



Beachwood City Council Meeting Agenda - AMENDED
Monday, July 13, 2026, 7:00 PM
at Beachwood City Hall, Council Chambers,
25325 Fairmount Boulevard, Beachwood, Ohio 44122

Agenda

-Pledge of Allegiance to the Flag of the United States of America-

1. Roll Call
2. **Presentation:**
Zipline and Cleveland Clinic
3. **Public Hearing:**
Ordinance No. 2026-19 - An Ordinance Rezoning 2547 Edgewood Drive (PPN# 741-08-034) 2555 Edgewood Drive (PPN# 741-08-036) and 2561 Edgewood Drive (PPN# 741-08-037), from U-1 Single Family Residential District to U-5 Public and Institutional District
4. Citizen's Remarks (**City Council limits Citizen's Remarks to three (3) minutes each for a maximum of thirty (30) minutes unless so extended at the discretion of the President or a majority of Council per Council Rules of Procedure, Section 7, Rule 7.2)**)
5. Reports
 - a. Mayor
 - b. Council Member (non-agenda items)
 - c. Department Directors

Consent Agenda

Approval of Minutes

Finance & Development Committee Meeting held on June 11, 2026
Committee of the Whole Meeting held on June 15, 2026
Regular City Council Meeting held on June 15, 2026

Ordinances

1. **2026-26**

An Ordinance authorizing and directing the payment of certain claims (Bills) for professional and other services; and declaring this to be an urgent measure

Old Business (Regular Agenda)

Ordinances

1. 2026-19

An Ordinance Rezoning 2547 Edgewood Drive (PPN# 741-08-034) 2555 Edgewood Drive (PPN# 741-08-036) and 2561 Edgewood Drive (PPN# 741-08-037), from U-1 Single Family Residential District to U-5 Public and Institutional District

Placed on First Reading and Referred to the Planning and Zoning Commission:

May 4, 2026

Referred back from Planning and Zoning Commission: Positive Recommendation

May 28, 2026

Placed on Second Reading and Referred to Public Hearing: June 15, 2026

Public Hearing held on: July 13, 2026

New Business (Regular Agenda)

Ordinances

1. 2026-27

An Ordinance accepting the Planning and Zoning Commission's Recommendation for Variances at 24619 Chagrin Boulevard, Beachwood, Ohio; and declaring this to be an urgent measure

2. 2026-28

An Ordinance amending City of Beachwood Codified Ordinance Chapter 402 titled "Definitions"; and declaring this to be an urgent measure

3. 2026-29

An Ordinance amending City of Beachwood Codified Ordinance Chapter 474 titled "Bicycles and Motorcycles"; and declaring this to be an urgent measure

Resolutions

1. 2026-66

A Resolution authorizing the Mayor to enter into a First Amendment to the Community Reinvestment Area (CRA) Compensation Agreement with the Board of Education of the Beachwood City School District; and declaring this to be an urgent measure

2. 2026-67

A Resolution accepting a Quotation from Root Integrated Systems, LLC for the Purchase and Installation of Microphones and Backup Audio Recording Equipment for Conference Room A; and declaring this to be an urgent measure

3. 2026-68

A Resolution authorizing the Mayor to accept a Quotation for the Purchase of twelve (12) Winter Carbide Snowplow Cutting Edges for the Public Works Department; and declaring this to be an urgent measure

4. **2026-69**

A Resolution authorizing the Mayor to accept a quotation for the Purchase of one (1) Kubota RTV-X Long Bed Utility Cart for the Public Works Department; and declaring this to be an urgent measure

5. **2026-70**

A Resolution authorizing the Mayor to purchase one (1) X-Treme Vac Leaf Collection Unit for the Public Works Department from Best Equipment Co., Inc., under the Sourcewell Cooperative Purchasing Program; waiving competitive bidding; and declaring this to be an urgent measure

6. **2026-71**

A Resolution accepting a Certain Bid from Nerone and Sons, Inc. for the Pool Pump Replacement Project; and declaring this to be an urgent measure

~~7. **2026-72**~~

~~A Resolution authorizing the Mayor to enter into a renewal agreement with CINTAS Corporation for the rental of uniforms, floor mats (various sizes), and shop towels under the OMNIA Partners Cooperative Purchasing Program; waiving competitive bidding; and declaring this to be an urgent measure~~

8. **2026-73**

A Resolution authorizing an Agreement with Glaus, Pyle, Schomer, Burns and DeHaven, Inc. DBA GPD Group, for Professional Design Services for the Connector Road Project between Harvard and Mercantile/Commerce Park Roads; and declaring this to be an urgent measure

9. **2026-74**

A Resolution accepting a Certain Bid from Cargill, Inc. through the Joint Municipal Improvement Consortium to supply Untreated Rock Salt for Snow and Ice Removal for the 2026-2027 Winter Season; and declaring this to be an urgent measure

Correspondence

1. Notice of Legislative Authority – Ohio Division of Liquor Control

Any other matters coming before City Council

Adjournment

Next Regular Council Meeting will be held on: Monday, August 10, 2026 at 7:00 PM in Council Chambers. For all updates regarding Council Meetings, please visit: www.BeachwoodOhio.com

**Council Members: Danielle Shoykhet - President
Jillian DeLong – Vice President,
Alec Isaacson, Alex Jacobs, Peter L. Smith
Ali B. Stern, June E. Taylor
Clerk of Council: Whitney M. Crook, MMC, OCPM**

AN ORDINANCE AUTHORIZING AND DIRECTING THE PAYMENT OF CERTAIN CLAIMS (BILLS) FOR PROFESSIONAL AND OTHER SERVICES; AND DECLARING THIS TO BE AN URGENT MEASURE

BE IT ORDAINED by the Council of the City of Beachwood, State of Ohio, that the Director of Finance is hereby authorized and directed to issue his respective warrants for the following claims, to wit:

Section 1:

For Supplies and Services	July 13th , 2026	\$	98,467.52
All-American Fire Equipment	Invoice	\$	4,625.00
Code Consultation	Plan Review Service	\$	750.00
GPD	Engineering Services	\$	31,123.00
Icon-Civic Plus	Invoice	\$	5,027.40
Kutak Rock	Legal Services	\$	7,920.00
Osborn Engineering	Professional Services	\$	22,590.50
Roetzel	Legal Services	\$	19,030.00
Sixmo	Plan Review Services	\$	375.00
Tactical Planning	Plan Review Services	\$	2,400.00
Wildermuth, Michael	Plan Review Services	\$	687.50
Wingfoot-Goodyear	Invoice	\$	3,939.12

Section 2: It is found and determined that all formal actions and deliberation of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Ordinance is hereby declared an urgent measure immediately necessary for the public peace, health or safety or the efficient operation of the City; and for the further reason that it is necessary to approve said item and/or services available for use at the earliest possible time, to serve the City of Beachwood and its citizens.

WHEREFORE, this Ordinance shall be in full force and effect from and after the earliest date permitted by law.

Attest: I hereby certify that this legislation was duly adopted on the 13th of July 2026 and presented to the Mayor.

Clerk

Approval: I have approved this legislation this 14th day of July 2026 and filed it with the Clerk.

Mayor



All American Fire Equipment
PO BOX 146
ONA, WV 25545
Phone #:(304) 733-3581
Fax #: (304) 736-9557

Invoice Number: 204659
Credit Terms: 30 Days
Ticket Date: 1/12/2026
Cashed Out Date: 3/16/2026 - 10:56 AM
Parts Employee: (2002) ADAM GEORSKEY



PARTS - CUSTOMER COPY

BEACHWOOD, CITY OF
ATTN: ACCOUNTS PAYABLE
25325 FAIRMOUNT BLVD
BEACHWOOD OH 44122

OH-BEACIT Home: (216) 292-1965

ACCOUNTS@BEACHWOODOHIO.COM

Ship To: CITY OF BEACHWOOD
SHIPPING AND RECEIVING
23355 MERCANTILE ROAD
BEACHWOOD OH 44122

PO #: 2025-01753

RECEIVED

JUN 11 2026

FINANCE DEPT

Part #	Description	Drop Shipped	Qty	Selling Price	Extended Discount	Extended Price
V16-BL-SP	16" PPV M18, w/ Shore Power, No Battery, No Charger	☒	1.00	\$4,070.00	\$0.00	\$4,070.00
WH	WHEEL AND HANDLE KIT - 24.25" X 23.75" X 12.25"	☒	1.00	\$555.00	\$0.00	\$555.00
QF-204659	FREIGHT/HANDLING	☒	1.00	\$0.00	\$0.00	\$0.00

APPROVED FOR PAYMENT

BY: 2026-01430

DATE: OK TO PAY

P/O: 22 4/10/26

Pay Type	CC #	Amount
OA		\$4,625.00

Signature: 22
I AGREE TO PAY THE ABOVE TOTAL AMOUNT
Cashed Out By: (1060) BRIANA PERRONE
Cash Out Date: 3/16/2026
Cash Drawer: 005

Parts Total:	\$4,625.00
Core Total:	\$0.00
Freight Total:	\$0.00
Sublet Total:	\$0.00
Labor Total:	\$0.00
Other Charges:	\$0.00
Shop Supplies:	\$0.00
Sub Total:	\$4,625.00

Discount Total:	\$0.00
Ext Price:	\$4,625.00
Sales Tax:	\$0.00
Total:	\$4,625.00
Deposits:	\$0.00
Amount Due:	\$4,625.00

TERMS: PAYMENT DUE UPON RECEIPT. ALL PAST DUE ACCOUNTS WILL BE CHARGED 1.8% PER MONTH (21.6% Annual Rate) ON THE UNPAID BALANCE 30 DAYS FROM DATE OF INVOICE. Additional surcharges and pricing updates by the manufacturer have been added to this invoice. RETURNS: NO RETURNS ON ELECTRICAL ITEMS. NO RETURNS WITHOUT A SALES RECEIPT. THERE WILL BE A RESTOCKING CHARGE OF 20% ON NON-STOCK ITEMS! RETURNS MUST BE MADE WITHIN 30 DAYS. WARRANTIES: Any warranties on the products sold are made by the manufacturer. The seller hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products.

Printed On : 3/16/2026 10:56:39 AM

Page 1 of 1

CODE CONSULTATION & PLAN REVIEW SERVICES, LLC

RECEIVED

JUN 04 2026

FINANCE DEPT

June 1, 2026

The City of Beachwood
Accounts Payable
P.O. Box 22659
Beachwood, OH 44122

RE: Building Department Plan Review

INVOICE FOR PROFESSIONAL SERVICES RENDERED:

Plan review for the month of May 2026
(See attached sheet for breakdown)

\$750.00

Total amount due

Seven Hundred Fifty Dollars

\$750.00

Please make check payable to "Code Consultation & Plan Review Services, LLC." Thank you.



Paul Kowalczyk
Combination Examiner #CE-0000798

APPROVED FOR PAYMENT
BY: Liaci Gallagher
DATE: 6-4-26
P/O: 2026-00082

**City of Beachwood
Plan Examination Services
May 2026 Invoice**

Beachwood Plan Review No.:	PK Plan Review No.:	Project:	Time:	Charge:
157588	BW26-17 5/6/26	23533 Mercantile Road 23533 Mercantile Road Tenant Alterations	3 hours	\$375.00
2025-07595	BW25-37.2 5/7/26	The Goddard School 3875 South Green Road Building Addition – Addendum 03	1 hour	\$125.00
150001	BW26-18 5/9/26	Beachwood HS Athletic Facility Renovation 25100 Fairmount Blvd. Fire Sprinkler System Alterations	1 hour	\$125.00
144782	BW26-19 5/12/26	Beachwood – Vision Expansion 3733 Park Drive, Suite 240 Fire Alarm System Alterations	1 hour	\$125.00
Total:				\$750.00

Paul Kowalczyk
Combination Examiner #CE-000798

Summary of Engineering Invoices **July 13, 2026 Professional Service Ordinance**

Invoice #	Invoice Date	Original Amount	Adjustment	Payment Amount	Fund	Billed	Out	2026	2025	2024
								ENCUMBRANCES		
2026119.04-2	6/12/2026	\$3,230.00	\$0.00	\$3,230.00	General			X		
2026119.03-3	6/12/2026	\$9,077.50	\$0.00	\$9,077.50	Capital			X		
2026119.02-4	6/12/2026	\$2,734.00	\$0.00	\$2,734.00	Capital			X		
2026119.00-5	6/12/2026	\$4,550.00	\$0.00	\$4,550.00	General			X		
2025119.11-9	6/12/2026	\$5,520.00	\$0.00	\$5,520.00	Capital				X	
2025119.02-14	6/12/2026	\$445.00	\$0.00	\$445.00	Capital				X	
2026119.90-5	6/12/2026	\$4,120.00	\$0.00	\$4,120.00	General			X		
2021119.91-54	6/12/2026	\$1,166.50	\$0.00	\$1,166.50	Capital			X		
2025119.10-4	6/12/2026	\$280.00	\$0.00	\$280.00	General			X		

Total To Pay	<u>\$31,123.00</u>
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Total Capital Fund	\$18,943.00
Total General Fund	\$12,180.00
Total Deposits	\$0.00
Total Street Const. Mant.	\$0.00
Less: Billable Charges	\$0.00
Net Paid by City:	<u>\$31,123.00</u>



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice

RECEIVED

JUN 26 2026

FINANCE DEPT

City of Beachwood
 Attn: Chris Arrietta
 chris.arrietta@beachwoodohio.gov
 23355 Mercantile Road
 Beachwood, OH 44122

June 12, 2026

Invoice No: 2026119.04 - 2

Invoice	\$3,230.00
Total	

Project 2026119.04 Beachwood - Pool Pump Replacement Balance

Professional Services from April 25, 2026 to May 29, 2026

Fee

Total Fee	6,800.00		
Percent Complete	78.50	Total Earned	5,338.00
		Previous Fee Billing	2,108.00
		Current Fee Billing	3,230.00
		Total Fee	3,230.00

Total this Invoice \$3,230.00

Outstanding Invoices

Number	Date	Balance
1	5/8/2026	2,108.00
Total		2,108.00

APPROVED FOR PAYMENT

BY: C. Arrietta
 DATE: 6/18/26
 P/O: 2026-00077

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
05/08/26	2026119.04-1	2026119.04	04/24/26	SERVICE	\$2,108.00
06/12/26	2026119.04-2	2026119.04	05/29/26	SERVICE	\$3,230.00

\$5,338.00



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice

RECEIVED

JUN 26 2026

FINANCE DEPT

City of Beachwood
 Attn: Larry Heiser, Finance Director
 accounts@beachwoodohio.com
 25325 Fairmount Blvd.
 Beachwood, OH 44122

June 12, 2026

Invoice No: 2026119.03 - 3

Invoice Total \$9,077.50

Project 2026119.03 Beachwood - Bryden San & Storm Sewer Improvements Ph#1
Professional Services from April 25, 2026 to May 29, 2026

Task 001 Design
Professional Personnel

	Hours	Rate	Amount	
Project Principal				
Hobbs, Michael	3.00	165.00	495.00	
Sr. Project Manager				
Glass, Matthew	17.00	140.00	2,380.00	
Smith, Jason	8.00	140.00	1,120.00	
Design Engineer				
Backus, Harrison	8.00	120.00	960.00	
Getz, Collin	3.00	120.00	360.00	
Watson, Tyler	3.00	120.00	360.00	
Staff Designer				
Burns, Stephen	.50	90.00	45.00	
Eng./Arch. Intern/Coop				
DeLuca, Gianna	32.00	65.00	2,080.00	
Terbeek, Jacob	11.00	65.00	715.00	
Totals	85.50		8,515.00	
Total Labor				8,515.00
			Total this Task	\$8,515.00

Task 800 Geotech Engineering
Professional Personnel

	Hours	Rate	Amount	
Project Principal				
Channels, Delbert	.50	165.00	82.50	
Design Engineer				
Channels, Timothy	4.00	120.00	480.00	
Totals	4.50		562.50	
Total Labor				562.50

AKRON / ATLANTA / CLEVELAND / COLUMBUS / DALLAS / HOUSTON
 INDIANAPOLIS / INDEPENDENCE / LOUISVILLE / PHOENIX / PITTSBURGH / SEATTLE / YOUNGSTOWN
 Net 30 days.

APPROVED FOR PAYMENT

DATE: 6/18/26
 P/O: 2026-00734

Project	2026119.03	Beachwood - Bryden San & Stm Sewer Impr	Invoice	3
Total this Task			\$562.50	
Billing Limits		Current	Prior	To-Date
Total Billings		9,077.50	68,751.30	77,828.80
Limit				590,643.00
Remaining				512,814.20
Total this Invoice			\$9,077.50	
Outstanding Invoices				
Number	Date	Balance		
2R	5/8/2026	44,847.80		
Total		44,847.80		

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
04/10/26	2026119.03-1	2026119.03	03/27/26	SERVICE	\$23,903.50
05/08/26	2026119.03-2R	2026119.03	04/24/26	SERVICE	\$44,847.80
06/12/26	2026119.03-3	2026119.03	05/29/26	SERVICE	\$9,077.50

\$77,828.80



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED

JUN 26 2026

FINANCE DEPT

City of Beachwood
 Attn: Larry Heiser, Finance Director
 accounts@beachwoodohio.com
 25325 Fairmount Blvd.
 Beachwood, OH 44122

June 12, 2026

Invoice No: 2026119.02 - 4

Invoice **\$2,734.00**
Total

Project 2026119.02 Beachwood - 2026 Road Program Assistance
Professional Services from April 25, 2026 to May 29, 2026

Task 001 Road Program Assistance as requested
Professional Personnel

	Hours	Rate	Amount
Sr. Project Manager			
Glass, Matthew	14.00	140.00	1,960.00
Sr. Engineer			
Stonitsch, Erik	3.00	130.00	390.00
Design Engineer			
Villers, Alicia	1.50	120.00	180.00
CAD Drafter			
Wolfe, Steven	1.00	84.00	84.00
Totals	19.50		2,614.00
Total Labor			2,614.00

Reimbursable Expenses

Other Reimbursable Exp.			
5/21/2026 Mach9 Robotics, Inc.	Digital Survey	120.00	
Total Reimbursables		120.00	120.00

Total this Task \$2,734.00

Total this Invoice \$2,734.00

Outstanding Invoices

Number	Date	Balance
3	5/8/2026	5,288.50
Total		5,288.50

Billings to Date

	Current	Prior	Total
Labor	2,614.00	17,045.00	19,659.00
Expense	120.00	0.00	120.00
Totals	2,734.00	17,045.00	19,779.00

APPROVED FOR PAYMENT
 BY: *[Signature]*
 DATE: 6/18/26
 P.O. #: 2026-01080

Project	2026119.02	Beachwood - 2026 Road Program Assistance	Invoice	4
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AKRON / ATLANTA / CLEVELAND / COLUMBUS / DALLAS / HOUSTON
INDIANAPOLIS / INDEPENDENCE / LOUISVILLE / PHOENIX / PITTSBURGH / SEATTLE / YOUNGSTOWN
Net 30 days.

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
03/13/26	2026119.02-1	2026119.02	02/27/26	SERVICE	\$1,020.00
04/10/26	2026119.02-2	2026119.02	03/27/26	SERVICE	\$10,736.50
05/08/26	2026119.02-3	2026119.02	04/24/26	SERVICE	\$5,288.50
06/12/26	2026119.02-4	2026119.02	05/29/26	SERVICE	\$2,734.00

\$19,779.00



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED

JUN 26 2026

FINANCE DEPT

City of Beachwood
 Attn: Larry Heiser, Finance Director
 accounts@beachwoodohio.com
 25325 Fairmount Blvd.
 Beachwood, OH 44122

June 12, 2026

Invoice No: 2026119.00 - 5

Invoice Total \$4,550.00

Project 2026119.00 Beachwood - General Engineering

Professional Services from April 25, 2026 to May 29, 2026

Task 100 General Meeting Attendance

Professional Personnel

	Hours	Rate	Amount
Sr. Project Manager			
Glass, Matthew	1.00	140.00	140.00
Totals	1.00		140.00
Total Labor			140.00
Total this Task			\$140.00

Task 200 General Engineering (Under \$2,500 Fee)

Professional Personnel

	Hours	Rate	Amount
Sr. Project Manager			
Goetz, Kristy	3.50	140.00	490.00
Westbrooks, Kevin	1.00	140.00	140.00
Design Engineer			
Tabanja, Nasereddin	29.00	120.00	3,480.00
Totals	33.50		4,110.00
Total Labor			4,110.00
Total this Task			\$4,110.00

Task 300 General Inspection Items

Professional Personnel

	Hours	Rate	Amount
Design Engineer			
Villers, Alicia	2.50	120.00	300.00
Totals	2.50		300.00
Total Labor			300.00
Total this Task			\$300.00

AKRON / ATLANTA / CLEVELAND / COLUMBUS / DALLAS / HOUSTON
 INDIANAPOLIS / INDEPENDENCE / LOUISVILLE / PHOENIX / PITTSBURGH / SEATTLE / YOUNGSTOWN
 Net 30 days.

