

Highland Lake Well Test and Drill

Summary of Change Orders

Original Contract Amount: \$520,059.00 including \$50,000 owner's directed allowance

Original Contract amount		\$520,059.00	include \$50,000 owner's directed allowance from contracted 300' to 1021' at \$117/foot
CO#1 Drill Deeper	+	\$84,972.00	
CO#2 6" Casing/Liner	+	\$193,532.00	
CO#3 Rig/Crew Downtime	+	\$46,290.00	
CO#4 Descope & owner's directive	-	\$165,341.00	
CO#5 Pumping water to Storm	+	\$11,780.00	Desclope \$115,692 + Owner's direct \$50,000
Net increase		\$171,233.00	
Contract Price with all approved Change Orders		\$691,292.00	

CHANGE ORDER NO. 1

Owner: Lake County Department of Public Works

Date April 3, 2025Project: Highland Lake Water System Phase 2 – Water Supply Well Drill and Test Owner's _____

Contract No. PW# _____ 2020.108 Contractor _____

Municipal Well and PumpDate of Contract Start December 4, 2024\$ 520,059

You are directed to make the following changes in the Contract Documents. Description:

Cost changes to drill deeper totaling \$84,792.

Reason for Change Order: Additional 721 feet of drilling 7 7/8" hole totaling \$84,357.
Add Drill extra 3 feet of 12" hole totaling \$765.
Add Install extra 3 feet of 12" casing totaling \$201
Deduct 3 feet of 7 7/8" hole totaling (\$351)

CONTRACT PRICE

Original: \$ 520,059.00
Previous Change Orders: \$ 0.00
This Change Order: \$ 84,972.00
Contract Price with all
approved Change Orders: \$ 605,031.00

CONTRACT TIMES (Calendar Days)

	To substantial completion	To final completion
Original:	_____	_____
Previous Change Orders:	_____	_____
This Change Order:	_____	_____
Total of all approved Change Orders:	_____	_____
Original Completion Date:	_____	_____
Revised Completion Date:	_____	_____

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

PROPOSED:

By: *Jared Costich*
Contractor (Authorized Signature)

5/07/2025

Date

RECOMMENDED:

By: *B. Albrecht Sloan*
Engineer (Authorized Sig.) (Engineering Supervisor)

5/15/2025

Date

APPROVED:

By: _____
Owner (Authorized Signature) (~~Director~~) (County Administrator)

Date

NOTE: OWNER is required to complete a Change Order Authorization form if change decrease or increase is for \$10,000 or more, or time of completion is 30 days or more.

CHANGE ORDER # 1
SUMMARY

1. This Change Order provides:

The original contract was to drill a new well up to 300 feet. However, there was no water within the 300 feet, and no water in limestone layer below (300 feet to 877 feet) either. It was needed to drill into sandstone formation where water production is more promising. The total additional drill was 721 feet (300 feet to 1021 feet).

End of Change Order Summary

CHANGE ORDER NO. 2

Owner: Lake County Department of Public Works

Date April 30, 2025Project: Highland Lake Water System Phase 2 – Water Supply Well Drill and Test Owner's _____

Contract No. PW# _____ 2020.108 Contractor _____

Municipal Well and Pump

Date of Contract Start December 4, 2024\$ 520,059

You are directed to make the following changes in the Contract Documents. Description:
Increase contract by \$193,532 per the attached project proposal to install 6" Casing/Liner.

