/18/2020, and A.W. Oakes Time and Material Requests for Drain Tile Exploration for the west side of the trench dated 11/18/2020.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price \$ 2,583,902.75	Original Contract Times: Substantial Completion: <u>May 23, 2019</u> Ready for Final Payment: <u>July 1, 2019</u> days or dates
Increase or Decrease from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : \$ (48,060.00)	Increase or Decrease from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : Substantial Completion: <u>20</u> Ready for Final Payment: <u>20</u> days
Contract Price prior to this Change Order: \$ 2,535,842.75	Contract Times prior to this Change Order: Substantial Completion: <u>June 12, 2019</u> Ready for Final Payment: <u>July 20, 2019</u> days or dates
Increase or decrease of this Change Order: \$ (8,634.00)	Increase of this Change Order: Substantial Completion: <u>August 15, 2019</u> Ready for Final Payment: <u>January 15, 2021</u> days or dates
Contract Price incorporating this Change Order: \$ 2,527,208.75	Contract Times with all approved Change Orders: Substantial Completion: <u>August 15, 2019</u> Ready for Final Payment: <u>January 15, 2021</u> days or dates

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: Bren E. Fischer  
Engineer (Authorized Signature)

Brennen E. Fischer, P.E.  
Ruekert & Mielke, Inc.

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

By: Jan J. Ruekert  
Contractor (Authorized Signature)

Date: January 15, 2021

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

Date: 1/21/21

1/15/2021

00 63 63-1

Ruekert & Mielke, Inc.  
~8022-10027 West Road Transmission Water Main > 300 Construction > Changes > 00 63 63 Change Order No. 3.doc~

**West Road Transmission Water Main  
Racine Water Utility  
Ruekert & Mielke, Inc. Analysis of Change Order No. Three (3)**

**Description of Items:**

- 1) Work Change Directive No. 3
  - a. Install bentonite clay dam and drain tile north of STH 20 to alleviate flooding to the adjacent farm field. - \$13,070.00
- 2) Drain Tile Exploration north of STH 20 east of water main trench - \$918.00
- 3) Drain Tile Exploration north of STH 20 west of water main trench - \$2,378.00
- 4) Eliminate Bid Item 38, Road Maintenance Allowance – Deduct \$25,000.00

**Synopsis of items:**

1)	\$	13,070.00
2)	\$	918.00
3)	\$	2,378.00
4)	\$	<u>(25,000.00)</u>
	\$	(8,634.00)

Original Contract Amount:	\$2,583,902.75
Executed Change Order(s):	<u>\$(48,060.00)</u>
Contract Price Prior to This Change Order:	\$2,535,842.75
 Contract Price Prior to This Change Order:	 \$2,535,842.75
Decrease of Change Order No. Two (3):	<u>\$(8,634.00)</u>
Contract Price Incorporating this Change Order:	\$2,527,208.75

Date of Issuance:	October 15, 2020	Effective Date:	October 15, 2020
		Owner:	Racine Water Utility
Contract:	West Road Transmission Water Main	Owner's Contract No.:	W-18-9
Contractor:	A.W. Oakes & Sons, Inc.	Engineer:	Ruekert & Mielke, Inc.
Address:	2000 Oakes Road	Engineer's Project No.:	8022-10027.301
	Racine, WI 53406	Effective Date of Contract:	January 2, 2019

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

Description:

Install a bentonite clay dam around the previously installed 36-inch water main north of S.T.H. 20 (\$13,070.00).

Reason for Work Change Directive:

After the 36-inch water main was installed north of S.T.H. 20 a portion of the adjacent farm field to the west of the water main trench has been significantly more saturated than compared to historical photographs. It is believed that the high ground water at S.T.H. 20 is following the new granular water main trench and seeping out of the side slope of West Road resulting in the increased saturation.

Attachments:

A.W. Oakes additional cost proposal received on October 6, 2020.

**Purpose for Work Change Directive:**

Authorization for Work described herein to proceed on the agreed upon listed prices.