APPROVED FOR PAYMENT

DATE:

P/O:

6/18/26
 2026-00077

Project	2026119.00	Beachwood - General Engineering	Invoice	5
Total this Invoice			<u>\$4,550.00</u>	

Outstanding Invoices

Number	Date	Balance
4R	5/8/2026	1,960.00
Total		1,960.00

Billings to Date

	Current	Prior	Total
Labor	4,550.00	9,005.00	13,555.00
Totals	4,550.00	9,005.00	13,555.00

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
02/13/26	2026119.00-1	2026119.00	01/30/26	BUILDING	\$1,525.00
03/13/26	2026119.00-2	2026119.00	02/27/26	BUILDING	\$3,260.00
04/10/26	2026119.00-3	2026119.00	03/27/26	BUILDING	\$2,260.00
05/08/26	2026119.00-4R	2026119.00	04/24/26	BUILDING	\$1,960.00
06/12/26	2026119.00-5	2026119.00	05/29/26	SERVICE	\$4,550.00

\$13,555.00



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED
JUN 26 2026
FINANCE DEPT

City of Beachwood
 Attn: Larry Heiser, Finance Director
 accounts@beachwoodohio.com
 25325 Fairmount Blvd.
 Beachwood, OH 44122

June 12, 2026
 Invoice No: 2025119.11 - 9

Invoice Total \$5,520.00

Project 2025119.11 Beachwood - Park East Reconstruction
Professional Services from April 25, 2026 to May 29, 2026

Task 100 Design
Professional Personnel

	Hours	Rate	Amount
Project Principal			
Hobbs, Michael	6.00	165.00	990.00
Sr. Project Manager			
Gaspar, David	.50	140.00	70.00
Glass, Matthew	17.00	140.00	2,380.00
Milliron, Larry	4.00	140.00	560.00
Smith, Jason	10.00	140.00	1,400.00
Design Engineer			
Backus, Harrison	1.00	120.00	120.00
Totals	38.50		5,520.00
Total Labor			5,520.00
Total this Task			\$5,520.00
Total this Invoice			\$5,520.00

Outstanding Invoices

Number	Date	Balance
8	5/8/2026	2,620.00
Total		2,620.00

Sik
APPROVED FOR PAYMENT
 BY: *C. Curran*
 DATE: *6/18/26*
 P/O: *2025 02334*

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
10/10/25	2025119.11-1	2025119.11	09/26/25	SERVICE	\$1,784.25
11/14/25	2025119.11-2R	2025119.11	10/31/25	SERVICE	\$38,633.25
12/12/25	2025119.11-3	2025119.11	11/28/25	SERVICE	\$27,855.01
12/31/25	2025119.11-4	2025119.11	12/31/25	SERVICE	\$22,895.75
02/13/26	2025119.11-5	2025119.11	01/30/26	SERVICE	\$18,435.00
03/13/26	2025119.11-6	2025119.11	02/27/26	SERVICE	\$3,135.00
04/10/26	2025119.11-7	2025119.11	03/27/26	SERVICE	\$37,665.00
05/08/26	2025119.11-8	2025119.11	04/24/26	SERVICE	\$2,620.00
06/12/26	2025119.11-9	2025119.11	05/29/26	SERVICE	\$5,520.00

\$158,543.27



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED
JUN 26 2026

City of Beachwood
Attn: Larry Heiser, Finance Director
accounts@beachwoodohio.com
25325 Fairmount Blvd.
Beachwood, OH 44122

June 12, 2026
Invoice No: 2025119.02 - 14

FINANCE DEPT

Invoice Total \$445.00

Project 2025119.02 Beachwood - 2025 Road Program
Professional Services from April 25, 2026 to May 29, 2026

Task 100 Design
Professional Personnel

	Hours	Rate	Amount	
Sr. Engineer				
Stonitsch, Erik	2.50	130.00	325.00	
Totals	2.50		325.00	
Total Labor				325.00
Total this Task				\$325.00

Task 200 Construction Administration w/o Inspecti
Professional Personnel

	Hours	Rate	Amount	
Design Engineer				
Villers, Alicia	1.00	120.00	120.00	
Totals	1.00		120.00	
Total Labor				120.00
Total this Task				\$120.00

Billing Limits	Current	Prior	To-Date
Total Billings	445.00	88,398.40	88,843.40 ✓
Limit			105,000.00
Remaining			16,156.60
Total this Invoice			\$445.00

Outstanding Invoices

Number	Date	Balance
13	5/8/2026	240.00
Total		240.00

APPROVED FOR PAYMENT
BY: [Signature]
DATE: 6/18/26
P/O: 2025-00287

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
01/10/25	2025119.02-1	2025119.02	12/21/24	SERVICE	\$24,456.89
02/14/25	2025119.02-2	2025119.02	01/31/25	SERVICE	\$14,869.75
03/14/25	2025119.02-3	2025119.02	02/28/25	SERVICE	\$5,623.25
04/10/25	2025119.02-4	2025119.02	03/28/25	SERVICE	\$13,339.25
05/09/25	2025119.02-5	2025119.02	04/25/25	SERVICE	\$8,310.38
06/06/25	2025119.02-6	2025119.02	05/30/25	SERVICE	\$8,540.50
07/11/25	2025119.02-7	2025119.02	06/27/25	SERVICE	\$3,776.00
08/06/25	2025119.02-8	2025119.02	07/25/25	SERVICE	\$919.25
09/12/25	2025119.02-9	2025119.02	08/29/25	SERVICE	\$4,479.00
10/10/25	2025119.02-10	2025119.02	09/26/25	SERVICE	\$2,458.13
11/14/25	2025119.02-11	2025119.02	10/31/25	SERVICE	\$1,266.00
02/13/26	2025119.02-12	2025119.02	01/30/26	SERVICE	\$120.00
05/08/26	2025119.02-13	2025119.02	04/24/26	SERVICE	\$240.00
06/12/26	2025119.02-14	2025119.02	05/29/26	SERVICE	\$445.00

\$88,843.40



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED
JUN 26 2026

City of Beachwood
 Attn: Chief Kelly Stillman
 kelly.stillman@beachwoodohio.com
 2700 Richmond Road
 Beachwood, OH 44122

June 12, 2026
 Invoice No: 2021119.91 - 54

PLEASE CHANGE

Invoice Total \$1,166.50

Project 2021119.91 Beachwood - Richmond Road Signals
 P.O. #2021-00640
 Letter Proposal Approve \$30,908.00
 Max Not to Exceed \$310,101.00
Professional Services from April 25, 2026 to May 29, 2026

Task 056 Plan Development Additional
Professional Personnel

	Hours	Rate	Amount	
Sr. Project Manager				
Westbrooks, Kevin	8.00	140.00	1,120.00	
Totals	8.00		1,120.00	
Total Labor				1,120.00
Total this Task				\$1,120.00

Task 070 Field Survey
Professional Personnel

	Hours	Rate	Amount	
Office Survey Technician 2				
Ryan, Adam	.50	93.00	46.50	
Totals	.50		46.50	
Total Labor				46.50
Total this Task				\$46.50

Billing Limits	Current	Prior	To-Date
Total Billings	1,166.50	256,227.79	257,394.29 ✓
Limit			310,101.00
Remaining			52,706.71
Total this Invoice			\$1,166.50 ✓

Outstanding Invoices

Number	Date	Balance
53	4/30/2026	1,820.00
Total		1,820.00

PO1
APPROVED FOR PAYMENT
 BY: *[Signature]*
 DATE: *06-16-26*

AKRON / ATLANTA / CLEVELAND / COLUMBUS / DALLAS / HOUSTON
 INDIANAPOLIS / INDEPENDENCE / LOUISVILLE / PHOENIX / PITTSBURGH / SEATTLE / YOUNGSTOWN
 Net 30 days.

2023-01448

Project	2021119.91	Beachwood - Richmond Road Signals	Invoice	54
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GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
04/02/21	2021119.91-1	2021119.91	03/26/21	POLICE	\$598.50
05/07/21	2021119.91-2	2021119.91	04/30/21	POLICE	\$467.50
06/04/21	2021119.91-3	2021119.91	05/28/21	POLICE	\$4,718.50
07/01/21	2021119.91-4	2021119.91	06/25/21	POLICE	\$12,051.00
08/10/21	2021119.91-5	2021119.91	07/30/21	POLICE	\$9,089.50
09/03/21	2021119.91-6	2021119.91	08/27/21	POLICE	\$1,410.50
10/06/21	2021119.91-7	2021119.91	09/24/21	POLICE	\$17,038.00
11/05/21	2021119.91-8	2021119.91	10/29/21	POLICE	\$961.14
12/02/21	2021119.91-9	2021119.91	11/26/21	POLICE	\$5,049.50
01/14/22	2021119.91-10	2021119.91	12/31/21	POLICE	\$834.50
02/03/22	2021119.91-11	2021119.91	01/28/22	POLICE	\$957.00
03/04/22	2021119.91-12	2021119.91	02/25/22	POLICE	\$561.00
03/31/22	2021119.91-13	2021119.91	03/25/22	POLICE	\$2,267.00
05/06/22	2021119.91-14	2021119.91	04/29/22	POLICE	\$1,278.50
06/07/22	2021119.91-15	2021119.91	05/27/22	POLICE	\$670.00
07/06/22	2021119.91-16	2021119.91	06/24/22	POLICE	\$846.00
08/12/22	2021119.91-17	2021119.91	07/29/22	POLICE	\$14,696.75
09/02/22	2021119.91-18	2021119.91	08/26/22	POLICE	\$11,670.00
10/14/22	2021119.91-19	2021119.91	09/30/22	POLICE	\$3,349.00
11/11/22	2021119.91-20	2021119.91	10/28/22	POLICE	\$444.00
02/10/23	2021119.91-21	2021119.91	01/27/23	POLICE	\$1,320.00
03/10/23	2021119.91-22	2021119.91	02/24/23	POLICE	\$1,342.88
05/12/23	2021119.91-23	2021119.91	04/28/23	POLICE	\$240.00
06/08/23	2021119.91-24	2021119.91	05/26/23	POLICE	\$862.88
07/14/23	2021119.91-25	2021119.91	06/30/23	POLICE	\$2,229.00
08/11/23	2021119.91-26	2021119.91	07/28/23	POLICE	\$201.50
08/30/23	2021119.91-27	2021119.91	08/25/23	POLICE	\$10,355.00
10/13/23	2021119.91-28	2021119.91	09/29/23	POLICE	\$1,060.00
11/10/23	2021119.91-29	2021119.91	10/27/23	POLICE	\$1,500.00
12/08/23	2021119.91-30	2021119.91	11/24/23	POLICE	\$1,603.00
12/31/23	2021119.91-31	2021119.91	12/31/23	POLICE	\$14,894.50
02/09/24	2021119.91-32	2021119.91	01/26/24	POLICE	\$19,921.00
03/08/24	2021119.91-33	2021119.91	02/23/24	POLICE	\$35,822.88
04/12/24	2021119.91-34	2021119.91	03/29/24	POLICE	\$11,131.00
05/10/24	2021119.91-35	2021119.91	04/26/24	POLICE	\$1,906.50
06/09/24	2021119.91-36	2021119.91	05/31/24	POLICE	\$8,361.13
07/12/24	2021119.91-37	2021119.91	06/28/24	POLICE	\$9,093.50
09/13/24	2021119.91-38	2021119.91	08/30/24	POLICE	\$922.50
12/13/24	2021119.91-39	2021119.91	11/29/24	POLICE	\$8,386.25
01/10/25	2021119.91-40	2021119.91	12/21/24	POLICE	\$4,652.13
02/14/25	2021119.91-41	2021119.91	01/31/25	POLICE	\$7,181.50
03/14/25	2021119.91-42	2021119.91	02/28/25	POLICE	\$2,953.00
04/03/25	2021119.91-43	2021119.91	03/28/25	POLICE	\$1,775.00
05/06/25	2021119.91-44	2021119.91	04/25/25	POLICE	\$3,035.00
06/08/25	2021119.91-45	2021119.91	05/30/25	POLICE	\$2,460.00
07/05/25	2021119.91-46	2021119.91	06/27/25	POLICE	\$650.25
09/04/25	2021119.91-47	2021119.91	08/29/25	POLICE	\$474.50
11/05/25	2021119.91-48	2021119.91	10/31/25	POLICE	\$5,731.50
12/12/25	2021119.91-49	2021119.91	11/28/25	POLICE	\$553.50
12/31/25	2021119.91-50	2021119.91	12/31/25	POLICE	\$553.50
02/13/26	2021119.91-51	2021119.91	01/30/26	POLICE	\$3,931.50
04/10/26	2021119.91-52	2021119.91	03/27/26	POLICE	\$345.00
04/30/26	2021119.91-53	2021119.91	04/24/26	POLICE	\$1,820.00
06/12/26	2021119.91-54	2021119.91	05/29/26	POLICE	\$1,166.50
					<u>\$257,394.29</u>



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED
JUN 26 2026

City of Beachwood
 Attn: Chief Daniel Grispio
 2700 Richmond Road
 Beachwood, OH 44122

June 12, 2026
 Invoice No: 2026119.90 - 5

FINANCE DEPT

Invoice Total \$4,120.00

Project 2026119.90 Beachwood - 2026 Traffic Services 2026
 Letter Proposal
 Max Not to Exceed \$36,000.00

Professional Services from April 25, 2026 to May 29, 2026

Task 054 May Traffic Services

Professional Personnel

	Hours	Rate	Amount
Sr. Project Manager			
Ferrell, Brett	13.00	140.00	1,820.00
Westbrooks, Kevin	13.00	140.00	1,820.00
Design Engineer			
Tondra, Brandon	4.00	120.00	480.00
Totals	30.00		4,120.00
Total Labor			4,120.00
Total this Task			\$4,120.00

Billing Limits	Current	Prior	To-Date
Total Billings	4,120.00	11,030.00	15,150.00
Limit			36,000.00
Remaining			20,850.00
Total this Invoice			\$4,120.00

Outstanding Invoices

Number	Date	Balance
4	4/30/2026	1,760.00
Total		1,760.00

Pol
 APPROVED FOR PAYMENT
 BY: DC. Grispio
 DATE: 06-16-2026
 P/O: 2026-00175

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
02/13/26	2026119.90-1	2026119.90	01/30/26	POLICE	\$2,770.00
03/13/26	2026119.90-2	2026119.90	02/27/26	POLICE	\$3,360.00
04/10/26	2026119.90-3	2026119.90	03/27/26	POLICE	\$3,140.00
04/30/26	2026119.90-4	2026119.90	04/24/26	POLICE	\$1,760.00
06/12/26	2026119.90-5	2026119.90	05/29/26	POLICE	\$4,120.00

\$15,150.00



Mail Payment To:
PNC Bank C/O Glaus Pyle Schomer Burns & DeHaven
Lockbox Number 952032
4100 W 150th St
Cleveland, OH 44135

Invoice
RECEIVED

JUN 26 2026

FINANCE DEPT

City of Beachwood
 Attn: Chris Arrietta
 chris.arrietta@beachwoodohio.gov
 23355 Mercantile Road
 Beachwood, OH 44122

June 12, 2026
 Invoice No: 2025119.10 - 4

Invoice
Total \$280.00

Project 2025119.10 Beachwood - Fairmount School - Master Plan
Professional Services from April 25, 2026 to May 29, 2026

Fee			
Total Fee	4,000.00		
Percent Complete	91.00	Total Earned	3,640.00
		Previous Fee Billing	3,360.00
		Current Fee Billing	280.00
		Total Fee	280.00
		Total this Invoice	\$280.00

Outstanding Invoices

Number	Date	Balance
3	5/8/2026	770.00
Total		770.00

APPROVED FOR PAYMENT
 BY: C. Arrietta
 DATE: 6/18/26
 P/O: 2026-00077

GPD Associates Invoices

BILLING SUMMARY INPUT WORKSHEET

INV DATE	INV #	PROJ NO.	ServiceThru Date	DEPT CHGD	TOTAL COST
10/10/25	2025119.10-1	2025119.10	09/26/25	SERVICE	\$2,000.00
11/14/25	2025119.10-2	2025119.10	10/31/25	SERVICE	\$590.00
05/08/26	2025119.10-3	2025119.10	04/24/26	SERVICE	\$770.00
06/12/26	2025119.10-4	2025119.10	05/29/26	SERVICE	\$280.00

\$3,640.00



Updated Remittance Address:
(FOR PAYMENTS ONLY)
CivicPlus LLC
PO Box 737311
Dallas TX 75373-7311

RECEIVED

JUN 17 2026

FINANCE DEPT

Invoice

#375724

8/1/2026

Bill To

Accounts Payable
City of Beachwood, OH
25325 Fairmount Boulevard
Beachwood OH 44122

TOTAL DUE

\$5,027.40

Due Date: 8/31/2026

Terms	Customer	Approving Authority
Net 30	City of Beachwood, OH	

Qty	Item	Start Date	End Date	Amount
1	Social Media Archiving Subscription - Up to 12 Accounts & Up To 1.6k Records Per Month	8/1/2026	7/31/2027	\$4,397.40
1	X (formerly Twitter) Premium Accounts	8/1/2026	7/31/2027	\$630.00

Total \$5,027.40

Due \$5,027.40

To pay your invoice with a credit card [Click Here](#).

APPROVED FOR PAYMENT

BY: Craig Kaufman IT Manager

DATE: 06-29-2026

P/O: _____

Please submit payment via ACH using the details below. Please send notification of ACH transmission via email to remittance@civicplus.com. That address is not monitored for other inquiries or notifications. For our current W-9, please click this link: [CivicPlus W-9](#). For any other invoice questions or information, please contact us at accounting@civicplus.com.

RECEIVED

JUN 22 2026

KUTAK ROCK LLP
CLEVELAND, OHIO

FINANCE DEPT

Check Remit To:
Kutak Rock LLP
PO Box 30057
Omaha, NE 68103-1157

Federal ID

June 12, 2026

BY: 
DATE: 6/15/26
P/O: 2026-01486
APPROVED FOR PAYMENT

Notification Email: eftgroup@kutakrock.com

Larry Heiser
City of Beachwood, Ohio
25325 Fairmount Boulevard
Beachwood, OH 44122

Invoice No. 3749613
725-1

Re: .40(C) TIF and Development Agreement

For Professional Legal Services Rendered

05/01/26	R. Balthis	0.50	247.50
05/04/26	R. Balthis	1.50	742.50
<u>05/05/26</u>	R. Balthis	0.70	346.50
05/06/26	R. Balthis	0.30	148.50
05/07/26	R. Balthis	1.10	544.50

PRIVILEGED AND CONFIDENTIAL
ATTORNEY-CLIENT COMMUNICATION AND/OR WORK PRODUCT

KUTAK ROCK LLP

Beachwood, OH (City of)

June 12, 2026

Client Matter No. 725-1

Invoice No. 3749613

Page 2

05/08/26	R. Balthis	0.80	396.00
05/11/26	R. Balthis	1.30	643.50
05/12/26	R. Balthis	0.30	148.50
05/14/26	R. Balthis	0.40	198.00
05/15/26	R. Balthis	1.80	891.00
05/16/26	R. Balthis	0.50	247.50
05/18/26	R. Balthis	0.50	247.50
05/19/26	R. Balthis	0.80	396.00
05/22/26	R. Balthis	0.30	148.50
05/26/26	R. Balthis	2.80	1,386.00
05/27/26	R. Balthis	0.50	247.50
05/28/26	R. Balthis	0.60	297.00

PRIVILEGED AND CONFIDENTIAL
ATTORNEY-CLIENT COMMUNICATION AND/OR WORK PRODUCT

KUTAK ROCK LLP

Beachwood, OH (City of)

June 12, 2026

Client Matter No. 725-1

Invoice No. 3749613

Page 3

05/29/26 R. Balthis 0.30 148.50

05/31/26 R. Balthis 1.00 495.00



TOTAL HOURS 16.00

TOTAL FOR SERVICES RENDERED \$7,920.00

TOTAL CURRENT AMOUNT DUE \$7,920.00

PRIVILEGED AND CONFIDENTIAL
ATTORNEY-CLIENT COMMUNICATION AND/OR WORK PRODUCT

Invoice



RECEIVED
JUN 26 2026
FINANCE DEPT

Chris Arrietta
City of Beachwood
25325 Fairmount Blvd.
Beachwood, OH 44122

June 17, 2026
Project No: J20250839.000
Invoice No: 76090

Project J20250839.000 City of Beachwood - Chagrin Boulevard Resurfacing
PO Number: 2026-00358

Professional Services through May 29, 2026
Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Base Fee	396,050.00	20.00	79,210.00	56,619.50	22,590.50
Total Fee	396,050.00		79,210.00	56,619.50	22,590.50
Total Fee					22,590.50
Total this Invoice					<u>\$22,590.50</u>

Outstanding Invoices

Number	Date	Balance
75372	5/11/2026	8,600.00
Total		8,600.00

Total Now Due \$31,190.50

Billings to Date

	Current	Prior	Total	Received	A/R Balance
Fee	22,590.50	56,619.50	79,210.00		
Totals	22,590.50	56,619.50	79,210.00	48,019.50	31,190.50

APPROVED
C. Arrietta
CHRISTOPHER ARRIETTA
PUBLIC WORKS DIRECTOR

6-25-26 2026-00358
DATE
CITY OF BEACHWOOD

FFT Payments (preferred):

Payment by mail:

Osborn Engineering
1111 Superior Ave., STE 2100
Cleveland, OH 44114
t 216-861-2020
www.osborn-eng.com

RECEIVED

JUN 17 2026

FINANCE DEPT



ROETZEL

ROETZEL & ADDRESS, A LEGAL PROFESSIONAL ASSOCIATION

City Of Beachwood
25325 Fairmount Blvd.
Beachwood, OH 44122

City Of Beachwood
Whitney.Crook@Beachwoodohio.Com

Invoice Date: May 27, 2026
Invoice Number: 1548451
Matter Number: 144096.0005
Method of Delivery: Email

Client: City Of Beachwood
Matter: Special Legal Services

For professional services rendered through April 30, 2026

Fees	5,390.00
Total Amount Due	\$5,390.00

Please include Invoice Number or Matter Number with Remittance
Please remit payment upon receipt

APPROVED FOR PAYMENT
BY: [Signature]
DATE: 6/16/2026
P/O: 5026-00350

THIS IS A CONFIDENTIAL ATTORNEY|CLIENT COMMUNICATION

ralaw.com



ROETZEL

ROETZEL & ADDRESS, A LEGAL PROFESSIONAL ASSOCIATION

RECEIVED

JUN 17 2026

FINANCE DEPT

City Of Beachwood
25325 Fairmount Blvd.
Beachwood, OH 44122

City Of Beachwood
Whitney.Crook@Beachwoodohio.Com

Invoice Date: May 27, 2026
Invoice Number: 1548462
Matter Number: 144096.0013
Method of Delivery: Email

Client: City Of Beachwood

Matter: [REDACTED]

For professional services rendered through April 30, 2026

Fees 280.00

Total Amount Due **\$280.00**

Please include Invoice Number or Matter Number with Remittance
Please remit payment upon receipt

APPROVED FOR PAYMENT

BY: [Signature]

DATE: 6/16/2026

P/O: 2036-00380

THIS IS A CONFIDENTIAL ATTORNEY|CLIENT COMMUNICATION

ralaw.com

RECEIVED

JUN 17 2026

FINANCE DEPT



City Of Beachwood
25325 Fairmount Blvd.
Beachwood, OH 44122

City Of Beachwood
Whitney.Crook@Beachwoodohio.Com

Invoice Date: May 27, 2026
Invoice Number: 1548463
Matter Number: 144096.0011
Method of Delivery: Email

Client: City Of Beachwood

Matter:

For professional services rendered through April 30, 2026

Fees 70.00

Total Amount Due \$70.00

Please include Invoice Number or Matter Number with Remittance

Please remit payment upon receipt

APPROVED FOR PAYMENT
BY: [Signature]
DATE: 6/16/2026
P/O: 3036-00380

THIS IS A CONFIDENTIAL ATTORNEY|CLIENT COMMUNICATION

ralaw.com



RECEIVED
JUN 17 2026
FINANCE DEPT

City Of Beachwood
25325 Fairmount Blvd.
Beachwood, OH 44122

City Of Beachwood
Whitney.Crook@Beachwoodohio.Com

Invoice Date: May 27, 2026
Invoice Number: 1548469
Matter Number: 144096.0003
Method of Delivery: Email

Client: City Of Beachwood
Matter: Routine Legal Services

For professional services rendered through April 30, 2026

Fees	13,290.00
Total Amount Due	\$13,290.00

Please include Invoice Number or Matter Number with Remittance
Please remit payment upon receipt

APPROVED FOR PAYMENT
BY: [Signature]
DATE: 6/16/2026
P/O: 3036-00380

THIS IS A CONFIDENTIAL ATTORNEY|CLIENT COMMUNICATION

ralaw.com



RECEIVED
JUN 04 2026
FINANCE DEPT

Invoice

Date 5/31/2026
Invoice # PE1313

Remit Payment to :

Sixmo Architecture
204 Front Street
Marietta, OH 45750

Bill To

City of Beachwood
25325 Fairmount Blvd
Beachwood, OH 44122

Project

Beachwood Plan Exams 2026

For questions regarding this invoice :