Reason for Change Order: Install 6" Casing/Liner**CONTRACT PRICE**

Original: \$ 605,031.00
Previous Change Orders: \$ 0.00
This Change Order: \$ 193,532.00
Contract Price with all
approved Change Orders: \$ 798,563.00

CONTRACT TIMES (Calendar Days)

To substantial
completion To final
completion

Original: _____
Previous Change Orders: _____
This Change Order: _____
Total of all approved
Change Orders: _____
Original Completion Date: _____
Revised Completion Date: _____

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

PROPOSED:

By: Jared Ostrowski
Contractor (Authorized Signature)

5/07/2025

Date

RECOMMENDED:

By: B. Albrecht Sloan
Engineer (Authorized Sig.) (Engineering Supervisor)

5/15/2025

Date

APPROVED:

By: _____
Owner (Authorized Signature) (~~Director~~) (County Administrator)

Date

NOTE: OWNER is required to complete a Change Order Authorization form if change decrease or increase is for \$10,000 or more, or time of completion is 30 days or more.



Project Proposal

Re: Highland Lake - Liner

Item #	Item Description	Quantity	Units	Unit Price	Extended Price
1	Mobilize/Demobilize	1.00	LS	\$ 73,310.00	\$ 73,310.00
2	Backfill Well est. 1000' to 550'	6.00	CY	622.00	3,732.00
3	F & I 6" Grout Shoe	1.00	EA	1,150.00	1,150.00
4	F & I 6" SCH 40 Well Casing	550.00	FT	42.00	23,100.00
5	Grout Set Up	1.00	LS	6,280.00	6,280.00
6	Grout 6" Liner	60.00	BAGS	56.00	3,360.00
7	Drill & Bail Shoe & Backfill	100.00	HR	826.00	82,600.00
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48				-	-
Total Project Proposal					\$ 193,532.00

Dated: April 9, 2025

By:

Brian Brodersen

Brian Brodersen
Senior Project Engineer
Municipal Well & Pump

P.O. Box 311, Waupun, WI 53963 – Office: 920-324-3400 – Toll-Free: 800-383-7412 – Fax: 920-324-3431

www.municipalwellandpump.com

CHANGE ORDER AUTHORIZATION #2

for

Illinois Public Projects

Contract Number 24352 Date: May 15, 2025

Project: Highland Lake Water System Phase 2 – New Water Supply Well Drilling and Testing

This Change Order authorizes: (check one)

☐ (a) an increase/decrease in the cost of the contract by \$10,000 or more
(\$193,532.00)
amount

[] (b) an increase/decrease in the time of completion by 30 days or more
()
amount

OWNER (or its designee _____) has determined that the circumstances said to necessitate the change in performance, which are See Attached Change Order Summary (give circumstances requiring change)

(check one)

☐ (a) were not reasonably foreseeable at the time the contract was signed.
☐ (b) were not within the contemplation of the contract as signed.
☐ (c) are in the best interest of the district or region and authorized by law.

B. Albrecht Sloan 5/15/2025

Prepared by (ENGINEER) (Engineering Supervisor) Date

Authorized by (OWNER) (County Administrator)	Date
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OWNER shall preserve a copy of this authorization in a permanent contract file that is open to the public in accordance with P.A. 85-1295, Ill. Rev. Stat. ch. 38, par. 33E-9.

CHANGE ORDER #2
SUMMARY

1. This Change Order provides:

Casing the well through limestone/shale layers to sandstone formation is required by IEPA. The casing pipe is a 6-inch SCH 40 pipe. Please refer to CO #1 for the need to drill into sandstone layers.

End of Change Order Summary

CHANGE ORDER NO. 3

Owner: Lake County Department of Public Works

Date April 30, 2025Project: Highland Lake Water System Phase 2 – Water Supply Well Drill and Test Owner's _____

Contract No. PW# _____ 2020.108 Contractor _____

Municipal Well and PumpDate of Contract Start December 4, 2024\$ 520,059

You are directed to make the following changes in the Contract Documents. Description:

Increase contract by \$46,290 for drill rig down time and test pumping performed per the attached detail.

Reason for Change Order: Costs associated with drill rig down time while waiting from March 19 to March 28 and test pumping performed.