**Estimated Changes:**

Contract Price \$ 13,070.00 Increase

Contract Time 0 days.

RECOMMENDED:

AUTHORIZED:

RECEIVED:

By: <u>Bren E. Fin</u>	By: <u>Michael Gitter</u>	By: <u>Janet P. Mielke</u>
<u>Brennen E. Fischer, P.E.</u>	<u>Michael Gitter</u>	<u>Janet P. Mielke</u>
Engineer (If required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Project Manager</u>	Title: <u>Chief of Operations</u>	Title: <u>P.M.</u>
Date: <u>October 15, 2020</u>	Date: <u>Nov 5, 2020</u>	Date: <u>11/6/20</u>

### Bentoniite Slurry Dam Wall Breakdown

Mobilization		1 Lump Sum	\$ 1,000.00
Foreman	\$ 110.00	10 Hours	\$ 1,100.00
Pickup Truck	\$ 30.00	10 Hours	\$ 300.00
Operator	\$ 108.00	10 Hours	\$ 1,080.00
Excavator	\$ 150.00	10 Hours	\$ 1,500.00
Operator	\$ 108.00	10 Hours	\$ 1,080.00
Vac Truck	\$ 150.00	10 Hours	\$ 1,500.00
Topman	\$ 103.00	10 Hours	\$ 1,030.00
Pipelayer	\$ 103.00	10 Hours	\$ 1,030.00
Trench Box	\$ 20.00	10 Hours	\$ 200.00
Tool Trailer	\$ 20.00	10 Hours	\$ 200.00
Quadaxle	\$ 125.00	10 Hours	\$ 1,250.00
Bentonite Slurry	\$ 180.00	10 CY	\$ 1,800.00
Total			\$ 13,070.00



**EARTHWORK • UTILITIES • SITE DEVELOPMENT • ENVIRONMENTAL SERVICES**

2000 Oakes Road. Racine, Wisconsin 53406  
Phone: (262) 886-4474 • Fax: (262) 886-4475

*~ An Equal Opportunity Employer ~*

November 18, 2020

RE: Drain Tile Exploration

Project:: West Road Transmission Water Main W-18-9

Brennen Fischer  
Ruekert Mielke - Project Engineer  
W233N2080 Ridgeview Pkwy  
Waukesha, WI 53185

Dear Brennen,

Following is the invoice for the drain tile exploration on the east side of West Rd. north of Hwy 20. Please contact me with any questions at 262-977-3511.

Description	Rate	Unit	Quantity	Extended
Foreman	\$ 110.00	HR	2	\$ 220.00
Pickup	\$ 30.00	HR	2	\$ 60.00
Operator	\$ 108.00	HR	2	\$ 216.00
Operator	\$ 108.00	HR	2	\$ 216.00
Pipelayer	\$ 103.00	HR	2	\$ 206.00
			<b>Total</b>	<b>\$ 918.00</b>

Sincerely,

Jay Beesley

A.W. Oakes & Son, Inc.



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Phone: (262) 886-4474 • Fax: (262) 886-4475

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November 18, 2020

RE: Drain Tile Exploration

Project:: West Road Transmission Water Main W-18-9

Brennen Fischer  
Ruekert Mielke - Project Engineer  
W233N2080 Ridgeview Pkwy  
Waukesha, WI 53185

Dear Brennen,

Following is the invoice for the drain tile exploration on the west side of West Rd. north of Hwy 20. Please contact me with any questions at 262-977-3511.

Description	Rate	Unit	Quantity	Extended
	\$			
Foreman	110.00	HR	4.5	\$495.00
	\$			
Pickup	30.00	HR	4.5	\$135.00
	\$			
Operator	108.00	HR	4.5	\$486.00
	\$			
Operator	108.00	HR	4.5	\$486.00
	\$			
Pipelayer	103.00	HR	4.5	\$463.50
Mobe	\$			
(Lowboy)	125.00	HR	2.5	\$312.50
Total				\$2,378.00

Sincerely,

Jay Beesley

A.W. Oakes & Son, Inc.