Contact Sheree Wilson at 740-809-2400 ext. 118

P.O. Number**Payment Terms**

Net 30

Description		Current Billing
2025-08844	UHPC/SC/RP Alterations	125.00
CBLDFA-2026-26	University Hospitals Primary Care Office	250.00

Total Due : **\$375.00**

APPROVED FOR PAYMENT
BY: Sean Sallashan
DATE: 6-3-26
P/O: 2026-00082



PLAN EXAMINATION FEE CALCULATION

City of Beachwood

25325 Fairmount Blvd

Brian Roenigk, Building Commissioner

Plan Review / Invoice No.: 2025-08844

Plans Examiner: April Skurka, Combination Examiner, CE-004713
Remit Payment to: **SIXMO Architecture 204 Front Street, Marietta, Ohio 45750**

Date of Initial Review: December 2, 2025
Date of 2nd Review: March 27, 2026
Date of 3rd Review: May 6, 2026

Project Name: UHPC Alterations
Project Address: 3700 Park East Dr.
Project Description: Alteration
Area of Work: 15,350 sf

Initial Submittal:

Initial Review Date: December 2, 2025

 hours @ \$125.00 \$

Estimated Reimbursables: \$

Sub-Total \$ 0.00

Subsequent Review:

Review Date: May 6, 2026

1 hours @ \$125.00 \$ 125.00

Estimated Reimbursables: \$

Sub-Total \$ 125.00

Current Grand Total \$ 125.00



City of Beachwood

Brian Roenigk, Building Commissioner

Plans Examiner: Patrick E. Thornton, Combination Examiner, CE-001499

Date of Initial Review: May 7, 2026

Project Name: University Hospitals Primary Care Office

Project Address: 3700 Park East Drive

Project Description: Alteration

Area of Work: 15,350 sf

Initial Review Date: May 7, 2026

Estimated Reimbursables: \$

Sub-Total	\$	250.00
-----------	----	--------

Review Date: _____

Estimated Reimbursables: \$

Sub-Total	\$	0.00
-----------	----	------

Page 42 of 408

RECEIVED

JUN 26 2026

FINANCE DEPT

Tactical Planning, LLC

P.O. Box 3163
Cuyahoga Falls, Ohio 44223
Ph: 440-725-1886
geosmerigan@gmail.com

INVOICE

City of Beachwood
Accounts Payable
P.O. Box 22659
Beachwood, Ohio 44122

June 26, 2026

FED ID # 46-3453684

P.O. 2026-01276

INV # BW-2605

For professional planning services rendered with regard to development of the former Fairmount Temple property in accordance with **P.O. 2026-01276** as follows:

Internal Meetings (6/8 & 6/18)

G. Smerigan	3.0 Hours	@	\$120.00 / hour	\$360.00
-------------	-----------	---	-----------------	----------

Coordination with Attorneys and Developer

G. Smerigan	2.0 Hours	@	\$120.00 / hour	\$240.00
-------------	-----------	---	-----------------	----------

Draft Urban Renewal Plan

G. Smerigan	8.0 Hours	@	\$120.00 / hour	\$960.00
-------------	-----------	---	-----------------	----------

TOTAL DUE THIS INVOICE

\$1,560.00

Thank you,



George Smerigan
Managing Member

Approved: 6/26/2026



JUN 09 2026

FINANCE DEPT

Tactical Planning, LLC

P.O. Box 3163
Cuyahoga Falls, Ohio 44223
Ph: 440-725-1886
geosmerigan@gmail.com

INVOICE

City of Beachwood
Accounts Payable
P.O. Box 22659
Beachwood, Ohio 44122

June 5, 2026

FED ID # 46-3453684

P.O. 2026-01276**INV # BW-2604**

For professional planning services rendered with regard to development of the former Fairmount Temple property in accordance with **P.O. 2026-01276** as follows:

Meetings (5/18 & 6/1)

G. Smerigan	2.5 Hours	@	\$120.00 / hour	\$300.00
-------------	-----------	---	-----------------	----------

Coordination with TIF Attorney

G. Smerigan	1.0 Hours	@	\$120.00 / hour	\$120.00
-------------	-----------	---	-----------------	----------

Coordination with Development Team

G. Smerigan	1.5 Hours	@	\$120.00 / hour	\$180.00
-------------	-----------	---	-----------------	----------

Draft Development Agreement

G. Smerigan	2.0 Hours	@	\$120.00 / hour	\$240.00
-------------	-----------	---	-----------------	----------

TOTAL DUE THIS INVOICE**\$840.00**

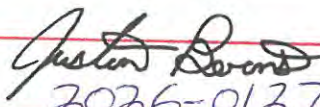
Thank you,



George Smerigan
Managing Member

APPROVED FOR PAYMENT

BY: _____ Approved: 6/8/2026 _____

DATE: _____  _____

P/O: _____ 2026-01276 _____



RECEIVED
JUN 04 2026
FINANCE DEPT

June 1, 2026

The City of Beachwood
Accounts Payable Department
P.O. Box 22659
Beachwood, Ohio 44122

Re: Building Department
INVOICE
Plan Review Services for May 2026

Invoice for professional services rendered for the review of plans for compliance with the Ohio Building Code.

Plan Review for the month of May 2026..... \$687.50
Cost Breakdown Sheet Attached

Total amount due.....\$687.50

Respectfully,

Michael H. Wildermuth

Michael H. Wildermuth, AIA
Master Plans Examiner

APPROVED FOR PAYMENT
BY: *Lia D'Allesandro*
DATE: 6-3-26
P/O: 2026-00082

38255 RIDGE ROAD WILLOUGHBY, OHIO 44094 440-946-1061/ C 440-749-1877
mhwildermuth@oh.rr.com



MICHAEL H. WILDERMUTH, AIA, ARCHITECT
Beachwood Plan Review

		MAY 2026 Beachwood Plan Review		
MHW	Beachwood	Job Name	Time	
Job No	Receipt No.			
CB2612-1 5/17/2026	CBDFRSUPP20026-25	CRUNCH FITNESS FP	2.0 H	\$250.00
CB2541-2 5/1/2026	2025 – 144303-2	BASF Bulletin 2	2.0 H	\$250.00
CB2614-1 6/2/2026	CBDFRSUPP2026-3	Victorias secret Sprinkler Rev.	1.5 H	\$187.50
		Total	5.5 H	\$687.50