CONTRACT PRICE

Original: \$ 798,563.00
Previous Change Orders: \$ 0.00
This Change Order: \$ 46,290.00
Contract Price with all
approved Change Orders: \$ 844,853.00

CONTRACT TIMES (Calendar Days)

To substantial
completion

To final
completion

Original: _____
Previous Change Orders: _____
This Change Order: _____
Total of all approved
Change Orders: _____

Original Completion Date: _____

Revised Completion Date: _____

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

PROPOSED:By: Jared Costich
Contractor (Authorized Signature)5/07/2025

Date

RECOMMENDED:By: B. Albacur
Engineer (Authorized Sig.) (Engineering Supervisor)5/15/2025

Date

APPROVED:By: _____
Owner (Authorized Signature) ~~(Director)~~ (County Administrator)_____
Date

NOTE: OWNER is required to complete a Change Order Authorization form if change decrease or increase is for \$10,000 or more, or time of completion is 30 days or more.



Project Proposal

Re: Rig Down Time / Test Pumping

Item #	Item Description	Quantity	Units	Unit Price	Extended Price
1	Rig Down Time - Waiting March 19 no drilling	8.00	HR	\$ 700.00	5,600.00
2	Crew time on Site - March 19 No drilling, 2MCwT	7.00	HR	400.00	2,800.00
3	Rig Down Time - Waiting March 20 no drilling	3.50	HR	700.00	2,450.00
4	Crew time on Site - March 20 no drilling, 2MCwT	3.50	HR	400.00	1,400.00
5	Rig Down Time - Waiting March 27 no drilling, down to televis	8.00	HR	700.00	5,600.00
6	Rig Down Time - Waiting March 28 - no drilling waiting after te	8.00	HR	700.00	5,600.00
7	Rig Down Time - Waiting April 2 - waiting on decision to pump	8.00	HR	700.00	5,600.00
8	Test Pumping - Load, prep and mob to site - April 2, 2MCwT	4.00	HR	400.00	1,600.00
9	Set Pump with Drill Rig, test pump, Removed - April 3	11.00	HR	1,100.00	12,100.00
10	Test Pumping - Return to Shop 3MCwT	6.00	HR	590.00	3,540.00
11				-	-
12				-	-
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47				-	-
48				-	-
Total Project Proposal					\$ 46,290.00

Dated: April 30, 2025

By:

Brian Brodersen

Brian Brodersen
Senior Project Engineer
Municipal Well & Pump

P.O. Box 311, Waupun, WI 53983 – Office: 920-324-3400 – Toll-Free: 800-383-7412 – Fax: 920-324-3431

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CHANGE ORDER #3
SUMMARY

1. This Change Order provides:
Rig and crew downtime due to decision making processes for drilling deeper. The CO also includes additional fees for an additional test pumping including mobilization/demobilization and testing.

End of Change Order Summary

CHANGE ORDER NO. 4 _____

Owner: Lake County Department of Public Works

Date April 30, 2025Project: Highland Lake Water System Phase 2 – Water Supply Well Drill and Test Owner's _____

Contract No. PW# _____ 2020.108 Contractor _____ Municipal Well and Pump

Date of Contract Start December 4, 2024 \$ 520,059

You are directed to make the following changes in the Contract Documents. Description:

Decrease contract by \$165,341 to remove scope and owner's directive allowance per attached proposal.

Reason for Change Order: Remove scope from contract and the owner's directive allowance.

CONTRACT PRICE		CONTRACT TIMES (Calendar Days)	
		To substantial completion	To final completion
Original:	\$ 844,853.00	Original:	_____
Previous Change Orders:	\$ 0.00	Previous Change Orders:	_____
This Change Order:	\$ (165,341.00)	This Change Order:	_____
Contract Price with all approved Change Orders:	\$ 679,512.00	Total of all approved Change Orders:	_____
		Original Completion Date:	_____
		Revised Completion Date:	_____

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

PROPOSED:

By: *Janet Ostrowski*
Contractor (Authorized Signature)5/07/2025

Date

RECOMMENDED:

By: *B. Albert Gloer*
Engineer (Authorized Sig.) (Engineering Supervisor)5/15/2025

Date

APPROVED:

By: _____
Owner (Authorized Signature) (~~Director~~) (County Administrator)

Date

NOTE: OWNER is required to complete a Change Order Authorization form if change decrease or increase is for \$10,000 or more, or time of completion is 30 days or more.