THE GOODYEAR TIRE & RUBBER CO.
7230 NORTHFIELD RD
WALTON HILLS, OH 44146
440-735-9910 Fax 440-735-9913

INVOICE NO.
~~~073-1105394~~~  
COPY 002

RECEIVED

JUN 02 2026

FINANCE DEPT

126382-0001  
CITY OF BEACHWOOD  
23355 MERCHANTILE RD  
BEACHWOOD, OH 44122  
216-595-5461  
PO #:26-341-0677A

PAGE 01  
INVOICE DATE:05/27/2026  
DELIVERED TO CUSTOMER  
LOCATION/SREP: 073/150  
APPROVAL NUM : G0009147  
2026-05-28 10.56.48 JP  
CLERK: JP TECH:

| QUANTITY | PRODUCT NO. | DESCRIPTION                   | FET   | UNIT PRICE | AMOUNT  |
|----------|-------------|-------------------------------|-------|------------|---------|
| LINE #   |             |                               |       |            |         |
|          |             | LOOSE DELIVERY                |       |            |         |
|          |             | 5/28/2026                     |       |            |         |
|          |             | PER JOE                       |       |            |         |
| 4        | 139172053   | GY 225/70R19.5 G647 RSS TL 14 | 0.00* | 323.82     | 1295.28 |
| 8        | 139755205   | GY 225/70R19.5 G622 RSD TL 14 | 0.00* | 328.98     | 2631.84 |
| 12       | 046278000   | OHIO WASTE TIRE FEE           |       | 1.00       | 12.00   |

CUSTOMER BILLING REQUIREMENTS (GOODYEAR TIRE & RUBBER CO):  
SERVICE TICKET NUMBER NA

The Tire Industry Association (TIA) recommends re-torque at 50-100 miles.

Disposal fees may apply in some areas.

Shop supply fees cover miscellaneous materials used in servicing your vehicle that do not appear elsewhere on this invoice and for profit.

\*\*\*\*\*

Remit payment to:

The Goodyear Tire & Rubber Company  
APPROVED FOR PAYMENT 7230 NORTHFIELD RD  
WALTON HILLS, OH 44146

\*\*\*\*\*

DATE: 6-12-26

P/O: 2026-01340

F-450's

TERMS: NET 30  
DUE : 06/26/2026 - 3,939.12  
SUB-TOTAL 3,939.12  
SALES TAX (0.00)

No further discounts allowed. It is agreed that title to the above described property shall remain in the name of the seller until paid for in full, and that upon default in payment, seller shall be entitled to take possession thereof without notice to the purchaser. TOTAL AMT 3,939.12 PAYABLE IN U.S. FUND

If the total amount due is paid in full within terms, no FINANCE CHARGE will be incurred on that amount; otherwise, a FINANCE CHARGE will be computed on the previous balance after deducting payments and credit received during the current month. The

FINANCE CHARGE is computed at a periodic rate of 0.82500 which is an annual percentage rate of 9.90000

Seller warrants that the tires are the size and tread design as stated above. SELLER MAKES NO OTHER WARRANTIES EITHER EXPRESSED OR IMPLIED, SPECIFICALLY, SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Seller's sole obligation to Buyer for nonconforming tires shall be prorated a refund of the tire's purchase price. Seller shall not be liable for any indirect, consequential or other damages. No person is authorized to modify or waive the limitations herein, whether orally or in writing. All claims and returned goods must be accompanied by this bill.

INTRODUCED BY:

**AMENDED** ORDINANCE NO. 2026-19

AN ORDINANCE REZONING 2547 EDGEWOOD DRIVE (PPN# 741-08-034), 2555 EDGEWOOD DRIVE (PPN# 741-08-036), AND 2561 EDGEWOOD DRIVE (PPN# 741-08-037) FROM U-1 SINGLE FAMILY RESIDENTIAL DISTRICT TO U-5 PUBLIC AND INSTITUTIONAL DISTRICT

WHEREAS, Bais Avrohom Congregation has requested the rezoning of 2547 Edgewood Drive (PPN# 741-08-034), 2555 Edgewood Drive (PPN# 741-08-036), and 2561 Edgewood Drive (PPN# 741-08-037) from U-1 Single Family Residential District to U-5 Public and Institutional District;

WHEREAS, on May 4, 2026, Council placed this rezoning request on first reading and referred it to the Planning and Zoning Commission for study, report, and recommendation in accordance with BCO 1107.01;

WHEREAS, the Planning and Zoning Commission reviewed the request on May 28, 2026, and recommended the rezoning;

WHEREAS, following the Commission's report, Council placed this proposed Ordinance on second reading and scheduled a public hearing to occur after the required 30-day notice period;

WHEREAS, a duly advertised public hearing was held on July 13, 2026, at Beachwood City Hall, Council Chambers; and

WHEREAS, this Ordinance shall be read by Council on three separate occasions, and Council now recommends approval of the rezoning request.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: The Council of the City of Beachwood hereby approves the rezoning of 2547 Edgewood Drive (PPN# 741-08-034), 2555 Edgewood Drive (PPN# 741-08-036), and 2561 Edgewood Drive (PPN# 741-08-037) from U-1 Single Family Residential District to U-5 Public and Institutional District.

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

**AMENDED** ORDINANCE NO. 2026-19

WHEREFORE, this Ordinance shall be in full force and effect from and after the earliest date permitted by law.

Attest: I hereby certify this legislation was duly adopted on the\_\_\_\_day of\_\_\_\_\_, 2026 and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the\_\_\_\_day of\_\_\_\_\_, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this\_\_\_\_day of\_\_\_\_\_, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor



## Tactical Planning, LLC

P.O. Box 3163  
Cuyahoga Falls, Ohio 44223  
Ph: 440-725-1886  
geosmerigan@gmail.com

TO: Beachwood Planning Commission

FROM: George Smerigan, City Planner

DATE: May 15, 2026

RE: **P&Z 2026-14      Ordinance No. 2026-19**  
**Bais Avrohom**  
**2547, 2555 and 2561 Edgewood Road**  
**Rezoning**  
**Concept Development Plan**



This request is for rezoning from U-1 Single Family Residential District to U-5 Public and Institutional District for the construction and operation of a place of worship. As required by Code, the application was filed with City Council, an ordinance was prepared, and the matter was referred to the Planning and Zoning Commission for your recommendation. The application also includes a concept development plan for the proposed use. That concept plan is for illustration purposes only to demonstrate that the applicant can comply with all of the setback and parking requirements without variances. The Commission will only be acting on the request to rezone and will not be approving or recommending the development plan.

The subject site consists of three (3) existing lots which contain a total of 20,400 square feet and which have a combined frontage of 170 feet on Edgewood Road. There are currently homes located on two of the three lots. The concept plan shows removal of the existing dwellings and construction of a new building that conforms to the building and life safety code requirements for a place of worship and place of assembly. The applicants have indicated their intent to make the façade of the new building have a residential character to better fit in with the neighborhood. As shown on the concept plan, the proposed institutional building has a footprint of 2,250 square feet. The concept plan indicates the ability to provide 24 parking spaces that conform to Code.

The subject site is abutted on both sides by properties that are zoned U-1 Single Family Residential District. The abutting land to the rear of the subject site is owned by the City of Beachwood and is zoned U-5 Public and Institutional District, although the City intends to rezone that property for a senior targeted housing project.



P&Z 2026-14  
Ordinance No. 2026-19  
Bais Avrohom  
2547, 2555 and 2561 Edgewood Road  
Rezoning  
Concept Development Plan  
May 15, 2026  
Page 2

The Commission will need to act in the form of a recommendation to City Council on referred Ordinance 2026-19. The applicants appear capable of meeting all of the U-5 zoning requirements including building and parking setbacks and number of parking spaces. It is recommended that the Commission provide a positive recommendation to City Council. Should Council approve the rezoning, the applicants will need to return to the Commission for site development plan approval.

Fire Prevention Bureau

**P&Z Report**

**To:** Planning and Zoning Commission  
**From:** Matthew Domonkos, Assistant Chief  
**Date:** 05/07/2026  
**Re:** P&Z # 2026-14 2547,2555,2561 Edgewood Dr. (Rezoning)

---

The Fire Prevention Bureau has reviewed the drawings/documents submitted for this item.

1. The Fire Department has no questions or comments at this time.

*Matthew Domonkos*

Matthew Domonkos  
Assistant Fire Chief

## MEMORANDUM

CITY OF BEACHWOOD

PLANNING AND ZONING COMMISSION MEETING

Meeting Date: May 28, 2026

Report Date: May 14, 2026

To: Traci Gallagher  
From: Joseph R. Ciuni P.E. P.S.  
City Engineer

### AGENDA ITEM - 9

**P & Z 2026 -14**

**Rezoning 2547 Edgewood Road (PPN 741-08-034), 2555 Edgewood Road (PPN 741-08-036) and 2561 Edgewood Road (PPN 741-08-037) from U-1 Single Family Residential District to U-5 Public and Institutional District (Ordinance No. 2026-19, referred from Council May 4, 2026).**

We have no comments on this item.



# CUYAHOGA COUNTY, *Ohio*

## MyPlace

**Please be advised that the Fiscal Office identified a clerical error that was submitted to the State of Ohio. This error resulted in an incorrect tax rate calculation for Class II properties only (Commercial/ Industrial) for Tax Year 2024/Collection Year 2025. The Fiscal Office worked with the State of Ohio to correct the error. The correction will appear on tax bills due in February 2026 as an omitted tax.**

**\*THIS DOES NOT AFFECT RESIDENTIAL PROPERTY\***

**For questions, please call 216-443-7420, Option 3 (Appraisal Department).**

Search

City Entire County 

Search By

☐ Owner

☐ Parcel

☒ Address

74108034 | 2547 EDGEWOOD DRIVE LLC | 2547 EDGEWOOD DR | BEACHWOOD | 44122



[View Map](#)

### PROPERTY DATA

[General Information](#)

[Transfers](#)

[Values](#)

[Land](#)

[Building Information](#)

[Building Sketch](#)

[Other Improvements](#)

[Permits](#)

[Property Summary Report](#)

### TAXES

[Tax By Year](#)

[Pay Your Taxes Online](#)

### LEGAL RECORDINGS

[Get a Document List](#)

## ACTIVITY

Informal Reviews

Board of Revisions Cases

### Primary Owner

2547 EDGEWOOD DRIVE LLC

### Property Address

2547 EDGEWOOD DR BEACHWOOD, OH 44122

### Tax Mailing Address

2547 EDGEWOOD DRIVE LLC 200 PARK AVE SUITE 216 BEACHWOOD, OH 44122

### Description

18 FAIRGREEN &S/L245 SP 0244 NP 74108035

### Property Class

RESIDENTIAL VACANT LAND

### Parcel Number

741-08-034

### Taxset

Beachwood

### Tax Year

2025 Pay 2026 ▼

## Summary By Tax Year 2025 Pay 2026

Please use the Pay Your Taxes Online to pay your tax bill for the current tax year

### Taxable Assessed Values

|                |                 |
|----------------|-----------------|
| Land Value     | \$20,790        |
| Building Value | \$              |
| Total Value    | <u>\$20,790</u> |

### First Half Year Charge Amounts

|                        |                 |
|------------------------|-----------------|
| Gross Tax              | \$1,265.18      |
| Less 920 Reduction     | <u>\$687.41</u> |
| Sub Total              | \$577.77        |
| Non-business Credit    | \$43.39         |
| Owner Occupancy Credit | \$0.00          |
| Homestead Reduction    | \$0.00          |
| Total Assessments      | <u>\$45.00</u>  |
| Half Year Net Taxes    | <u>\$579.38</u> |

### Taxable Market Values

|                |                 |
|----------------|-----------------|
| Land Value     | \$59,400        |
| Building Value | <u>\$</u>       |
| Total Value    | <u>\$59,400</u> |



### Second Half Year Charge Amounts

|                        |            |
|------------------------|------------|
| Gross Tax              | \$1,265.18 |
| Less 920 Reduction     | \$687.41   |
| Sub Total              | \$577.77   |
| Non-business Credit    | \$43.39    |
| Owner Occupancy Credit | \$ .00     |
| Homestead Reduction    | \$ .00     |
| Total Assessments      | \$45.00    |
| Half Year Net Taxes    | \$579.38   |

### Flags

|                        |   |
|------------------------|---|
| Owner Occupancy Credit | N |
| Homestead Reduction    | N |
| Foreclosure            | N |
| Cert. Pending          | N |
| Cert. Sold             | N |
| Payment Plan           | N |

### Rates

|                    |           |
|--------------------|-----------|
| Full Rate          | 121.71    |
| 920 Reduction Rate | .543333   |
| Effective Rate     | 55.581001 |

### Escrow

|                |        |
|----------------|--------|
| Escrow         | N      |
| Payment Amount | \$ .00 |

### Tax Balance Summary

#### Charges

**\$1,158.76**

#### Payments

**\$1,158.76**

#### Balance Due

**\$ .00**

### 2025 (pay in 2026) Charge and Payment Detail

| Taxset                            | Charge Type         | Charges  | Payments | Balance Due |
|-----------------------------------|---------------------|----------|----------|-------------|
| <b>Beachwood</b>                  |                     |          |          |             |
|                                   | 1st half tax        | \$534.38 | \$534.38 | \$ .00      |
|                                   | 1ST HALF BALANCE    | \$534.38 | \$534.38 | \$ .00      |
|                                   | 2nd half tax        | \$534.38 | \$534.38 | \$ .00      |
|                                   | 2ND HALF BALANCE    | \$534.38 | \$534.38 | \$ .00      |
| <b>C100030C-SEWER MAINTENANCE</b> |                     |          |          |             |
|                                   | 1st half tax - 2025 | \$45.00  | \$45.00  | \$ .00      |
|                                   | 1ST HALF BALANCE    | \$45.00  | \$45.00  | \$ .00      |



|                                   |                     |                                              |                   |               |
|-----------------------------------|---------------------|----------------------------------------------|-------------------|---------------|
|                                   | 2nd half tax - 2025 | \$45.00                                      | \$45.00           | \$ .00        |
|                                   | 2ND HALF BALANCE    | \$45.00                                      | \$45.00           | \$ .00        |
| <b>C100030S-Sewer Maintenance</b> |                     |                                              |                   |               |
|                                   | 1st half tax - 2025 | \$ .00                                       | \$ .00            | \$ .00        |
|                                   | 1ST HALF BALANCE    | \$ .00                                       | \$ .00            | \$ .00        |
|                                   |                     | Charges                                      | Payments          | Balance Due   |
| Total Balance                     |                     | <b>\$1,158.76</b>                            | <b>\$1,158.76</b> | <b>\$ .00</b> |
|                                   |                     | <a href="#">Top</a> <a href="#">View Map</a> |                   |               |

Updated :04/20/2026 03:00:02 AM

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WATER DEPARTMENT OFFICIALS: AS OF JANUARY 1, 2021 PLEASE UTILIZE THE TRANSFER TAB ON THE MYPLACE SITE TO DETERMINE OWNERSHIP FOR CREATING OR CLOSING ACCOUNTS. PARCEL DATA ON PROPERTY TRANSFERS ARE UPDATED DAILY. THEREFORE, YOU CAN NOW RELY ON THIS SITE FOR ACCURATE REAL PROPERTY OWNERSHIP. YOU ARE ALSO WELCOME TO ACCEPT COPIES OF RECORDED DEEDS FROM OUR OFFICE.

THANK YOU



# CUYAHOGA COUNTY, *Ohio*

## MyPlace

Please be advised that the Fiscal Office identified a clerical error that was submitted to the State of Ohio. This error resulted in an incorrect tax rate calculation for Class II properties only (Commercial/ Industrial) for Tax Year 2024/Collection Year 2025. The Fiscal Office worked with the State of Ohio to correct the error. The correction will appear on tax bills due in February 2026 as an omitted tax.

**\*THIS DOES NOT AFFECT RESIDENTIAL PROPERTY\***

For questions, please call 216-443-7420, Option 3 (Appraisal Department).

Search

City Entire County

Search By ☐ Owner ☐ Parcel ☒ Address

74108036 | 2555 EDGEWOOD DRIVE LLC | 2555 EDGEWOOD DR | BEACHWOOD | 44122



View Map

### PROPERTY DATA

General Information

Transfers

Values

Land

Building Information

Building Sketch

Other Improvements

Permits

Property Summary Report

### TAXES

Tax By Year

Pay Your Taxes Online

### LEGAL RECORDINGS

Get a Document List

## ACTIVITY

Informal Reviews

Board of Revisions Cases

### Primary Owner

2555 EDGEWOOD DRIVE LLC

### Property Address

2555 EDGEWOOD RD BEACHWOOD, OH 44122

### Tax Mailing Address

CARMEL PROPERTY MANAGEMENT LLC PO BOX 21880 SOUTH EUCLID, OH 44121

### Description

18 FAIRGREEN &S/L244 SP 0243 ALL

### Property Class

SINGLE FAMILY DWELLING

### Parcel Number

741-08-036

### Taxset

Beachwood

### Tax Year

2025 Pay 2026 ✓

## Summary By Tax Year 2025 Pay 2026

Please use the Pay Your Taxes Online to pay your tax bill for the current tax year

### Taxable Assessed Values

|                |                  |
|----------------|------------------|
| Land Value     | \$20,790         |
| Building Value | \$96,110         |
| Total Value    | <u>\$116,900</u> |

### First Half Year Charge Amounts

|                        |                   |
|------------------------|-------------------|
| Gross Tax              | \$7,113.95        |
| Less 920 Reduction     | <u>\$3,865.24</u> |
| Sub Total              | \$3,248.71        |
| Non-business Credit    | \$243.96          |
| Owner Occupancy Credit | \$ .00            |
| Homestead Reduction    | \$ .00            |
| Total Assessments      | <u>\$45.00</u>    |
| Half Year Net Taxes    | <u>\$3,049.75</u> |

### Taxable Market Values

|                |                  |
|----------------|------------------|
| Land Value     | \$59,400         |
| Building Value | <u>\$274,600</u> |
| Total Value    | <u>\$334,000</u> |



### Second Half Year Charge Amounts

|                        |            |
|------------------------|------------|
| Gross Tax              | \$7,113.95 |
| Less 920 Reduction     | \$3,865.24 |
| Sub Total              | \$3,248.71 |
| Non-business Credit    | \$243.96   |
| Owner Occupancy Credit | \$ .00     |
| Homestead Reduction    | \$ .00     |
| Total Assessments      | \$45.00    |
| Half Year Net Taxes    | \$3,049.75 |

### Flags

|                        |   |
|------------------------|---|
| Owner Occupancy Credit | N |
| Homestead Reduction    | N |
| Foreclosure            | N |
| Cert. Pending          | N |
| Cert. Sold             | N |
| Payment Plan           | N |

### Rates

|                    |           |
|--------------------|-----------|
| Full Rate          | 121.71    |
| 920 Reduction Rate | .543333   |
| Effective Rate     | 55.581001 |

### Escrow

|                |        |
|----------------|--------|
| Escrow         | N      |
| Payment Amount | \$ .00 |

### Tax Balance Summary

#### Charges

**\$6,099.50**

#### Payments

**\$6,099.50**

#### Balance Due

**\$ .00**

### 2025 (pay in 2026) Charge and Payment Detail

| Taxset                            | Charge Type         | Charges    | Payments   | Balance Due |
|-----------------------------------|---------------------|------------|------------|-------------|
| <b>Beachwood</b>                  |                     |            |            |             |
|                                   | 1st half tax        | \$3,004.75 | \$3,004.75 | \$ .00      |
|                                   | 1ST HALF BALANCE    | \$3,004.75 | \$3,004.75 | \$ .00      |
|                                   | 2nd half tax        | \$3,004.75 | \$3,004.75 | \$ .00      |
|                                   | 2ND HALF BALANCE    | \$3,004.75 | \$3,004.75 | \$ .00      |
| <b>C100030C-SEWER MAINTENANCE</b> |                     |            |            |             |
|                                   | 1st half tax - 2025 | \$45.00    | \$45.00    | \$ .00      |
|                                   | 1ST HALF BALANCE    | \$45.00    | \$45.00    | \$ .00      |

|                                   |                     |                                              |                   |               |
|-----------------------------------|---------------------|----------------------------------------------|-------------------|---------------|
|                                   | 2nd half tax - 2025 | \$45.00                                      | \$45.00           | \$ .00        |
|                                   | 2ND HALF BALANCE    | \$45.00                                      | \$45.00           | \$ .00        |
| <b>C100030S-Sewer Maintenance</b> |                     |                                              |                   |               |
|                                   | 1st half tax - 2025 | \$ .00                                       | \$ .00            | \$ .00        |
|                                   | 1ST HALF BALANCE    | \$ .00                                       | \$ .00            | \$ .00        |
|                                   |                     | Charges                                      | Payments          | Balance Due   |
| Total Balance                     |                     | <b>\$6,099.50</b>                            | <b>\$6,099.50</b> | <b>\$ .00</b> |
|                                   |                     | <a href="#">Top</a> <a href="#">View Map</a> |                   |               |

Updated :04/20/2026 03:00:02 AM

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THANK YOU



## CUYAHOGA COUNTY, *Ohio* MyPlace

**Please be advised that the Fiscal Office identified a clerical error that was submitted to the State of Ohio. This error resulted in an incorrect tax rate calculation for Class II properties only (Commercial/ Industrial) for Tax Year 2024/Collection Year 2025. The Fiscal Office worked with the State of Ohio to correct the error. The correction will appear on tax bills due in February 2026 as an omitted tax.**

**\*THIS DOES NOT AFFECT RESIDENTIAL PROPERTY\***

**For questions, please call 216-443-7420, Option 3 (Appraisal Department).**

Search

City Entire County

Search By

☐ Owner

☐ Parcel

☒ Address

74108037 | RIK ENTERPRISES, LLC | 2561 EDGEWOOD DR | BEACHWOOD | 44122



[View Map](#)

### PROPERTY DATA

[General Information](#)

[Transfers](#)

[Values](#)

[Land](#)

[Building Information](#)

[Building Sketch](#)

[Other Improvements](#)

[Permits](#)

[Property Summary Report](#)

### TAXES

[Tax By Year](#)

[Pay Your Taxes Online](#)

### LEGAL RECORDINGS

[Get a Document List](#)



## ACTIVITY

Informal Reviews

Board of Revisions Cases

### Primary Owner

RIK ENTERPRISES, LLC

### Property Address

2561 EDGEWOOD RD BEACHWOOD, OH 44122

### Tax Mailing Address

CARMEL PROPERTY MANAGEMENT LLC PO BOX 21880 SOUTH EUCLID, OH 44121

### Description

18 FAIRGREEN 0242 ALL

### Property Class

SINGLE FAMILY DWELLING

### Parcel Number

741-08-037

### Taxset

Beachwood

### Tax Year

2025 Pay 2026 ▼

## Summary By Tax Year 2025 Pay 2026

Please use the Pay Your Taxes Online to pay your tax bill for the current tax year

### Taxable Assessed Values

|                |                 |
|----------------|-----------------|
| Land Value     | \$19,080        |
| Building Value | \$58,660        |
| Total Value    | <u>\$77,740</u> |

### First Half Year Charge Amounts

|                        |                   |
|------------------------|-------------------|
| Gross Tax              | \$4,730.87        |
| Less 920 Reduction     | <u>\$2,570.43</u> |
| Sub Total              | \$2,160.44        |
| Non-business Credit    | \$162.23          |
| Owner Occupancy Credit | \$0.00            |
| Homestead Reduction    | \$0.00            |
| Total Assessments      | <u>\$37.50</u>    |
| Half Year Net Taxes    | <u>\$2,035.71</u> |

### Taxable Market Values

|                |                  |
|----------------|------------------|
| Land Value     | \$54,500         |
| Building Value | <u>\$167,600</u> |
| Total Value    | <u>\$222,100</u> |

### Second Half Year Charge Amounts

|                        |            |
|------------------------|------------|
| Gross Tax              | \$4,730.87 |
| Less 920 Reduction     | \$2,570.43 |
| Sub Total              | \$2,160.44 |
| Non-business Credit    | \$162.23   |
| Owner Occupancy Credit | \$ .00     |
| Homestead Reduction    | \$ .00     |
| Total Assessments      | \$37.50    |
| Half Year Net Taxes    | \$2,035.71 |

### Flags

|                        |   |
|------------------------|---|
| Owner Occupancy Credit | N |
| Homestead Reduction    | N |
| Foreclosure            | N |
| Cert. Pending          | N |
| Cert. Sold             | N |
| Payment Plan           | N |

### Rates

|                    |           |
|--------------------|-----------|
| Full Rate          | 121.71    |
| 920 Reduction Rate | .543333   |
| Effective Rate     | 55.581001 |

### Escrow

|                |        |
|----------------|--------|
| Escrow         | N      |
| Payment Amount | \$ .00 |

### Tax Balance Summary

#### Charges

**\$4,071.42**

#### Payments

**\$4,071.42**

#### Balance Due

**\$ .00**

### 2025 (pay in 2026) Charge and Payment Detail

| Taxset                            | Charge Type         | Charges    | Payments   | Balance Due |
|-----------------------------------|---------------------|------------|------------|-------------|
| <b>Beachwood</b>                  |                     |            |            |             |
|                                   | 1st half tax        | \$1,998.21 | \$1,998.21 | \$ .00      |
|                                   | 1ST HALF BALANCE    | \$1,998.21 | \$1,998.21 | \$ .00      |
|                                   | 2nd half tax        | \$1,998.21 | \$1,998.21 | \$ .00      |
|                                   | 2ND HALF BALANCE    | \$1,998.21 | \$1,998.21 | \$ .00      |
| <b>C100030C-SEWER MAINTENANCE</b> |                     |            |            |             |
|                                   | 1st half tax - 2025 | \$37.50    | \$37.50    | \$ .00      |
|                                   | 1ST HALF BALANCE    | \$37.50    | \$37.50    | \$ .00      |

|                                   |                     |                   |                   |               |
|-----------------------------------|---------------------|-------------------|-------------------|---------------|
|                                   | 2nd half tax - 2025 | \$37.50           | \$37.50           | \$ .00        |
|                                   | 2ND HALF BALANCE    | \$37.50           | \$37.50           | \$ .00        |
| <b>C1000305-Sewer Maintenance</b> |                     |                   |                   |               |
|                                   | 1st half tax - 2025 | \$ .00            | \$ .00            | \$ .00        |
|                                   | 1ST HALF BALANCE    | \$ .00            | \$ .00            | \$ .00        |
|                                   |                     | Charges           | Payments          | Balance Due   |
| Total Balance                     |                     | <b>\$4,071.42</b> | <b>\$4,071.42</b> | <b>\$ .00</b> |

[Top](#)
[View Map](#)

Updated :04/20/2026 03:00:02 AM

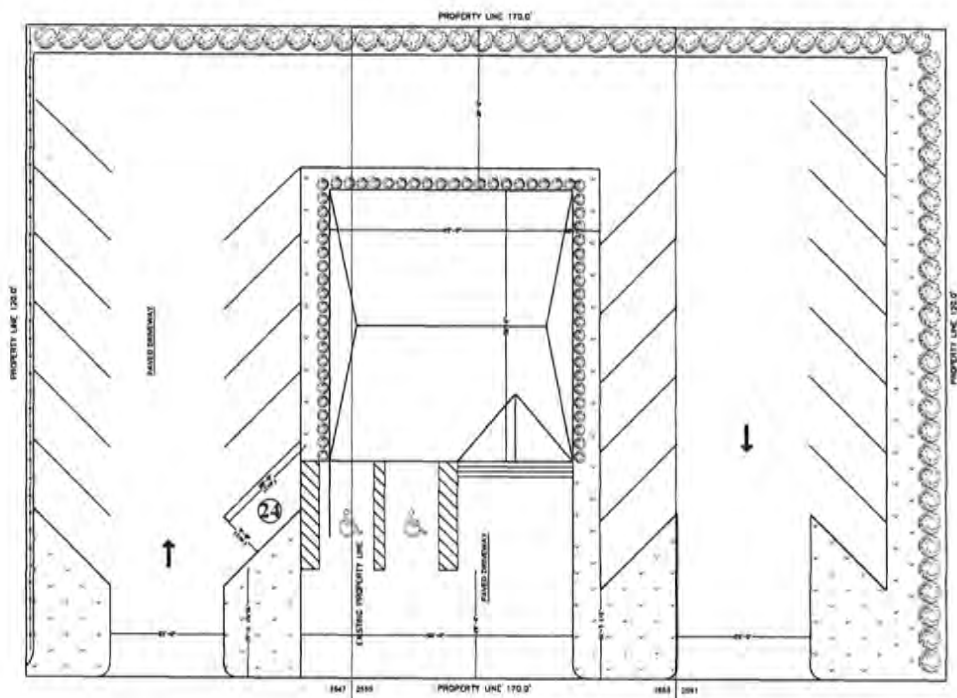
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THANK YOU

BAIS AVRAHAM SHUL  
2547-2561 EDGEWOOD RD  
BEACHWOOD OH 44122





① SITE PLAN  
 1/8" = 1'-0"  
 COMBINE LOTS 2547, 2555 & 2561, DEMOLISH EXISTING  
 PROPERTIES, REBUILD BUILDING 70' X 40'. INCLUDE PARKING  
 AT BOTH SIDES OF THE LOT

|                                                                                                                                                         |  |                               |                         |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|-------------------------|------------------|
| <br>BAIS AVRAHAM SHUL<br>2547-2561 EDGEWOOD RD<br>BEACHWOOD OH 44122 |  | DRAWING REVISION<br>SITE PLAN | SHEET<br>SCALE AS NOTED | DRAWING BY<br>SP |
|                                                                                                                                                         |  | DATE<br>04/08/2008            |                         |                  |
| SPEC. NO.<br>ID-105.00                                                                                                                                  |  |                               |                         |                  |





*Signature*  
DESIGN

DRAWING TITLE  
PROPOSED RENDER

DRAWN BY  
GP

SCALE  
N/A

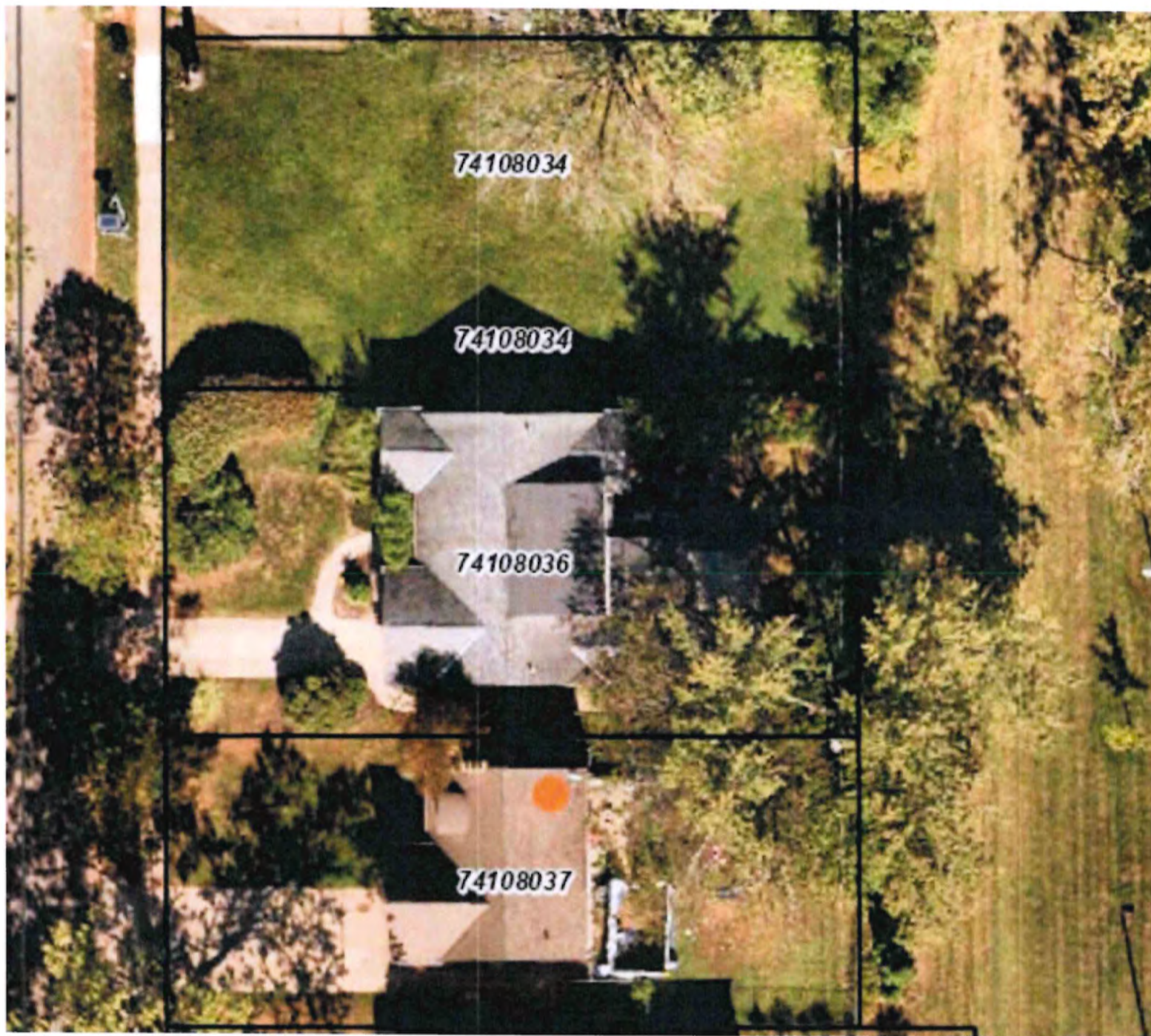
PROJECT  
BAIS AVRAHAM SHUL  
2547-2561 EDGEWOOD RD  
BEACHWOOD OH 44122

CLIENT

DATE  
01/28/2022

DWG. NO.

ID-302.00





INTRODUCED BY:

ORDINANCE NO. 2026-27

AN ORDINANCE ACCEPTING THE PLANNING AND ZONING COMMISSION'S RECOMMENDATION FOR VARIANCES AT 24619 CHAGRIN BOULEVARD, BEACHWOOD, OHIO; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, Grant Passell and Evan Pascorella, on behalf of Brad Kowit Real Estate have requested that the Planning and Zoning Commission to recommend to City Council the approval of variances located 24619 Chagrin Boulevard, Beachwood, Ohio, as set forth in Section 1 below;

WHEREAS, the Planning and Zoning Commission, on June 25, 2026, reviewed the request and recommended that City Council grant the requested variances; and

WHEREAS, the approval of both the preliminary and final site plan is contingent on City Council granting the variances.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Beachwood, County of Cuyahoga and State of Ohio, that:

Section 1: Council accepts the recommendation of the Planning and Zoning Commission made on June 25, 2026, in P&Z Case No. 2026-20 and grants the requested variances at 24619 Chagrin Boulevard, Beachwood, Ohio. Pursuant to Section 1159.04 it is determined that a practical difficulty will result on the subject site from the literal enforcement of Code Section 1121.03(b)(2) with regard to the minimum required side yard building setbacks as follows:

- a. Granting a variance of 9.67 feet each to Section 1121.03(b)(2) to permit the building addition to be 15.33 feet from the side lot line in lieu of the Code required 25 feet.
- b. Granting a variance of 17.9 feet to Code Section 1121.03(b)(2) to permit the cooler addition to be 7.1 feet from the side lot line in lieu of the Code required 25 feet.

The granting of these variances is subject to the comments of the City Engineer regarding submittal of final civil engineer drawings for the Engineer's approval.

Section 2: The failure to comply with any one or more of the conditions, stipulations, or requirements listed in Section 1 of this Ordinance and/or any other provision of the Zoning Code shall be deemed to be a violation of the Zoning Code and the Building Commissioner and any other City official are authorized to take any action that may be necessary to enforce the conditions, stipulations and requirements.

Section 3: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

ORDINANCE NO. 2026-27

Section 4: This Ordinance is hereby declared to be an urgent measure necessary for the preservation of the public peace, health or safety or the efficient operation of the City, and for the further reason that the project may proceed forthwith; wherefore, this Ordinance shall be in full force and effect immediately upon its passage and approval by the Mayor.

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

---

Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

---

Mayor

## Tactical Planning, LLC

P.O. Box 3163  
Cuyahoga Falls, Ohio 44223  
Ph: 440-725-1886  
geosmerigan@gmail.com

TO: Beachwood Planning Commission

FROM: George Smerigan, City Planner

DATE: June 14, 2026

RE: **P&Z 2026-20**      **Onyx Creative**  
**Grant Passell & Evan Pascorella**  
**Brad Kowit Real Estate**  
**24619 Chagrin Boulevard**  
**Final Site Plan**



This request is for final site development plan approval for a combination dog day care facility and restaurant on the former fire station and truck park site. The subject site is in the U-4A Integrated Business District. The final site plan provides for 32 restaurant seats on the second floor, 28 seats on the first floor, and 14 seats at the bar for a total seating capacity of 74. That is compliant with the previously approved Conditional Use Permit for this use.

The proposed site plan indicates a proposed one-story building addition of 1,663 square feet to create sufficient kitchen space for the operation of the restaurant. The addition would be located on the north or rear of the existing building. The proposed addition would take the total building ground coverage to 6,006 square feet or approximately 26.1% which complies with the Code maximum of 30%. The proposed addition would comply with the rear yard setback, but would require a side yard setback variance of 9.67 feet in order to match the current 15.33 side yard setback of the existing building.

The proposed plan also includes a cooler addition to be placed on the side of the building and a prefabricated shed for the storage of outdoor equipment. The cooler would extend an additional 8.5 feet into the side yard setback which would require an additional variance of 17.9 feet to permit the cooler to be 7.1 feet from the side lot line. The shed would be located within the existing dumpster enclosure which is located in the side yard. The prefabricated shed will be treated similar to the dumpsters and is permissible within the fenced enclosure. The side yard abuts a parking lot that serves the subject site and is shared with the adjacent office uses. Therefore, the impacts of the side yard setback variances are minimal.



P&Z 2026-20  
Onyx Creative  
Grant Passell & Evan Pascorella  
Brad Kowit Real Estate  
24619 Chagrin Boulevard  
Final Site Plan  
June 14, 2026  
Page 2

The site plan indicates a solid privacy fence 8 feet in height which is intended to contain the dogs and reduce sound.

Since this is in the U-4A District, the variances will need to be confirmed by City Council. It is recommended that the Commission recommend to Council approval of the final site development plan approval and the associated variances subject to the following findings and determinations:

1. Pursuant to Section 1159.04 it is determined that a practical difficulty will result on the subject site from the literal enforcement of Code Section 1121.03(b)(2) with regard to the minimum required side yard building setback.
2. Granting a variance of 9.67 feet each to Section 1121.03(b)(2) to permit the building addition to be 15.33 feet from the side lot line in lieu of the Code required 25 feet.
3. Granting a variance of 17.9 feet to Code Section 1121.03(b)(2) to permit the cooler addition to be 7.1 feet from the side lot line in lieu of the Code required 25 feet.

**From:** [Evan Pascarella](#)  
**To:** [Veronica Muth](#)  
**Subject:** Bark & Barrel  
**Date:** Monday, June 15, 2026 4:30:54 PM

---

Good Afternoon Veronica,

Grant Passell and I are continuing the process for Bark & Barrel and it is going well. We met with George Smerigan last Thursday with our architectural firm to finalize plans before they go to final approval. During this meeting, he mentioned that the city of Beachwood wanted to finalize the total number of dogs permitted at one time before final approval. I wanted to send over our proposed numbers as well as some background information to give some context:

Proposal - The facility contains approximately 1,686 square feet of indoor play area and 4,853 square feet of secured outdoor play area. The maximum occupancy of 45 dogs is based on approximately 37.46 square feet of indoor play area per dog, supplemented by continuous access to a secured outdoor exercise area nearly three times larger than the indoor space. Staffing levels will be maintained to provide active supervision and safe management of all play groups. When the outdoor turf area is open and available, we are proposing a maximum of 130 dogs in the facility at one time.

## **Iowa**

Iowa specifically regulates dog daycares as a licensed use. The state approves facilities based

on:

- Available space
- Available staff
- Staff's ability to supervise dogs
- Maximum number of dogs requested by the operator

The state effectively requires the operator to demonstrate that staffing and facility size can support the requested occupancy. ([law.cornell.edu](http://law.cornell.edu))

## Connecticut

Connecticut's commercial kennel regulations establish minimum floor areas based on dog size:

- Up to 25 lbs: 5 sq. ft. per dog
- 25–45 lbs: 9 sq. ft. per dog
- Over 45 lbs: 16 sq. ft. per dog

These are enclosure requirements rather than active play-yard requirements, but they provide a regulatory benchmark. ([law.cornell.edu](http://law.cornell.edu))

## Colorado

Colorado's pet animal facility regulations contain detailed enclosure calculations and require additional space as the duration of stay increases. Multiple-dog enclosures must be sized based on the largest dog present, with additional space required for each additional dog. ([law.cornell.edu](http://law.cornell.edu))

## Texas

Texas regulates licensed kennels and boarding facilities and requires:

- Written exercise plans
- Adequate trained personnel
- Documented employee training
- Sufficient staffing to provide required animal care and supervision

Texas does not appear to establish a simple "X dogs per employee" ratio, but it does require enough trained staff to provide proper care. ([law.cornell.edu](http://law.cornell.edu))

## What I Found Most Interesting

Very few states actually establish a hard maximum number of dogs for a daycare play group.

Instead, most regulations use language such as:

- Adequate supervision
- Compatible groupings
- Sufficient staffing
- Sufficient floor area

- Ability to safely manage the approved number of dogs

In other words, the burden is usually placed on the operator to justify the occupancy rather than the state prescribing a fixed number. ([law.cornell.edu](http://law.cornell.edu))

## Industry Standards

While not typically codified in law, many insurers, animal behavior consultants, and daycare operators use staffing targets in the range of:

- 1 staff : 10–15 dogs for active play groups
- 1 staff : 15–20 dogs for calmer, well-screened groups

The industry discussions I found repeatedly note that most states do not have mandatory staffing ratios. ([Animal Friends OS](#))

In regards to the industry standards, we agree with these numbers and plan on having 3-4 staff members during the day for daycare (45-50 dogs at one time). This is well within industry standards, especially because all dogs will go through a "behavior check" day before being permitted full use of daycare. Our staff will be trained by a renowned dog trainer in the Cleveland area.

With **1,686 SF of indoor play area** and **4,853 SF of outdoor play area**, we have calculated how many dogs would be able to come at one time, with safety being the number one priority.

I know this is a lot of information, but Grant and I wanted to provide as much information as possible to the council before the meeting.

Best,  
Evan Pascarella



creative

## DRAWING INDEX

| Year | Country       | Value |
|------|---------------|-------|
| 1990 | United States | 100.0 |
| 1991 | United States | 100.0 |
| 1992 | United States | 100.0 |
| 1993 | United States | 100.0 |
| 1994 | United States | 100.0 |
| 1995 | United States | 100.0 |
| 1996 | United States | 100.0 |
| 1997 | United States | 100.0 |
| 1998 | United States | 100.0 |
| 1999 | United States | 100.0 |
| 2000 | United States | 100.0 |
| 2001 | United States | 100.0 |
| 2002 | United States | 100.0 |
| 2003 | United States | 100.0 |
| 2004 | United States | 100.0 |
| 2005 | United States | 100.0 |
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| 2009 | United States | 100.0 |
| 2010 | United States | 100.0 |
| 2011 | United States | 100.0 |
| 2012 | United States | 100.0 |
| 2013 | United States | 100.0 |
| 2014 | United States | 100.0 |
| 2015 | United States | 100.0 |
| 2016 | United States | 100.0 |
| 2017 | United States | 100.0 |
| 2018 | United States | 100.0 |
| 2019 | United States | 100.0 |
| 2020 | United States | 100.0 |



## ABSTRACT

[illegible]

## PROJECT MANAGER (ARCH)

...the ...

[illegible]

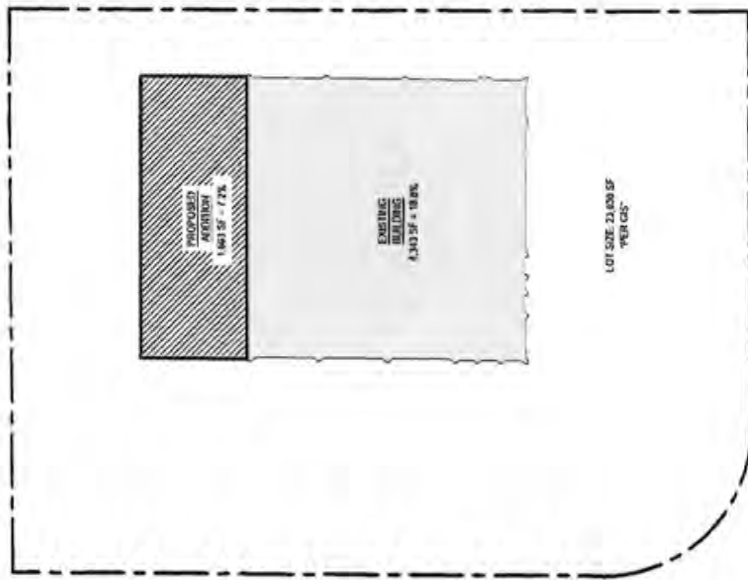
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|-----------------------|-------|--------|
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| Final temperature     | 100   | °C     |
| Heating rate          | 10    | °C/min |
| Modulated temperature | ±1    | °C     |
| Modulation frequency  | 0.1   | Hz     |
| Modulation amplitude  | 0.5   | °C     |
| Modulation phase      | 0     | °      |
| Modulation period     | 10    | s      |
| Modulation duty cycle | 0.5   |        |
| Modulation frequency  | 0.1   | Hz     |
| Modulation amplitude  | 0.5   | °C     |
| Modulation phase      | 0     | °      |
| Modulation period     | 10    | s      |
| Modulation duty cycle | 0.5   |        |

[illegible]



APPLICANT: \_\_\_\_\_

| P&Z:                                | ZONING DATA                                               |                                                                                                                                                                                             | DATE:    |
|-------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                                     | REQUIRED                                                  | PROPOSED                                                                                                                                                                                    |          |
| ZONING DISTRICT                     | U5                                                        | Existing to remain                                                                                                                                                                          | VARIANCE |
| MINIMUM LOT AREA                    | 25%                                                       | <p>Lot Size per GIS = 23,030 sf<br/> Existing building +/- 4,343 sf = 18.8%<br/> Addition 1,663 = 7.2%<br/> Total proposed lot coverage +/- 26%<br/> Note: Parking provided within 200'</p> |          |
| MINIMUM LOT FRONTAGE                | 100'                                                      | Existing to remain                                                                                                                                                                          |          |
| MINIMUM FRONT YARD BUILDING SETBACK | 50'                                                       | Existing to remain                                                                                                                                                                          |          |
| MINIMUM SIDE YARD BUILDING SETBACK  | 20'                                                       | Existing to remain                                                                                                                                                                          |          |
| MINIMUM REAR YARD BUILDING SETBACK  | 30'                                                       | <p>-Align addition with existing building +/- 15'-4" (varies)<br/> -Cooler enclosure set back from trash enclosure +/- 7'-2" (varies)</p>                                                   |          |
| MAXIMUM BUILDING HEIGHT             | 40'                                                       | Existing to remain                                                                                                                                                                          |          |
| MINIMUM LANDSCAPED AREA             | 25%                                                       | <p>Lot Size per GIS = 23,030 sf<br/> Landscaped area including turf: 10,363 45%</p>                                                                                                         |          |
| MINIMUM PARKING SETBACKS            | <p>Front =<br/> Side = Existing to remain<br/> Rear =</p> | <p>Front =<br/> Side = Existing to remain<br/> Rear =</p>                                                                                                                                   |          |
| MINIMUM DRIVE AISLE                 | Existing to remain                                        | Existing to remain                                                                                                                                                                          |          |
| MINIMUM PARKING STALL               | Existing to remain                                        | Existing to remain                                                                                                                                                                          |          |
| MINIMUM OFF-STREET PARKING          | Existing to remain                                        | Existing to remain                                                                                                                                                                          |          |
| SITE DEVELOPMENT PLANS              |                                                           |                                                                                                                                                                                             |          |



# LOT COVERAGE DIAGRAM

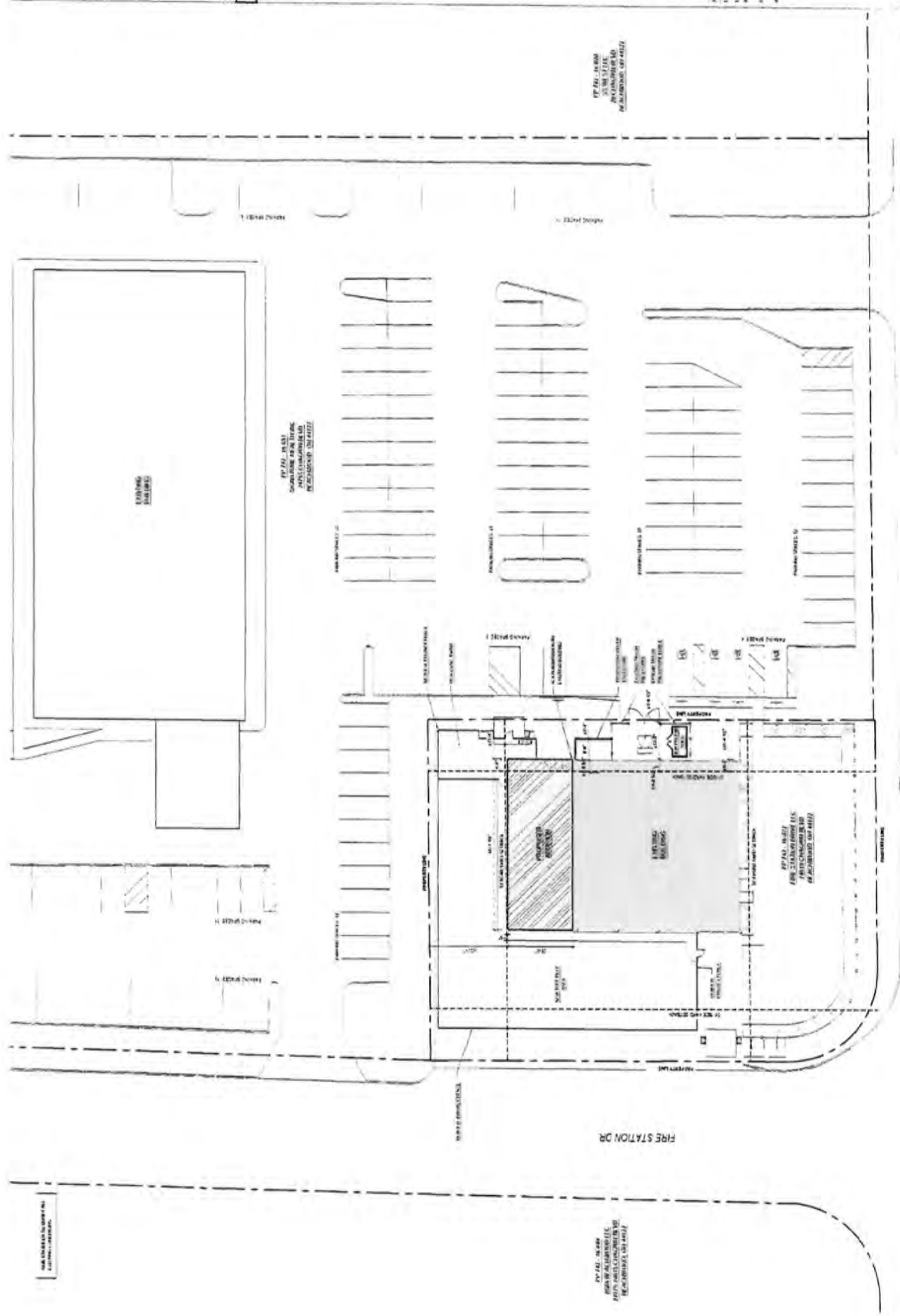
1/32" = 1'-0"

|                                                                                                                                                                                                        |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <div> <div>onyx creative</div> <div>           24619 Chagrin Blvd.<br/>           Beachwood, OH 44122<br/>           216.223.3461 <a href="http://onyxcreative.com">onyxcreative.com</a> </div> </div> | <div> <div>Date:</div> <div>05-12-25</div> </div>    |
|                                                                                                                                                                                                        | <div> <div>Proj. No.</div> <div>25.0339</div> </div> |
|                                                                                                                                                                                                        | <div> <div>Drawn By:</div> <div>JAY</div> </div>     |
| <div>SK-1</div>                                                                                                                                                                                        |                                                      |