Project Proposal

Re: Remove Scope and Owner's Directive Allowance

Item #	Item Description	Quantity	Units	Unit Price	Extended Price
1	Item 18 - Remove: Airpulse Development	(1.00)	LS	\$ 16,180.00	(16,180.00)
2	Item 19 - Remove: Bailing after Development	(16.00)	HR	686.00	(10,976.00)
3	Item 20 - Remove: Acid Mob/Demob	(1.00)	LS	23,690.00	(23,690.00)
4	Item 21 - Remove: Acid Rehab	(350.00)	GAL	13.00	(4,550.00)
5	Item 24 - Remove: Abandon Test Well	(300.00)	VF	43.00	(12,900.00)
6	Item 27 - Remove: SS Screen - S&G Well	(10.00)	VF	347.00	(3,470.00)
7	Item 28 - Remove: Gravel Pack - S&G Well	(15.00)	CF	623.00	(9,345.00)
8	Item 29 - Remove: Silica Sand Seal - S&G Well	(5.00)	CF	476.00	(2,380.00)
9	Item 30 - Remove: Bentonite Chip Seal - S&G	(5.00)	CF	464.00	(2,320.00)
10	Item 31 - Site Restoration	(1.00)	LS	29,530.00	(29,530.00)
11	Item 33 - Deduct Owner Directed Allowance	(1.00)	LS	50,000.00	(50,000.00)
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Total Project Proposal					\$ (165,341.00)

Dated: April 30, 2025

By:

Brian Brodersen

Brian Brodersen
Senior Project Engineer
Municipal Well & Pump

P.O. Box 311, Waupun, WI 53963 – Office: 920-324-3400 – Toll-Free: 800-383-7412 – Fax: 920-324-3431

www.municipalwellandpump.com

CHANGE ORDER AUTHORIZATION #4

for

Illinois Public Projects

Contract Number 24352 Date: May 15, 2025

Project: Highland Lake Water System Phase 2 – New Water Supply Well Drilling and Testing

This Change Order authorizes: (check one)

[] (a) an increase/decrease in the cost of the contract by \$10,000 or more
 (-\$165,341.00)
 amount

[] (b) an increase/decrease in the time of completion by 30 days or more
(_____) amount

OWNER (or its designee _____) has determined that the circumstances said to necessitate the change in performance, which are See Attached Change Order Summary (give circumstances requiring change)

(check one)

☐ (a) were not reasonably foreseeable at the time the contract was signed.
☐ (b) were not within the contemplation of the contract as signed.
☐ (c) are in the best interest of the district or region and authorized by law.

J. Albert Sloan

05/15/2025

Prepared by (ENGINEER) (Engineering Supervisor)

Date _____

Authorized by (OWNER) (County Administrator)

Date _____

OWNER shall preserve a copy of this authorization in a permanent contract file that is open to the public in accordance with P.A. 85-1295, Ill. Rev. Stat. ch. 38, par. 33E-9.

CHANGE ORDER #4
SUMMARY

1. This Change Order provides:
Descoped work for sand gravel well.

End of Change Order Summary

CHANGE ORDER NO. 5 _____

Owner: Lake County Department of Public Works

Date May 13, 2025Project: Highland Lake Water System Phase 2 – Water Supply Well Drill and Test Owner's Contract _____

No. PW# _____ 2020.108 Contractor _____

Municipal Well and Pump _____

Date of Contract Start December 4, 2024\$ 520,059

You are directed to make the following changes in the Contract Documents. Description: Increase contract by \$11,780.00 for pumping water into storm sewer per the attached cost change proposal. Add 136 days to the Substantial and Final Completion date for additional work needed in Change Orders 1 through 5.