BARK AND BARREL

24619 CHAGRIN BLVD.  
BEACHWOOD, OH 44122

onyx|creative  
24619 Chagrin Blvd.  
Beachwood, OH 44122  
216.223.3461 [onyxcreative.com](http://onyxcreative.com)

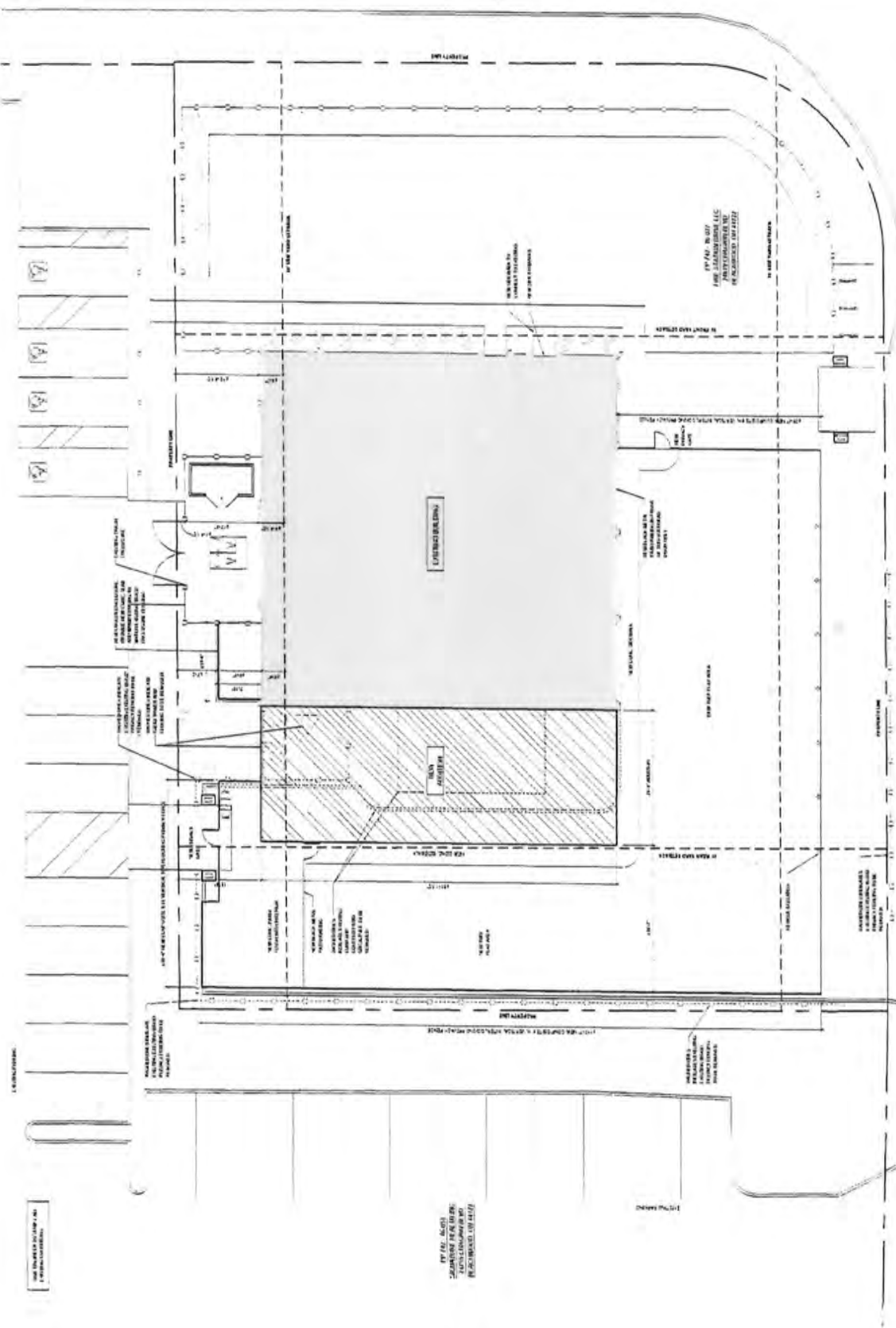


**ARCHITECTURAL SITE PLAN**  
 1/8" = 1'-0"

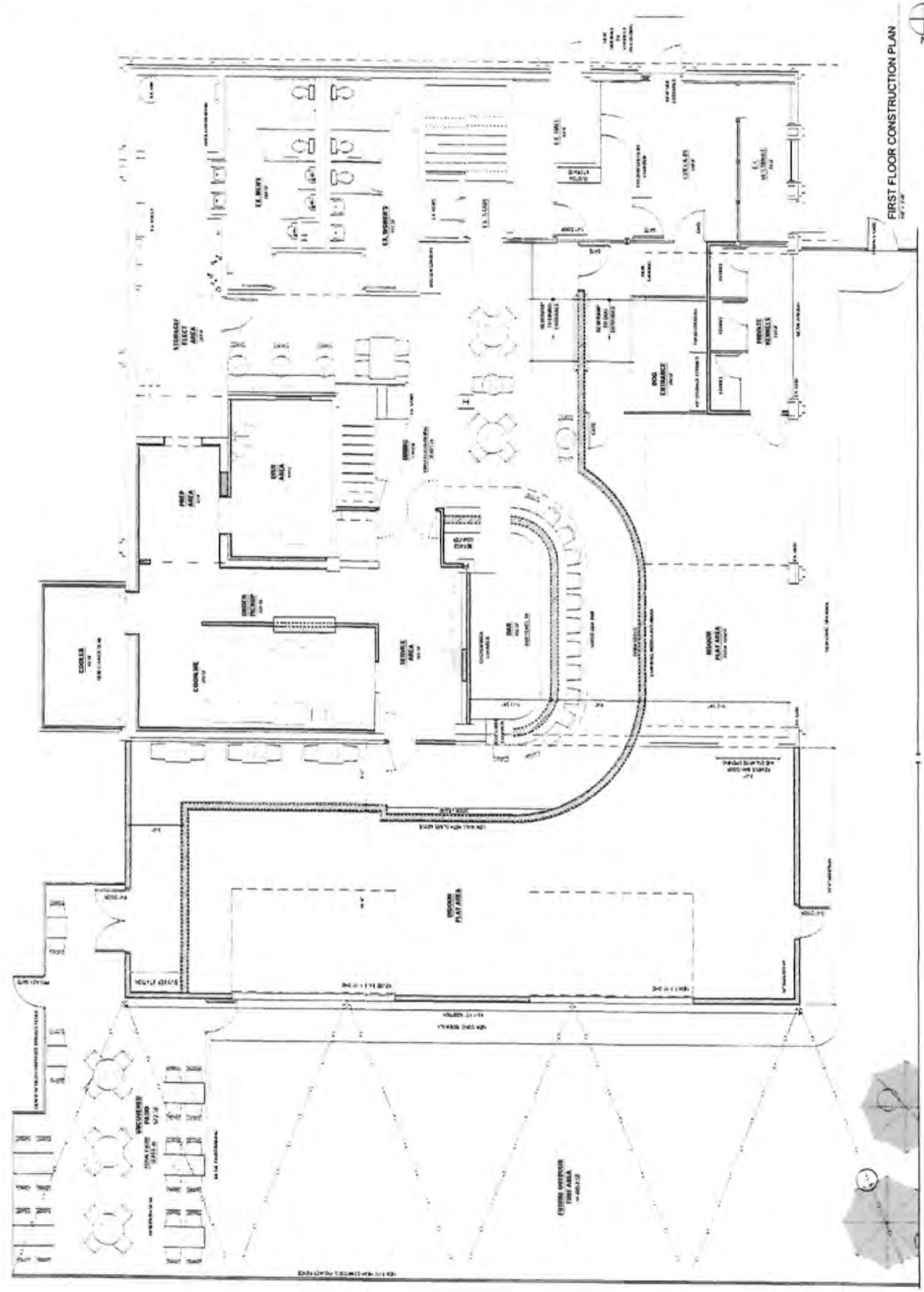
CHAGRIN BLVD.

BEACHWOOD RD.

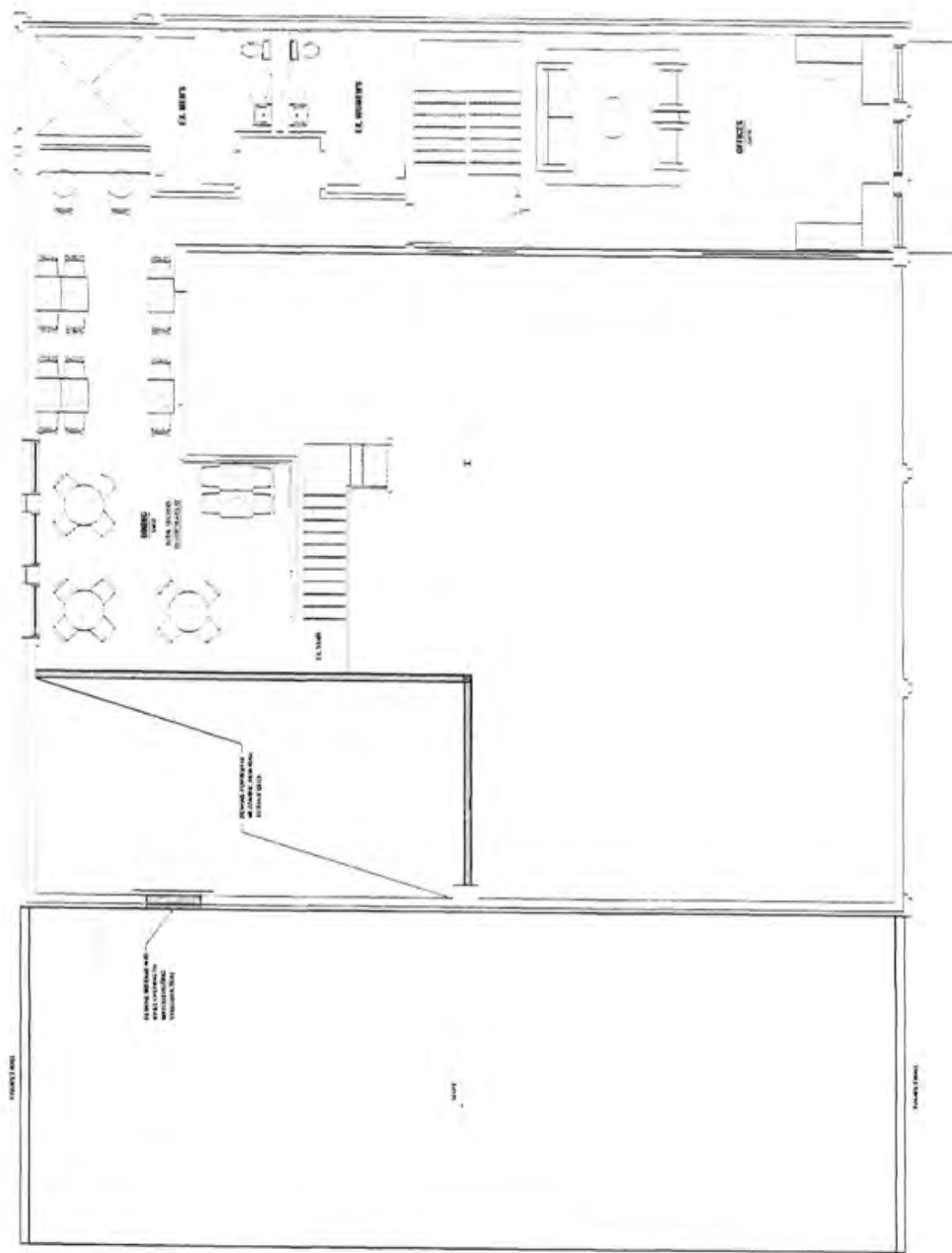
FIRE STATION DR.

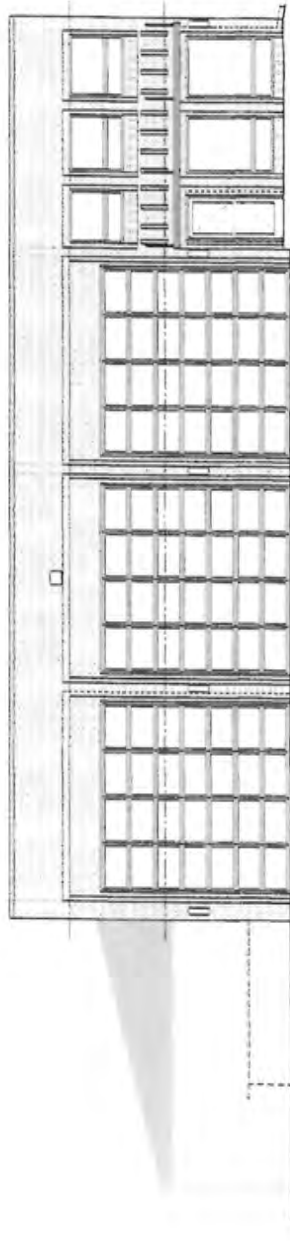


**FIRST FLOOR CONSTRUCTION PLAN**  
 10/1/2010

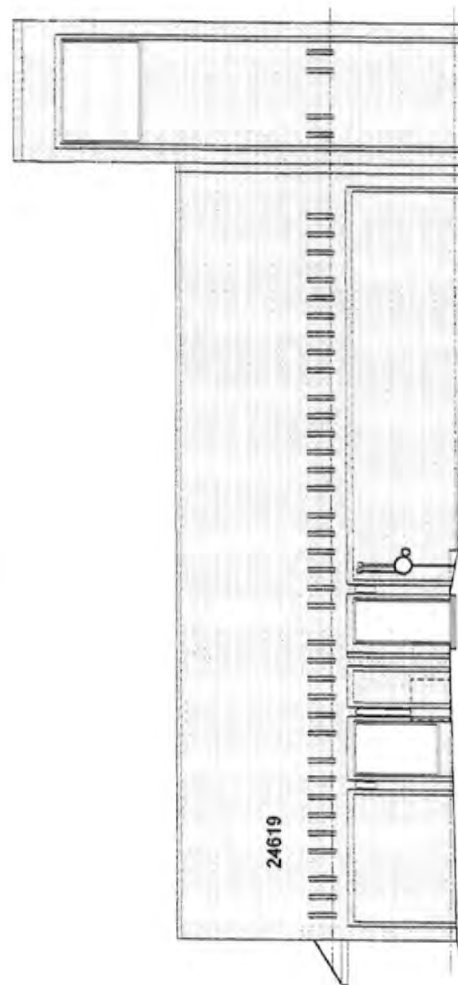








**EXISTING FRONT ELEVATION**  
 10/1/21



**EXISTING RIGHT SIDE ELEVATION**  
 10/1/21

A-4.2

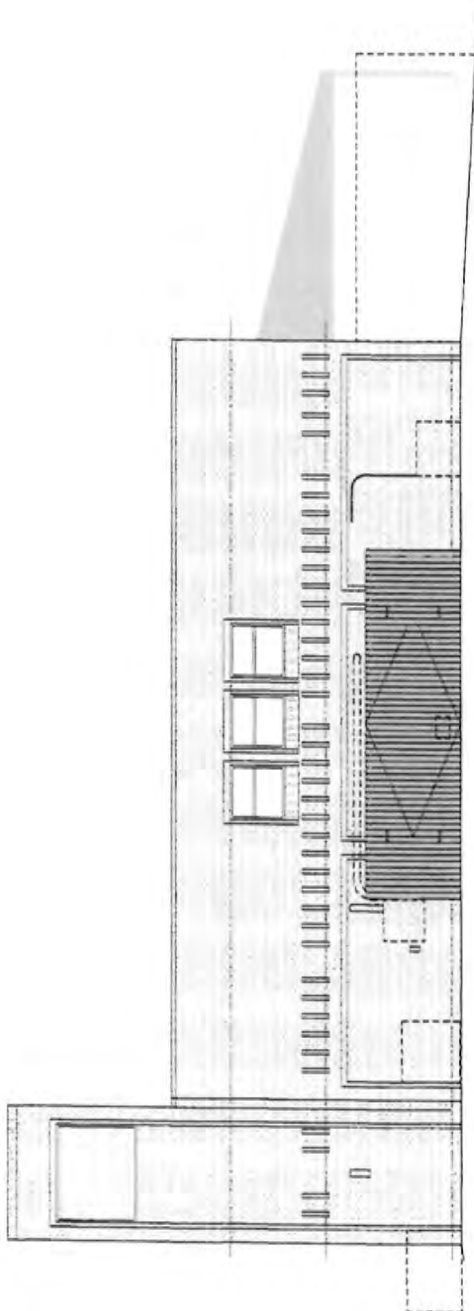
EXISTING ELEVATIONS  
1/11/2018

BARK AND BARREL  
24618 CHADRON BLVD  
BEAUMONT, CA 94712

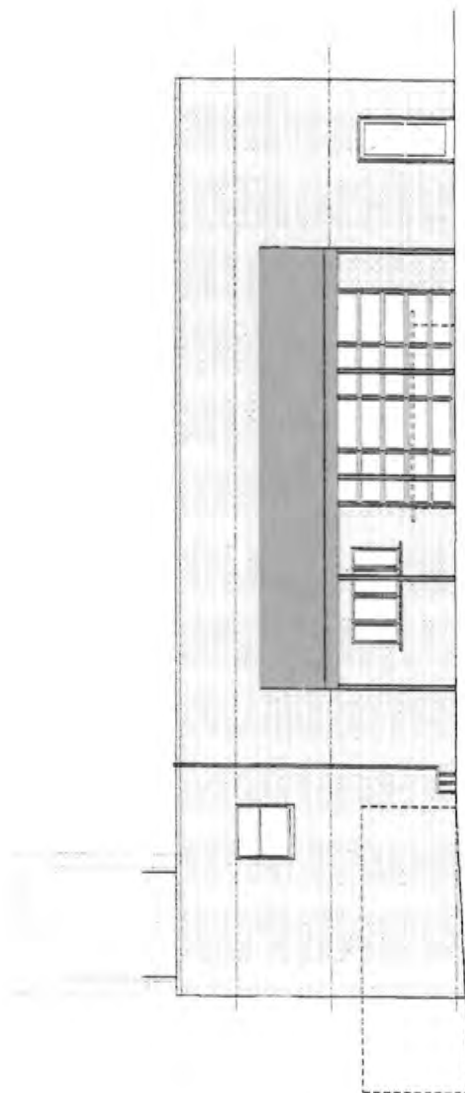
Project No: 17-0001  
Drawing No: 01  
Date: 01/11/2018  
Author: J. J. J. J.  
Check: J. J. J. J.  
Scale: 1/8" = 1'-0"

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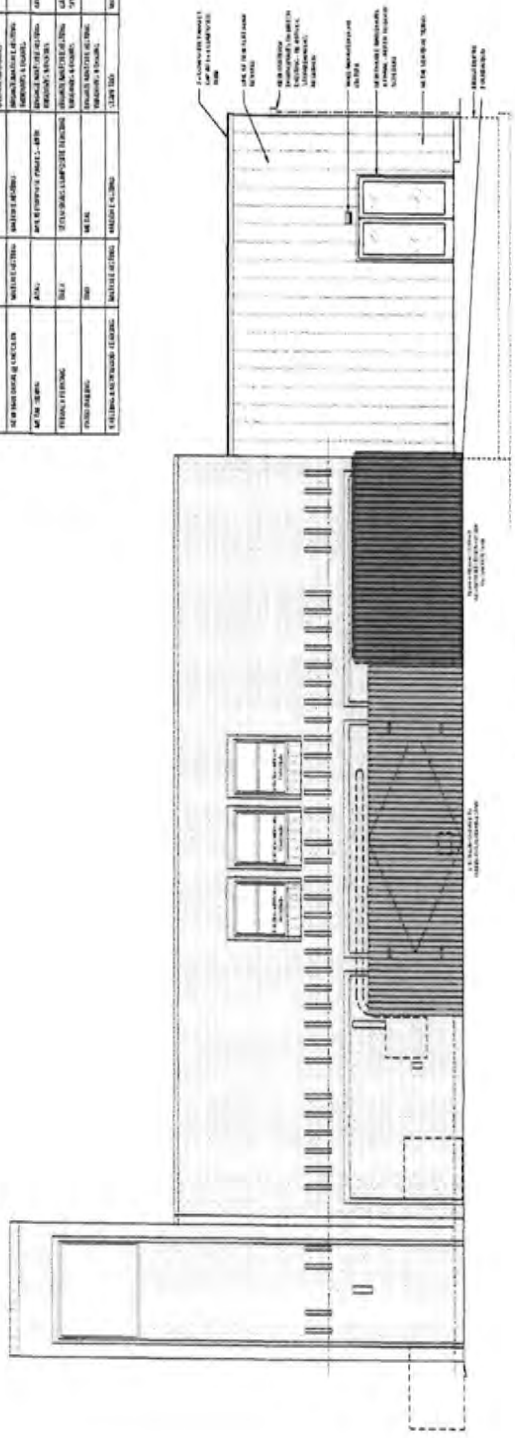
EXISTING REAR ELEVATION  
1/11/2018



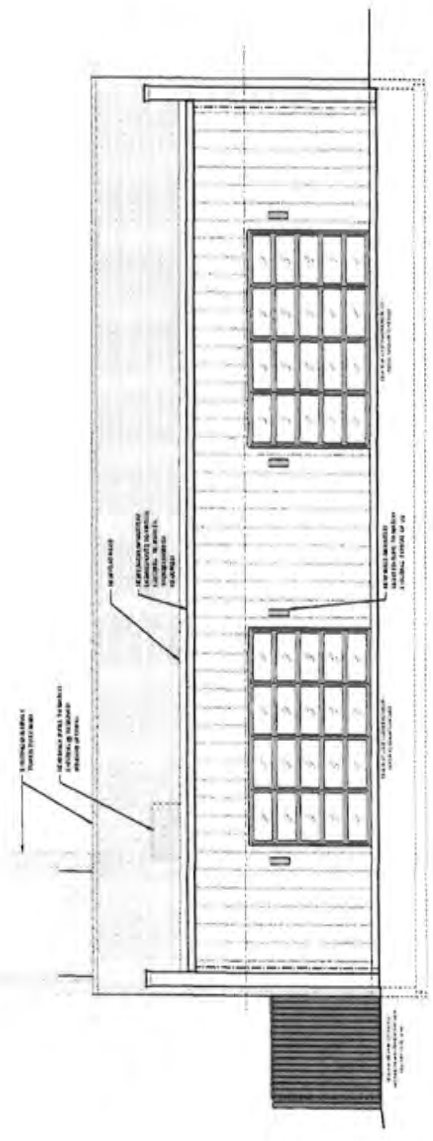
EXISTING LEFT SIDE ELEVATION  
1/11/2018

**PROPOSED RIGHT SIDE ELEVATION**

| EXTERIOR FINISH SCHEDULE |                   |                   |                   |
|--------------------------|-------------------|-------------------|-------------------|
| NO.                      | DESCRIPTION       | FINISH            | NOTES             |
| 1                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 2                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 3                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 4                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 5                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 6                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 7                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 8                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 9                        | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |
| 10                       | WALLS AND CEILING | WALLS AND CEILING | WALLS AND CEILING |



PROPOSED REAR ELEVATION  
1/8" = 1'-0"



PROPOSED LEFT SIDE ELEVATION  
1/8" = 1'-0"



# CITY OF BEACHWOOD

## INTER-OFFICE MEMORANDUM

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**TO:** Danielle Shoykhet, Council President  
Jillian DeLong, Council Vice President  
Alec Isaacson, Member of Council  
Alex Jacobs, Member of Council  
Pete Smith, Member of Council  
Ali Stern, Member of Council  
June Taylor, Member of Council

**FROM:** Daniel Grispino, Police Chief

**DATE:** June 2, 2026

**SUBJECT:** **Recommended Changes to BCO Chapter 474 and 402.05  
Proposed E-Scooter and E-Bike Ordinance Amendments**

As Chief of Police, my primary concern is the safety of our residents, pedestrians, motorists, and those operating e-scooters, e-bikes, and other motorized mobility devices. While these devices provide convenient and increasingly popular transportation options, many are capable of speeds exceeding 25 miles per hour, creating safety concerns when operated in areas intended primarily for pedestrian use. As their use continues to grow throughout our community, Mayor Berns and I believe it is important for the City to take reasonable steps to promote safe operation and reduce the risk of accidents and injuries.

To address these concerns, the Police Department and Law Department reviewed ordinances from other communities as well as Beachwood's bicycle and traffic regulations, many of which were adopted in 1974. Transportation methods and roadway use have changed significantly over the past fifty years, and the City's existing ordinances do not adequately address modern e-scooters, e-bikes, and similar motorized devices.

Based on that review and applicable state guidelines, we recommend updating the City's Code to specifically address e-scooters and other motorized mobility devices, prohibit their operation on sidewalks, and establish safety regulations designed to reduce conflicts between pedestrians and operators. These amendments are intended to promote the safe and responsible use of these devices while providing clear regulations that reflect today's transportation environment.

Following adoption of this ordinance, the administration intends to undertake a public education effort to inform residents about the new regulations, applicable state laws, and safe operating practices for e-scooters and e-bikes.

The safety of our community remains our highest priority, and these proposed amendments will help ensure that our ordinances adequately protect all users of our streets, sidewalks, and public spaces.

We respectfully ask that you consider this legislation at your June 15 Council meeting. If you have any questions or would like additional information, please contact me before the meeting so they can be adequately addressed.

Cc: Justin Berns, Mayor  
Todd Hunt, Law Director  
Tina Turick, City Administrator  
Matt Kurz, Assistant Law Director  
Ben Lombardi, Communications Manager  
Whitney Crook, Clerk of Council

AN ORDINANCE AMENDING CITY OF BEACHWOOD CODIFIED ORDINANCE CHAPTER 402 TITLED "DEFINITIONS"; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, BCO Chapter 402 establishes that the words and phrases used in the City's Traffic Code, unless otherwise provided, shall have the respective meanings ascribed to them within that Chapter;

WHEREAS, City Council requested that the Administration review the Codified Ordinances relating to the regulation of electric scooters and electric bicycles to determine whether updates are needed;

WHEREAS, upon conducting this review, the Administration identified the need to amend BCO Chapter 402 to include a definition for an "Electric Scooter";

WHEREAS, the City further completed its review of the applicable ordinances and proposed updates to address the concerns raised by Council regarding the regulation and safe use of electric scooters and electric bicycles within the City;

WHEREAS, City Council desires to amend Chapter 402 of the Beachwood Codified Ordinances in accordance with the City Administration's recommendations, in order to update and clarify definitions within the Traffic Code, including the addition of a definition for an "Electric Scooter," and to ensure the Code reflects current needs and best practices for the regulation of electric scooters and electric bicycles.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: Council hereby amends Beachwood Codified Ordinance Chapter 402, titled "Definitions", to read and provide, in its entirety, as set forth in **Exhibit "A"** which is attached hereto and fully incorporated by reference herein.

Section 2: Any other ordinances or parts thereof in conflict with this amendment are hereby repealed to the extent of the conflict and all ordinances and parts thereof not amended by this Ordinance shall remain in full force and effect.

Section 3: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 4: This Ordinance is declared an urgent measure necessary for the preservation of the public peace, health, safety or the efficient operation of the City, and for the further reason that it is necessary to be effective as soon as possible; wherefore, this Ordinance shall be in full force and effect immediately upon its passage and approval by the Mayor.

ORDINANCE NO. 2026-28

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

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Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

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Mayor

## EXHIBIT A

### 402.05 Bicycle; motorized bicycle; moped; electric bicycle; **electric scooter.**

- (a) "Bicycle" means every device, other than a device that is designed solely for use as a play vehicle by a child, that is propelled solely by human power upon which a person may ride, and that has two (2) or more wheels, any of which is more than fourteen (14) inches in diameter.
- (b) "Motorized bicycle" or "moped" means any vehicle having either two (2) tandem wheels or one (1) wheel in the front and two (2) wheels in the rear, that may be pedaled, and that is equipped with a helper motor of not more than fifty (50) cubic centimeters piston displacement that produces not more than one (1) brake horsepower and is capable of propelling the vehicle at a speed of no greater than twenty miles per hour on a level surface.

"Motorized bicycle" or "moped" does not include an electric bicycle.

- (c) "Electric bicycle" means a "class 1 electric bicycle", a "class 2 electric bicycle", or a "class 3 electric bicycle" as defined in this section.
  - (1) "Class 1 electric bicycle" means a bicycle that is equipped with fully operable pedals and an electric motor of less than seven hundred fifty (750) watts that provides assistance only when the rider is pedaling and ceases to provide assistance when the bicycle reaches the speed of twenty (20) miles per hour.
  - (2) "Class 2 electric bicycle" means a bicycle that is equipped with fully operable pedals and an electric motor of less than seven hundred fifty (750) watts that may provide assistance regardless of whether the rider is pedaling and is not capable of providing assistance when the bicycle reaches the speed of twenty (20) miles per hour.
  - (3) "Class 3 electric bicycle" means a bicycle that is equipped with fully operable pedals and an electric motor of less than seven hundred fifty (750) watts that provides assistance only when the rider is pedaling and ceases to provide assistance when the bicycle reaches the speed of twenty-eight (28) miles per hour.
- (d) **"Electric Scooter" means a device consisting of a long steering handle connected to a footboard that is mounted on two (or more) wheels and is propelled by an electric motor or another type of motor, designed such that the ride is able to keep both feet on the footboard while traveling either while standing or seated, and has an attainable speed on a paved level surface of not more than twenty miles per hour when propelled by the motor.**



INTRODUCED BY:

ORDINANCE NO. 2026-29

AN ORDINANCE AMENDING CITY OF BEACHWOOD CODIFIED ORDINANCE CHAPTER 474 TITLED “BICYCLES AND MOTORCYCLES”; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, City Council requested that the Administration review the Codified Ordinances relating to the regulation of electric scooters and electric bicycles to determine whether updates were needed;

WHEREAS, the City Administration completed its review of the current applicable ordinances, State law, and other jurisdictions’ regulations and has recommended updates to address pedestrian and cyclist safety, appropriate speed limits, and modern operational practices for bicycles, electric bicycles, and electric scooters; and

WHEREAS, City Council’s Safety Committee has reviewed the recommendations and made comments thereon and this Council desires to amend Chapter 474 of the Beachwood Codified Ordinances in accordance with the City Administration’s recommendations to ensure safe operations while providing needed provisions for mobility devices, police duties, and City-authorized events;

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: Council hereby amends Beachwood Codified Ordinance Chapter 474, titled “Bicycles and Motorcycles”, to read and provide, in its entirety, as set forth in **Exhibit “A”** which is attached hereto and fully incorporated by reference herein.

Section 2: Any other ordinances or parts thereof in conflict with this amendment are hereby repealed to the extent of the conflict and all ordinances and parts thereof not amended by this Ordinance shall remain in full force and effect.

Section 3: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 4: This Ordinance is declared an urgent measure necessary for the preservation of the public peace, health, safety or the efficient operation of the City, and for the further reason that it is necessary to be effective as soon as possible; wherefore, this Ordinance shall be in full force and effect immediately upon its passage and approval by the Mayor.

ORDINANCE NO. 2026-29

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

---

Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

---

Mayor

## EXHIBIT A

### CHAPTER 474. Bicycles, Electric Bicycles, Electric Scooters, and Motorcycles<sup>1</sup>

#### 474.01 Application of chapter.

- (a) The provisions of this Traffic Code that are applicable to bicycles~~and~~, electric bicycles, and electric scooters, apply whenever a bicycle~~or~~, electric bicycle, or electric scooter is operated upon any sidewalk, street, or upon any path set aside for the exclusive use of bicycles.
- (b) Except as provided in subsection (d) of this section, a bicycle operator~~or~~, electric bicycle operator, or electric scooter operator who violates any section of this Traffic Code described in subsection (a) of this section that is applicable to bicycles~~or~~, electric bicycles, or electric scooters may be issued a ticket, citation or summons by a law enforcement officer for the violation in the same manner as the operator of a motor vehicle would be cited for the same violation. A person who commits any such violation while operating a bicycle~~or~~, electric bicycle, or electric scooter shall not have any points assessed against the person's driver's license, commercial driver's license, temporary instruction permit, or probationary license under Ohio R.C. 4510.036.
- (c) Except as provided in subsection (d) of this section, in the case of a violation of any section of this Traffic Code described in subsection (a) of this section by a bicycle operator, electric bicycle operator, electric scooter operator, or motor vehicle operator when the trier of fact finds that the violation by the motor vehicle operator endangered the lives of bicycle riders~~or~~, electric bicycle riders, or electric scooter riders at the time of the violation, the court, notwithstanding any provision of this Traffic Code to the contrary, may require the bicycle operator, electric bicycle operator, electric scooter operator, or motor vehicle operator to take and successfully complete an ~~bicycling~~ applicable skills course approved by the court in addition to or in lieu of any penalty otherwise prescribed by the Traffic Code for that violation.
- (d) Subsections (b) and (c) of this section do not apply to violations of Section 434.01 of this Traffic Code.
- (e) The provisions of this Traffic Code shall apply to bicycles~~and~~, electric bicycles, and electric scooters except those which by their nature are not applicable.

State law reference(s)—ORC 4511.52

#### 474.02 Riding upon seats; carrying packages; motorcycle handle bars; helmets and glasses.

- (a) For purposes of this section, "snowmobile" has the same meaning as given that term in Section 476.01.
- (b) No person operating a bicycle~~or~~, electric bicycle, or electric scooter shall ride other than upon or astride the permanent and regular seat attached thereto, or carry any other person upon such bicycle~~or~~, electric bicycle, or electric scooter other than upon a firmly attached and regular seat thereon, and no person shall ride upon a bicycle~~or~~, electric bicycle, or electric scooter other than upon such a firmly attached and regular seat.
- (c) A person shall ride upon a motorcycle only while sitting astride the seat, facing forward, with one (1) leg on each side of the motorcycle.

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<sup>1</sup>Cross reference(s)—Bicycle defined - see TRAF. 402. 05 Motorcycle defined - see TRAF. 402.20; Bicycles prohibited on freeways - see TRAF. 412. 05; Operation of vehicles on bicycle paths - see TRAF. 432.36; Motorcycle operator's license required - see TRAF. 436.01(a); Motorcycle headlight - see TRAF. 438.03; Motorcycle reflectors - see TRAF. 438.05(b); Motorcycle brakes - see TRAF. 438.19(b); Motorcycle mufflers - see TRAF. 438.21

State law reference(s)—See section histories for similar State law

- (d) No person operating a bicycle ~~or~~, electric bicycle, or electric scooter shall carry any package, bundle or article that prevents the driver from keeping at least one (1) hand upon the handle bars.
- (e) No bicycle, electric bicycle, electric scooter, or motorcycle shall be used to carry more persons at one time than the number for which it is designed and equipped, nor shall any motorcycle be operated on a highway when the handle bars or grips are more than fifteen (15) inches higher than the seat or saddle for the operator.
- (f) No person shall operate or be a passenger on a snowmobile or motorcycle without using safety glasses or other protective eye device. No person who is under the age of eighteen (18) years, or who holds a motorcycle operator's endorsement or license bearing a "novice" designation that is currently in effect as provided in Ohio R.C. 4507.13, shall operate a motorcycle on a highway, or be a passenger on a motorcycle, unless wearing a protective helmet on his head, and no other person shall be a passenger on a motorcycle operated by such a person unless similarly wearing a protective helmet. The helmet, safety glasses or other protective eye device shall conform with regulations prescribed and promulgated by the Ohio Director of Public Safety. The provisions of this subsection or a violation thereof shall not be used in the trial of any civil action.
- (g) (1) No person under the age of sixteen (16) years shall operate a bicycle, electric bicycle, or electric scooter, or ride as a passenger on a bicycle, electric bicycle, or electric scooter equipped with a passenger seat, within the City unless such person is wearing a protective helmet on his or her head, with the chin strap fastened under the chin. Such helmet shall be fitted to the size of the operator and shall meet or exceed the standards set by the American National Standards Institute (ANSI) or the Snell Memorial Foundation (SNELL). This subsection shall not apply to any person riding a bicycle or who is a passenger on a bicycle on property zoned Class U-1 where such person resides.
- (2) No parent, guardian or person acting for a parent shall permit a person under sixteen (16) years of age to violate this subsection.
- (3) Any person under the age of sixteen (16) years found in violation of this subsection shall be informed by the police of the violation and of the severe injuries which may result when an accident occurs to a child not wearing a helmet. The police may take possession of the bicycle, electric bicycle, or electric scooter and hold it until the parent, guardian or person acting on behalf of the child claims the bicycle, electric bicycle, or electric scooter and is informed by the police of the violation and the severe injuries which may result.
- (4) It shall be an affirmative defense to a violation of this section that the parent, guardian or person acting on behalf of a parent or guardian made a good faith effort to purchase a helmet for the minor but was unable to do so as the result of the unavailability of a helmet meeting the requirements in this subsection.
- (5) Any parent, guardian or person acting on behalf of a parent or guardian of a person under the age of sixteen (16) years, who permits such person under age of sixteen (16) years to operate or be a passenger on a bicycle, electric bicycle, or electric scooter in the City, on public or private property, in violation of this subsection, shall be fined not more than twenty-five dollars (\$25.00).

(Ord. 1990-123. Passed 12-3-90)

State law reference(s)—ORC 4511.53; Adopting Ordinance

#### **474.03 Attaching bicycles, electric bicycles, electric scooters, motorcycles to other vehicles.**

- (a) No person riding upon any motorcycle, bicycle, electric bicycle, electric scooter, coaster, roller skates, sled, skateboard, or toy vehicle shall attach the same or himself to any vehicle upon a roadway.

No operator shall knowingly permit any person riding upon any motorcycle, bicycle, electric bicycle, **electric scooter**, coaster, roller skates, sled, skateboard, or toy vehicle to attach the same or himself to any vehicle while it is moving upon a roadway. This section does not apply to the towing of a disabled vehicle.

- (b) If the offender commits the offense while distracted and the distracting activity is a contributing factor to the commission of the offense, the offender is subject to the additional fine established under Section 404.991 of the Traffic Code.

State law reference(s)—ORC 4511.54

#### **474.04 Riding on right side of road way; riding abreast.**

- (a) Every person operating a bicycle **or electric bicycle** upon a roadway shall ride as near to the right side of the roadway as practicable obeying all traffic rules applicable to vehicles and exercising due care when passing a standing vehicle or one proceeding in the same direction.
- (b) This section does not require a person operating a bicycle **or electric bicycle** to ride at the edge of the roadway when it is unreasonable or unsafe to do so. Conditions that may require riding away from the edge of the roadway include when necessary to avoid fixed or moving objects, parked or moving vehicles, surface hazards, or if it otherwise is unsafe or impracticable to do so, including if the lane is too narrow for the bicycle and an overtaking vehicle to travel safely side by side within the lane.
- (c) Persons riding bicycles, electric bicycles or motorcycles upon a roadway shall ride not more than two (2) abreast in a single lane, except on paths or parts of roadways set aside for the exclusive use of bicycles, electric bicycles or motorcycles.
- (d) If the offender commits the offense while distracted and the distracting activity is a contributing factor to the commission of the offense, the offender is subject to the additional fine established under Section 404.991 of the Traffic Code.

State law reference(s)—ORC 4511.55

#### **474.05 Lights, signal devices, brakes on bicycles.**

- (a) Every bicycle ~~or~~, electric bicycle, **or electric scooter** when in use at the times specified in Section 438.02, shall be equipped with the following:
  - (1) A lamp mounted on the front of either the bicycle, ~~or~~ electric bicycle, **or electric scooter**, or the operator that shall emit a white light visible from a distance of at least five hundred (500) feet to the front; and three hundred (300) feet to the sides. A generator-powered lamp that emits light only when the bicycle ~~or~~, electric bicycle, **or electric scooter** is moving may be used to meet this requirement.
  - (2) A red reflector on the rear that shall be visible from all distances from one hundred (100) feet to six hundred (600) feet to the rear when directly in front of lawful lower beams of head lamps on a motor vehicle.
  - (3) A lamp emitting either flashing or steady red light visible from a distance of five hundred (500) feet to the rear shall be used in addition to the red reflector;  
  
If the red lamp performs as a reflector in that it is visible as specified in subsection (a)(2) of this section, the red lamp may serve as the reflector and a separate reflector is not required.
- (b) Additional lamps and reflectors may be used in addition to those required under subsection (a) of this section, except that red lamps and red reflectors shall not be used on the front ~~of the bicycle~~ and white lamps and white reflectors shall not be used on the rear ~~of the bicycle~~.
- (c) Every bicycle, **electric bicycle, and electric scooter** shall be equipped with an adequate brake when used on a street or highway.



- (d) A bicycle ~~or~~, electric bicycle, or electric scooter may be equipped with a device capable of giving an audible signal, except that a bicycle ~~or~~, electric bicycle, or electric scooter shall not be equipped with nor shall any person use upon a bicycle or electric bicycle any siren or whistle.

State law reference(s)—ORC 4511.56

#### **474.06 Riding on sidewalks, public ways, paths, or trails.**

- (a) No person shall operate an electric bicycle with the motor engaged on a sidewalk, public way, path, or trail unless otherwise authorized or specifically permitted within the Beachwood Codified Ordinances.
- (b) No person shall operate an electric scooter with the motor engaged at speeds in excess of 5 miles per hour on a sidewalk, public way, path, or trail.
- (c) No person under the age of fourteen (14) years, unless accompanied by a parent or legal guardian, shall operate a bicycle, electric bicycle, or electric scooter on the roadways within the City, provided sidewalks are available.
- (d) Persons fourteen (14) years of age and older may operate a bicycle, class 1 electric bicycle, class 2 electric bicycle, or electric scooter upon the roadways, but shall be governed by the same provisions of this Traffic Code relative to right-of-way as other vehicles.
- (e) Every person operating a bicycle, electric bicycle, or electric scooter upon a sidewalk shall yield the right-of-way to all pedestrians and vehicles lawfully using the sidewalk and shall give an audible signal before overtaking and passing any such pedestrian. This audible signal may be given by the voice or by a bell or other warning device capable of giving an audible signal and shall be given at a distance and in such a manner as not to startle a person being overtaken and passed.
- (f) A person operating a bicycle, electric bicycle, or electric scooter upon a sidewalk, before overtaking and passing a blind person carrying a white cane or guided by a dog, shall dismount and overtake or pass on foot, if necessary for safety.
- (g) A person shall not operate a bicycle, electric bicycle, or electric scooter from a sidewalk so as to suddenly leave a curb or other place of safety and move into the path of a vehicle that is so close as to constitute an immediate hazard.
- (h) No person shall operate a bicycle, electric bicycle, or electric scooter on a sidewalk at a speed greater than an ordinary walk when approaching or entering a crosswalk or approaching or crossing a driveway if a vehicle is approaching the crosswalk or driveway, or if pedestrians are present.
- (i) No person shall operate a Class 3 electric bike on a sidewalk, public way, path, or trail.
- (j) No person shall ride a bicycle, electric bicycle, or electric scooter on a sidewalk in a business district where restrictions have been placed by the Chief of Police due to congestion of the area, and where such restrictions are indicated by clearly visible signs.

(Ord. 1974-27. Passed 4-15-74)

#### **474.07 Parking; locks; theft.**

- (a) No operator of a bicycle or motorcycle shall park the same on any public property within the City unless such vehicle is securely locked.
- (b) No person shall steal any bicycle or motorcycle, or purposely take, ride or operate any such vehicle without the consent of the owner thereof, or buy or conceal any such vehicle, or a part therefor, that has been stolen, knowing it to have been stolen, of a value of less than one hundred fifty dollars (\$150.00).

(Ord. 1974-27. Passed 4-15-74)

#### **474.08 Parent's responsibility.**

No parent of any child or guardian of any ward shall authorize or knowingly permit any such child or ward to violate any of the provisions of this chapter.

(Ord. 1974-27. Passed 4-15-74)

#### **474.09 Impounding.**

Whenever any bicycle ~~or~~, electric bicycle, electric scooter, or motorcycle is operated by any person in violation of any of the provisions of this Traffic Code or is found on any public property not securely locked, such vehicle may be seized by any member of the Police Department and impounded in the Property Room of the Police Department or the Motor Vehicle Pound. Such impounded vehicles shall not be released except upon written order signed by the Chief of Police or some other officer designated by him. Any charges for towing or storing any impounded vehicle shall be paid by the owner of the vehicle or his agent directly to the garage acting as Motor Vehicle Pound. All parking citation charges, delinquent or otherwise, shall be paid before such vehicle is released.

Bicycles, electric bicycles, electric scooters, and motorcycles impounded from persons under the age of eighteen (18) years shall be released only to the parent or guardian of such person who shall be apprised of the reason for impounding the vehicle.

(Ord. 1974-27. Passed 4-15-74)

#### **474.10 Operation of motorized bicycles.**

- (a) No person shall operate a motorized bicycle upon any street or highway or any public or private property used by the public for purposes of vehicular travel or parking, unless all of the following conditions are met:
  - (1) The person is fourteen (14) or fifteen (15) years of age and holds a valid probationary motorized bicycle license issued after the person has passed the test provided for in Ohio R.C. 4511.521, or the person is sixteen years of age or older and holds either a valid commercial driver's license issued under Ohio R.C. Chapter 4506, or a driver's license issued under Ohio R.C. Chapter 4507, or a valid motorized bicycle license issued after the person has passed the test provided for in Ohio R.C. 4511.521, except that if a person is sixteen (16) years of age, has a valid probationary motorized bicycle license and desires a motorized bicycle license, the person is not required to comply with the testing requirements provided for in Ohio R.C. 4511.521;
  - (2) The motorized bicycle is equipped in accordance with rules adopted by the Ohio Director of Public Safety and is in proper working order;
  - (3) The person, if under eighteen (18) years of age, is wearing a protective helmet on the person's head with the chin strap properly fastened, and the motorized bicycle is equipped with a rear-view mirror;
  - (4) The person operates the motorized bicycle when practicable within three (3) feet of the right edge of the roadway obeying all traffic rules applicable to vehicles; and
  - (5) The motorized bicycle displays on the rear of such bicycle the current license plate or validation sticker furnished by the Ohio Director of Public Safety under Ohio R.C. 4503.191.
- (b) No person operating a motorized bicycle shall carry another person upon the motorized bicycle.
- (c) Whoever violates this section is guilty of a minor misdemeanor.
- (d) Whoever violates any of the provisions of this section is guilty of a misdemeanor of the fourth degree. Punishment shall be as provided in Section 408.01.

(Ord. 1978-55. Passed 4-17-78)

#### 474.11 Electric bicycles, electric scooters.

- (a) (1) The operation of a class 1 electric bicycle~~and~~, a class 2 electric bicycle, **and an electric scooter** is permitted on a path set aside for the exclusive use of bicycles or on a shared-use path **at speeds not to exceed 10 miles per hour**, unless the Municipality by resolution, ordinance, or rule prohibits the use of a class 1 electric bicycle~~or~~, class 2 electric bicycle, **or electric scooter** on such a path.
- (2) No person shall operate a class 3 electric bicycle on a path set aside for the exclusive use of bicycles or a shared-use path unless that path is within or adjacent to a highway or the Municipality by resolution, ordinance, or rule authorizes the use of a class 3 electric bicycle on such a path.
- (3) No person shall operate a class 1 electric bicycle, a class 2 electric bicycle~~or~~, a class 3 electric bicycle, **or electric scooter** on a path that is intended to be used primarily for mountain biking, hiking, equestrian use, or other similar uses, or any other single track or natural surface trail that has historically been reserved for nonmotorized use, unless the Municipality by resolution, ordinance or rule authorizes the use of a class 1 electric bicycle, a class 2 electric bicycle~~or~~, a class 3 electric bicycle, **or electric scooter** on such a path.
- (b) (1) No person under sixteen (16) years of age shall operate a class 3 electric bicycle; however, a person under sixteen (16) years of age may ride as a passenger on a class 3 electric bicycle that is designed to accommodate passengers.
- (2) No person shall operate or be a passenger on a class 3 electric bicycle unless the person is wearing a protective helmet that meets the standards established by the Consumer Product Safety Commission or the American Society for Testing and Materials.
- (c) **No person shall operate an electric bicycle or electric scooter:**
- (1) **Without due regard for the safety and rights of pedestrians, drivers and occupants of all other vehicles, and so as to endanger the life, limb, or property of any person while in the lawful use of the streets or sidewalks or any other public or private property;**
- (2) **Without exercising reasonable and ordinary control over such electric bicycle, electric scooter, or personal assistive mobility device;**
- (3) **In a weaving or zigzag course unless such irregular course is necessary for the safe operation in compliance with law;**
- (4) **While wearing more than one earphone attached to a cell phone or other audio device; and**
- (5) **While using a handheld electronic communications device to write, send or read text-based communications.**
- ~~(d)~~ (1) Except as otherwise provided in this subsection, whoever operates an electric bicycle, **or electric scooter** in a manner that is prohibited under subsection (a) of this section and whoever violates subsection (b) **or (c)** of this section is guilty of a minor misdemeanor. If, within one (1) year of the offense, the offender previously has been convicted of or pleaded guilty to one (1) predicate motor vehicle or traffic offense, whoever violates this section is guilty of a misdemeanor of the fourth degree. If, within one (1) year of the offense, the offender previously has been convicted of two (2) or more predicate motor vehicle or traffic offenses, whoever violates this section is guilty of a misdemeanor of the third degree.
- (2) The offenses established under subsection **(d)(1)** of this section are strict liability

offenses and strict liability is a culpable mental state for purposes of Ohio R.C. 2901.20. The designation of these offenses as strict liability offenses shall not be construed to imply that any other offense, for which there is no specified degree of culpability, is not a strict liability offense.

State law reference(s)—ORC 4511.522

#### **474.12 – Exceptions**

This Code section shall not apply to:

- (a) Mobility assistive devices required by individuals with disabilities.
- (b) Electric personal assistive mobility devices as used in Section 416.13.
- (c) Operation and use by City of Beachwood Police, persons sworn to enforce the criminal and traffic laws of the city or state, and other emergency service providers.
- (d) Events authorized by the City of Beachwood.
- (e) Events or pilot programs authorized by Beachwood City Council.

#### **474.99 Penalty.**

Editor's note(s)—See Section 408.02 for general Code penalty if no specific penalty is provided.

TO: MAYOR JUSTIN BERNES AND BEACHWOOD CITY COUNCIL

DATE: 6/10/2026

SUBJECT: FIRST AMENDMENT TO THE COMMUNITY REINVESTMENT AREA SCHOOL  
COMPENSATION AGREEMENT

---

This resolution supports the first amendment to the Community Reinvestment Area (CRA) Tax Abatement School Compensation Agreement.

History: Beachwood City Council pursuant to Ordinance No. 2018-36, established the original Community Reinvestment Area for commercial and residential properties within Commerce Park and Chagrin Boulevard to Richmond Road. Then later, through Ordinance No. 2020-113, amended that CRA to include all commercial parcels within the City of Beachwood. At that time, City Council also authorized legislation to enter into a School Compensation Agreement supporting shared revenue with the Board of Education, Ordinance 2020-114.

Details: City Council on May 18<sup>th</sup>, 2026 approved an expansion of the CRA area and made modifications to the terms of the City's CRA. At that time, it was at City Council's request that the administration also revisit the School Compensation Agreement with Beachwood City Schools. As a result, we are submitting this first amendment to the original school compensation agreement.

The changes from the original agreement, dated October 21<sup>st</sup>, 2020 and included within this first amendment include: 1) a change related to the compensation threshold, whereas the previous agreement set compensation above \$1,500,000 and was not adjusted annually, this first amendment sets compensation above the threshold of \$2,102,000, and as adjusted annually under ORC; The compensation remains in the aggregate. 2) the addition of Section B - whereby the recipient of the real property tax exemption, for any exemption beyond 50%, is required to make payments to the school district, in the amount of tax revenue the school board would forgo because of the exemption. Finally, 3) Section C is an acknowledgement, that it is not necessary to have school board approval.

Recommendations: My recommendation is to proceed with this legislation approving the amendment and compensation agreement that is acceptable to both the City and the School district.

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO A FIRST AMENDMENT TO THE COMMUNITY REINVESTMENT AREA (CRA) COMPENSATION AGREEMENT WITH THE BOARD OF EDUCATION OF THE BEACHWOOD CITY SCHOOL DISTRICT; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, the City of Beachwood previously established a Community Reinvestment Area pursuant to Ordinance No. 2018-36, and subsequently expanded it through Ordinance No. 2020-113 and Ordinance No. 2026-16;

WHEREAS, following the establishment and expansion of the Community Reinvestment Area, the City and the Board of Education of the Beachwood City School District ("BOE") entered into a Community Reinvestment Area Compensation Agreement authorized by Ordinance No. 2020-114;

WHEREAS, on May 18, 2026, City Council approved additional modifications to the CRA and requested the City Administration to negotiate an amendment to the existing School Compensation Agreement;

WHEREAS, the City Administration has negotiated with the BOE a First Amendment to the CRA Compensation Agreement ("First Amendment"), which includes the following changes:

1. Increasing a CRA exemption recipient business's payroll threshold from \$1,500,000 to \$2,102,000, effective in 2027, and to be adjusted annually pursuant to the Ohio Revised Code for the purpose of income tax sharing with the BOE;
2. Requiring that recipients of CRA tax exemptions above 50% to make payments to the BOE equal to the school tax revenue forgone; and
3. Acknowledgement that BOE approval is not required for CRA exemptions up to 75% for a 15-year period;

WHEREAS, the First Amendment is recommended for approval by the Administration.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: The Mayor is hereby authorized and directed to enter into a First Amendment to the Community Reinvestment Area Compensation Agreement with the Board of Education of the Beachwood City School District, in substantially the form attached hereto as Exhibit "A".

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Resolution is declared to be an urgent measure necessary for the public peace, health safety, or the efficient operation of the City; and for the further reason that it is necessary to enter into this amended agreement at the earliest time in order to facility economic development in the City; this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.



Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor

**FIRST AMENDMENT TO**  
**COMMUNITY REINVESTMENT AREA COMPENSATION AGREEMENT**

This FIRST AMENDMENT to the Community Reinvestment Area Compensation Agreement (the “*First Amendment*”) made and entered into as of \_\_\_\_\_, 2026 (the “*Effective Date*”) by and between the CITY OF BEACHWOOD, OHIO (the “*City*”), and the BOARD OF EDUCATION OF THE BEACHWOOD CITY SCHOOL DISTRICT, (the “*School Board*” and together with the City, the “*Parties*”), under the circumstances summarized in the following recitals. Any terms not defined, or redefined as amended, in this First Amendment are being used as defined in the CRA Compensation Agreement (as hereafter defined).

RECITALS:

WHEREAS, the City and the School Board previously entered into a Community Reinvestment Area Compensation Agreement dated as of October 21, 2020 (the “*Original Agreement*” and together with this First Amendment, the “*CRA Compensation Agreement*”); and

WHEREAS, the Ohio General Assembly adopted Senate Bill 33, effective April 4, 2023, which made certain changes to Ohio’ CRA program (“*Senate Bill 33*”); and

WHEREAS, pursuant to Ordinance \_\_\_\_\_ (the “*CRA Amending Ordinance*”) the City intends to amend Ordinances 2018-36 and 2020-113, to in order to promote investment and job creation and retention within the City; and

WHEREAS, the City and the School Board wish to cooperate and amend the Original Agreement, pursuant to Senate Bill 33 and Section 5709.82 of the Ohio Revised Code;

NOW, THEREFORE, in consideration of the premises and the mutual covenants hereinafter described, the Parties agree and bind themselves as follows:

- A. Amendment to Section 3.B). Beginning for 2027, Section 3.B) is hereby amended and restated to read in its entirety as follows:
  - B) Determine, in the aggregate, the annual municipal income tax revenue received by the City from its levy on wages, salaries, commissions, and other compensation of New Employees above the threshold Two Million One Hundred and Two Thousand Dollars (\$2,102,000), as adjusted annually under Section 5709.82(E) of the Ohio Revised Code, in wages, salaries, commissions, and other compensation of New Employees in connection with the CRA Properties (“*New Income Tax*”);
- B. CRA Tax Exemptions Exceeding Fifty Percent (50%). In the event the City approves an agreement granting a real property tax exemption greater than fifty percent (50%) pursuant to the CRA Amending Ordinance, the City, in said agreement, shall require the recipient of the real property tax exemption to make payments to the School Board. The payments shall be in the amount of tax revenue that the School Board would forgo as a result of the exemption exceeding fifty percent (50%).

- C. School District Consents. The School Board acknowledges that the City is permitted pursuant to the Ohio Revised Code, including without limitation Section 3735.671, to grant real property tax exemptions for seventy-five percent (75%) and fifteen years without the consent of the School Board.
- D. City Consents. The City reaffirms Section 7(B) of the Original Agreement.
- E. Miscellaneous.
- (1) Binding Effect. The provisions of this First Amendment shall be binding upon and inure to the benefit of the Parties and their respective successors and permitted assigns.
  - (2) Captions. The captions and headings in this First Amendment are for convenience only and in no way define, limit or describe the scope or intent of any provisions or sections of this Amendment.
  - (3) Effective Date. This First Amendment shall become effective on the date set forth in the preamble hereto.
  - (4) Executed Counterparts. This First Amendment may be executed in several counterparts (including counterparts executed or transmitted by electronic means), each of which shall be deemed to constitute an original, but all of which together shall constitute but one and the same instrument. It shall not be necessary in proving this First Amendment to produce or account for more than one of those counterparts.
  - (5) Recitals. The Parties acknowledge and agree that the facts and circumstances as described in the Recitals hereto are an integral part of this First Amendment and as such are incorporated herein by reference.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed in their respective names by their duly authorized officers all as of the date hereinbefore written.

**CITY OF BEACHWOOD, OHIO**

By:\_\_\_\_\_

Printed: Justin Berns

Title: Mayor

Approved as to form:

\_\_\_\_\_  
City Law Director

**BOARD OF EDUCATION OF THE  
BEACHWOOD CITY SCHOOL DISTRICT**

By:\_\_\_\_\_

Printed:\_\_\_\_\_

Title:\_\_\_\_\_

By:\_\_\_\_\_

Printed:\_\_\_\_\_

Title:\_\_\_\_\_

### **FISCAL OFFICER'S CERTIFICATE**

The undersigned, Director of Finance of the City of Beachwood, Ohio under the foregoing First Amendment, certifies hereby that the financial obligations, if any, under the foregoing First Amendment have been appropriated for payment thereunder. This Certificate is given in compliance with Ohio Revised Code Section 5705.41 and 5705.44.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Director of Finance  
City of Beachwood, Ohio

# Memorandum

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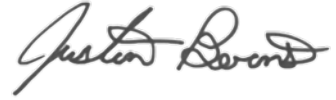
**To:** Larry Heiser, Finance Director

**From:** Craig Kaufman, IT Manager

**Subject:** Conference Room A

**Date:** June 10, 2026

Approved 6/15/2026



---

The current microphones in Conference Room A continue to produce poor sound quality, which impacts on the clarity of meetings. We would like to replace them and add backup audio recording.

I have obtained two quotes for this project. Although Root Integration's proposal is \$2,977.00 higher, I recommend selecting them. Root Integration completed the audiovisual upgrades in the Council Chambers, and using the same vendor will ensure full compatibility and consistent performance across our facilities. Their solution will allow the new wireless microphones in Conference Room A to integrate seamlessly with the systems already in place.

The cost for updating the microphones and adding a backup recorder for Conference Room A is \$33,135.00. I recommend purchasing this from Root Integration.

With your permission, I would like to place this on the next council agenda. Please let me know if you have any questions regarding this item.



INTRODUCED BY:

RESOLUTION NO. 2026-67

A RESOLUTION ACCEPTING A QUOTATION FROM ROOT INTEGRATED SYSTEMS, LLC FOR THE PURCHASE AND INSTALLATION OF MICROPHONES AND BACKUP AUDIO RECORDING EQUIPMENT FOR CONFERENCE ROOM A; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, the City received a quotation from Root Integrated Systems for the purchase and installation of microphones and backup audio recording equipment for Conference Room A at City Hall to address ongoing issues with poor sound quality;

WHEREAS, the IT Manager recommends selecting Root Integrated Systems, LLC, which has completed other audiovisual projects for the City, including the upgrades in the Council Chambers, and using the same vendor will ensure full compatibility and consistent performance across the City's A/V systems; and Root's proposed solution will allow the new wireless microphones in Conference Room A to integrate seamlessly with the systems already in place; and

WHEREAS, the total cost for updating the microphones and adding backup recording equipment in Conference Room A is Thirty-Three Thousand One Hundred Thirty-Five Dollars and No/Cents (\$33,135.00).