Reason for Change Order: Pump water into storm sewer requiring irrigation piping.

Add 136 days to the Substantial and Final Completion date for additional work needed in Change Orders 1 through 5.

CONTRACT PRICE		CONTRACT TIMES (Calendar Days)	
		To substantial completion	To final completion
Original:	\$ <u>679,512.00</u>	<u>90 days</u>	<u>120 days</u>
Previous Change Orders:	\$ <u>0.00</u>		
This Change Order:	\$ <u>11,780.00</u>	<u>136 days</u>	<u>136 days</u>
Contract Price with all approved Change Orders:	\$ <u>691,292.00</u>		
Total of all approved Change Orders:		<u>136 days</u>	<u>136 days</u>
Original Completion Date:		<u>March 4, 2025</u>	<u>April 3, 2025</u>
Revised Completion Date:		<u>July 18, 2025</u>	<u>August 17, 2025</u>

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

PROPOSED:

By: *Janet Costich*
Contractor (Authorized Signature)5/13/2025

Date

RECOMMENDED:

By: *B. Albert Sloan*
Engineer (Authorized Sig.) (Engineering Supervisor)5/15/2025

Date

APPROVED:

By: _____
Owner (Authorized Signature) (~~Director~~) (County Administrator)

Date

NOTE: OWNER is required to complete a Change Order Authorization form if change decrease or increase is for \$10,000 or more, or time of completion is 30 days or more.



Project Proposal

Re: Highland Lake CCR5 - Irrigation Piping

Item #	Item Description	Quantity	Units	Unit Price	Extended Price
1	Load, Mob, Install Piping, Pickup Pipe, Demob	1.00	LS	\$ 10,880.00	\$ 10,880.00
2	Usage/Wear and Tear of 900 feet of Pipe	900.00	LF	1.00	900.00
3				-	-
4				-	-
5				-	-
6				-	-
7				-	-
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47				-	-
48				-	-
Total Project Proposal					\$ 11,780.00

Dated: May 13, 2025

By:

Scott De Young

Scott De Young
President / CFO
Municipal Well & Pump

P.O. Box 311, Waupun, WI 53963 – Office: 920-324-3400 – Toll-Free: 800-383-7412 – Fax: 920-324-3431

www.municipalwellandpump.com

CHANGE ORDER AUTHORIZATION #5

for

Illinois Public Projects

Contract Number 24352 Date: May 15, 2025

Project: Highland Lake Water System Phase 2 – New Water Supply Well Drilling and Testing

This Change Order authorizes: (check one)

☐ (a) an increase/decrease in the cost of the contract by \$10,000 or more
(\$11,780.00)
amount

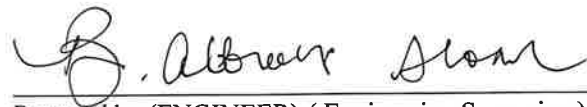
☐ (b) an increase/decrease in the time of completion by 30 days or more
(136 calendar days)
amount

OWNER (or its designee _____) has determined that the
circumstances said to necessitate the change in performance, which are See Attached Change Order Summary
(give circumstances requiring change)

_____ :

(check one)

- ☒ (a) were not reasonably foreseeable at the time the contract was signed.
☐ (b) were not within the contemplation of the contract as signed.
☐ (c) are in the best interest of the district or region and authorized by law.



Prepared by (ENGINEER) (Engineering Supervisor)

5/15/2025

Date

Authorized by (OWNER) (County Administrator)

Date

OWNER shall preserve a copy of this authorization in a permanent contract file that is open to the public in
accordance with P.A. 85-1295, Ill. Rev. Stat. ch. 38, par. 33E-9.

CHANGE ORDER #5
SUMMARY

1. This Change Order provides:
This change order consists of an additional fees for pump testing water into a storm sewer and a contract time extension request.

End of Change Order Summary