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: Based upon the recommendation of the IT Manager and the Finance Director, the Mayor is hereby authorized and directed to accept the quotation of Root Integrated Systems, LLC as set forth in Exhibit "A", a copy of which is attached hereto and incorporated herein, to update the microphones and adding backup recording equipment in Conference Room A in an amount not to exceed Thirty-Three Thousand One Hundred Thirty-Five Dollars and No/Cents (\$33,135.00).

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Resolution is declared to be an urgent measure necessary for the preservation of the public welfare and the efficient operation of the City; and for the further reason that the project may move forward at the earliest possible time; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.

RESOLUTION NO. 2026-67

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor



City of Beachwood

Conference Room A – MXWC System

Project Number: 7648 v2.2



## CONFERENCE ROOM A

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### Project Overview:

Root will provide and install a Shure Microflex Complete Wireless Delegate system in Conference Room A. The system will integrate with the existing audio recording system (Swagit) and allow for wireless delegate microphone use and control.

### Scope of Services Provided by Root:

#### 1. Provision of Equipment

- Supply (10) Shure wireless delegate base stations with gooseneck microphones.
- Supply (1) ceiling-mounted Shure wireless access point for connection to delegate base stations.
- Supply (1) ten-bay charging station with rechargeable Lithium-Ion batteries.
- Provide required accessories for integration with the existing Swagit recording system via analog XLR audio.

#### 2. Installation Services

- Install and configure (10) wireless delegate base stations and microphones.
- Install and configure the Shure wireless access point.
- Integrate delegate system with the existing Swagit recording system.
- Perform onsite frequency coordination.

#### 3. Testing and Commissioning

- Test all delegate stations for connectivity and functionality.
- Confirm audio integration with Swagit recording system.
- Verify web-based control interface functionality for mute/unmute, delegate queue, battery monitoring, and online status.

#### 4. Demonstration

- Provide training on the use of delegate microphones, charging station, and web-based control interface.
- Review system operation with designated owner representatives.

#### 5. Cleanup

- Remove all packaging materials and installation debris from the site.

### Responsibilities of the Owner:

#### Electrical Power

- Provide required electrical outlets for the charging station, access point, and related equipment.

#### Data Connections

- Provide all necessary data connections as required for system operation.

#### Coordination with Recording Provider

- Ensure Swagit is available for commissioning and adjustment of recording output levels following installation.

### Exclusions:

- Root is not responsible for providing electrical power.
- Root is not responsible for providing data connections.
- Root is not responsible for modifications to existing infrastructure or furniture.
- Root is not responsible for ongoing operation or maintenance of the Swagit recording system.

| QTY | BASE SYSTEMS                                                   |
|-----|----------------------------------------------------------------|
| 10  | Wireless Conference Unit                                       |
| 10  | Rechargeable Battery<br>With test button and LED charge status |
| 1   | Wireless Access Point                                          |
| 1   | Network Charging Station                                       |
| 10  | Gooseneck Microphone                                           |
| 1   | Wireless Controller                                            |
| 1   | AV Specific Cables                                             |
| 1   | Misc Installation Hardware                                     |
| 1   | System Engineering                                             |
| 1   | Pre-Fabrication Shop Testing                                   |
| 1   | Field Commissioning                                            |
| 1   | Project Management                                             |
| 1   | End User Training                                              |
| 1   | Shipping and Logistics                                         |
| 1   | (1-Year) Root Provided Warranty                                |

Subtotal **\$28,970.00**

Tax (EXEMPT) **\$0.00**
**Total** **\$28,970.00**



| QTY                                   | Additional Alternates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cost       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <input checked="" type="checkbox"/> 1 | <b>Add to existing Recording System:</b><br><br>Adds network audio adapters to allow for audio transport to network audio processor and user interface housed in council chambers. This will allow individual recording of meetings in Conference Room A and Council Chambers.<br><br>NOTE: Meetings that take place at the same time will not be able to be recorded simultaneously.<br><br>NOTE: All necessary data connections are to be provided by others<br><br>NOTE: All network setup for distribution to be customer provided | \$1,845.00 |

Options Subtotal **\$1,845.00**

Tax (EXEMPT) **\$0.00**

**Options Total \$1,845.00**

**GRAND TOTAL :\$30,815.00**

INCLUDING SELECTED OPTIONS AND TAX:  
*Less Selected Managed Service (KeyRefresh) Options*



**IMPORTANT NOTICE**

Ongoing shifts in global trade policies—including changes to U.S. government tariffs—have resulted in dynamic pricing for certain electronic components, which now fluctuates regularly. These cost fluctuations are driven by factors beyond our control and may affect component availability and final project totals. While we strive to provide accurate and stable pricing and timelines, ongoing global uncertainties continue to make this increasingly challenging.

Root works closely with a network of trusted suppliers to forecast availability and minimize cost variability wherever possible. We are actively monitoring developments across the global supply chain to stay ahead of potential disruptions and to adapt as needed.

When adjustments become necessary, we will communicate changes clearly and as soon as it can be responsibly done. Our goal is always to be transparent, fair, and proactive—ensuring you have the information you need to make confident decisions throughout the project.

I have read the Important Notice and understand the potential impact tariff fees may have on the final project cost. All tariff fees will be billed at actual at the time they are applied to invoices for shipments.

**Below are the estimated tariff cost adjustments for this project.**

To help mitigate the impact of potential future tariff changes, you can choose to include these costs in the initial project pricing by selecting the corresponding checkboxes below.

| QTY                        | Contingency Estimate                                                                                                                                                                                                  | Price      |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <input type="checkbox"/> 1 | PROJECTED TARIFF FEE GOES HERE - ASSUMED AT 5%<br><b>Note:</b> This is the <b>estimated</b> cost of tariffs at this date.<br>All tariff fees will be billed at actual at the time when they are applied to shipments. | \$1,450.00 |

Subtotal **\$0.00**

Tax (EXEMPT) **\$0.00**

**Total \$0.00**

**PROPOSAL ACCEPTANCE:**

**Signature**

**Name**

**Title**

**PO Number**

**:root**

integrated | systems

# PROJECT APPENDIX

Prepared for

City of Beachwood

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Conference Room A – MXWC System

Project Number: 7648 v2.2

### General Scope of Services

| Scope Item             | Responsible Party |       |       |
|------------------------|-------------------|-------|-------|
|                        | Root              | Owner | Other |
| System Design          | X                 |       |       |
| Project Coordination   | X                 |       |       |
| Systems Engineering    | X                 |       |       |
| UI / DSP Programming   | X                 |       |       |
| End User Training      | X                 |       |       |
| Project Management     | X                 |       |       |
| Delivery and Logistics | X                 |       |       |

### Device Scope of Installation

| Scope Item                     | Responsible Party |       |       |
|--------------------------------|-------------------|-------|-------|
|                                | Root              | Owner | Other |
| Audio visual cabling           | X                 |       |       |
| Audio Distribution Electronics | X                 |       |       |
| UC Control System              | X                 |       |       |

### Project Site Conditions

| Scope Item          | Responsible Party |       |       |
|---------------------|-------------------|-------|-------|
|                     | Root              | Owner | Other |
| Electrical Power    |                   | X     |       |
| Network Electronics |                   | X     |       |
| Electrical Rough-In |                   | X     |       |
| Furniture           |                   | X     |       |
| Furniture Modules   |                   | X     |       |
| Data Cabling        |                   | X     |       |
| PC / Laptops / Etc  |                   | X     |       |



Let's take a moment to cover some key points of our proposal—what's included, what's not, what we'll handle, what we won't, and how we'll work together to make it all great. We like to be clear and collaborative, so you'll know exactly what to expect as when we bring your system to life.

## Network Interaction

ROOT doesn't manage, secure, or maintain your network—we leave that in your hands. We'll only connect devices with your authorization and offer limited assistance if needed. Here's what we do (and don't) provide when it comes to your network:

- ✓ Software provider network documentation
- ✓ Hardware manufacturer network documentation
- ✓ Network Assistance Service for Additional Fee

- ✗ Network cabling infrastructure
- ✗ Network connectivity
- ✗ Proper power-over-ethernet
- ✗ IP addresses and configuration
- ✗ Identifying appropriate wall jacks or switch ports
- ✗ Account or resource creation
- ✗ Maintaining credentials for owner-provided subscription

## Owner Furnished Equipment

If you have existing equipment you'd like us to incorporate into your system design, we're happy to work with it. However, we can't take responsibility for its performance or include it in our warranty services. This is what we will and will not be responsible for in your new system:

- ✓ All Root furnished and installed devices and cabling

- ✗ Preexisting hardware and cabling

## Root System Support Bundle

We stand behind the quality of our systems and our workmanship and back it with a one-year warranty. If something stops working due to a defect, we'll fix it. And if you've opted into RootCloud Virtual Service Technician, we provide remote troubleshooting and system adjustments. **Root offers extended warranty and support agreements customized to your needs.** \*see Root Integrated Systems Terms and Conditions for more details.

- ✓ General System Warranty
- ✓ RootCloud Virtual Technician
- ✓ On-Site Technician Support
- ✓ System Configuration Adjustments
- ✓ Email and Telephone Support
- ✓ Firmware Updates & Necessary Patches for Hardware Components

- ✗ Issues with your network configuration
- ✗ Devices impacted by software and hardware EOL or EOS
- ✗ Equipment you decide to move on your own
- ✗ Damages from changes you make to the system
- ✗ Improper use and / or abuse
- ✗ Damage from power surges or lightning strikes
- ✗ Any of your preexisting hardware or cabling

## Support Services

Your Root-installed AV system is backed by a dedicated support network, ensuring reliability and performance when you need it. Here's how to connect with our team:



216-282-7470



rootintegration.com



support@rootintegration.com

## Everything Else

### Proposal Terms and Conditions

This proposal is valid for 10 business days, excluding taxes unless noted. Model specifications may vary before installation. Changes or delays may require a signed Change Order. Root is not liable for third-party design errors or equipment issues. Content is confidential and cannot be shared externally.

### Payment Terms

A 35% mobilization invoice will be issued, with a 50% deposit required for custom electronics. Progress billing is monthly; change orders are billed upon approval. A 4% fee applies to credit card payments. Payment is due upon receipt. ACH payments are accepted; contact [receivables@rootintegration.com](mailto:receivables@rootintegration.com) for details.

### Mutual Non-Solicitation

Both parties agree not to solicit or hire each other's employees, contractors, or agents involved in services under this agreement for its duration and one year after termination, without written consent. Public job postings are exempt. Breaches may result in injunctive relief, damages, or other legal remedies.

### Intellectual Property

This proposal is the intellectual property of Root Integrated Systems, LLC and cannot be distributed beyond the addressee. It includes all designs, data, methods, and related technologies developed for the project, with all associated intellectual property rights, including patents, copyrights, trademarks, and trade secrets.



# Your network is your enviroment

Your IT setup is built for your unique security and transmission needs, so you're responsible for making sure your network meets the technical requirements for your ROOT-Installed AV system to work properly. We'll provide documentation from software providers and hardware manufacturers to help with setup, but managing and securing your network—like account setup, credentials, and performance monitoring—is entirely up to you.

| :root |                                  | Customer |                                        |
|-------|----------------------------------|----------|----------------------------------------|
| ✓     | Notice of a completed deployment | ✓        | Identifying wall jacks or switch ports |
| ✓     | Network recommendations          | ✓        | Account or resource creation           |
|       |                                  | ✓        | Maintaining credentials                |
|       |                                  | ✓        | Network cabling infrastructure         |
|       |                                  | ✓        | Network connectivity to ports          |
|       |                                  | ✓        | Proper power-over-ethernet             |
|       |                                  | ✓        | IP addresses and configuration         |

If you run into issues with your AV system and your network, we can provide some help. Whether through recommendations, system testing, or troubleshooting and resolving issues, we can provide some assistance to help get you on track.

## Here's how we can help



## If you need more assistance

If you need further assistance or want us to identify and resolve issues, we can explore additional service options. If applicable, our team will use the necessary expertise to diagnose and stabilize your network, but this falls outside your initial agreement and will be billed separately at Root's standard time and material rates.

| Additional Support Service | Price                                                   |
|----------------------------|---------------------------------------------------------|
|                            | <b>\$60 Trip Charge + 3 Hour Minimum per Site Visit</b> |
| AV Technician              | \$125                                                   |
| Audio Engineer             | \$150                                                   |
| Applications Engineer      | \$150                                                   |
| DSP Programmer             | \$165                                                   |
| Control Programmer         | \$165                                                   |
| Support Administration     | \$85                                                    |
| Project Management         | \$106                                                   |

## Terms And Conditions

### SCOPE OF WORK & ACCEPTANCE

Root Integrated Systems, LLC ("ROOT") will complete the Scope of Work (SOW) outlined in this proposal for CUSTOMER. The SOW and pricing are valid for 10 business days unless otherwise agreed. Taxes are NOT included unless explicitly stated in the pricing section.

By signing this proposal, CUSTOMER acknowledges that any changes to the SOW, assumptions, or delays caused by external factors will require a signed Change Order. External factors include, but are not limited to:

- Space or location access issues
- CUSTOMER's computer network connectivity or incompleteness
- Construction status
- Equipment delays
- Any other factors not addressed in the agreed-upon SOW

CUSTOMER acknowledges that model numbers and features of electronic components may change before project completion. ROOT is not responsible for design errors or material issues specified or provided by others. Using ROOT's services constitutes acceptance of these terms.

### ROOT STANDS BEHIND THE QUALITY OF OUR SYSTEM DESIGNS AND WORKMANSHIP

ROOT warrants that the audio-visual system and related hardware it furnishes and installs will remain operational for one (1) year, beginning on the earlier of (A) the date of written acceptance by the CUSTOMER or (B) ten (10) consecutive business days following user training, during which no critical defect has been reported to ROOT in writing. Failure to report a critical defect within this period constitutes functional completion.

- A. During this period, ROOT will repair or replace failed hardware components at no cost to CUSTOMER, unless failure results from misuse, unauthorized modifications, or external factors beyond ROOT's control.
- B. During this period ROOT will provide CUSTOMER with System Support Bundle at no additional cost. This support is limited to the services listed below unless otherwise agreed by ROOT:
  1. General System Warranty
  2. RootCloud Virtual Technician\* (Requires additional purchase or inclusion in the agreed upon SOW)
  3. On-Site Technician Support
  4. System Configuration Adjustments
  5. Email and Telephone Support
  6. Firmware Updates and Necessary Patches for Hardware Components

### SYSTEM SUPPORT BUNDLE EXCLUSIONS

Services rendered to address the following are not included in the System Support Bundle and will be billed separately upon completion

- A. Normal wear and tear or cosmetic damages that do not affect the functionality of the system(s).
- B. Damage or defects resulting from improper use, abuse, or neglect.
- C. Issues arising from external factors such as power surges, lightning strikes, or other acts of nature.
- D. Consumable items such as batteries or any component with a limited life that is expected to be replaced periodically.
- E. Troubleshooting, identifying, isolating, replicating, or remediating issues associated with CUSTOMER's computer network and associated systems and devices (SEE DETAILED DESCRIPTIONS BELOW)
- F. Incompatibility or disruptions caused by changes, failures, or discontinuation by third-party software, hardware, or service providers that are not explicitly addressed in the agreed-upon SOW with ROOT. This includes, but is not limited to:
  1. The elimination or failure of Microsoft, Zoom, Cisco, Google, or any other software or service provider used in the system, including the removal or discontinuation of specific features or services they provide.
  2. System outages of Microsoft, Google, Cisco, Zoom, Azure, AWS and other cloud-based services used in the system
  3. The elimination or limitation of software features that were available at the time of deployment but later modified, restricted, or eliminated by the software provider or manufacturer.
  4. Discontinuation of hardware support by the software manufacturers.

The System Support Bundle will be voided if:

- A. CUSTOMER relocates the ROOT-installed AV system without ROOT's consultation and agreement.
- B. CUSTOMER makes changes to the ROOT-installed AV system, including attached or provided peripheral devices, without ROOT's consultation and agreement.
- C. CUSTOMER installs or modifies hardware using a third party that removes, alters, or obscures the ROOT-installed AV system without ROOT's consultation and agreement.

### ROOT DEFINES ROOTCLOUD VIRTUAL TECHNICIAN IN THE FOLLOWING TERMS:

Assistance provided by ROOT is in accordance with ROOT's Scope of Network Interaction. This service is either purchased by the CUSTOMER or included in the agreed-upon Scope of Work (SOW) and is made possible by the CUSTOMER granting ROOT access to cloud-accessible components and systems. The service utilizes RootCloud (referred to as ROOT CLOUD), a proprietary, subscription-based, cloud-hosted solution operated and supported by ROOT. ROOT will make a commercially reasonable, good-faith effort to troubleshoot issues within its reasonable control. However, ROOT will not take unreasonable action, incur substantial losses, or guarantee specific issue resolution. Additionally, ROOT is not liable for damages, including system downtime,

- A. Rootcloud Virtual Service Technician requires CUSTOMER to grant ROOT cloud access to the installed audio-visual system and hardware. This access is initiated upon CUSTOMER request and is terminated after issue resolution unless ongoing access is explicitly authorized. Please see ROOT's Scope of Network Interaction (SNI) for more information.
- B. Rootcloud Virtual Service Technician will be available during Standard Business Hours: Monday-Friday from 8:00 AM to 6:00 PM Eastern Standard Time (excluding holidays), unless otherwise agreed upon by ROOT.
- C. During this time, CUSTOMER undertakes to provide stable and consistent computer network, a willing, available, and active representative that can follow troubleshooting protocol directions by telephone to assist ROOT during this time. Should a site visit be required for resolution, CUSTOMER must provide a willing, available, and active site representative and full and free access upon ROOT's arrival to the equipment covered under this Agreement.
- D. Extended troubleshooting is available upon CUSTOMER request and will be billed separately at ROOT's standard rates.

### ROOTCLOUD VIRTUAL SERVICE TECHNICIAN EXCLUSIONS

- A. CUSTOMER's owner-furnished equipment (OFE), or other devices not furnished and installed by ROOT
- B. Service interruptions and outages from CUSTOMER's chosen service provider.
- C. CUSTOMER directed changes to logins, configuration, or network infrastructure.
- D. CUSTOMER directed changes to the AV System control code, programming, touch panels, software, user interface files, firmware and operating systems provided and installed by Root Integrated Systems.
- E. CUSTOMER-directed changes inclusive of relocations to the ROOT-installed AV system.
- F. CUSTOMER-directed changes to ROOT PRODUCTS, including attached and/or provided peripheral devices.
- G. CUSTOMER computer network and associated systems, devices, and programs. Any time committed to troubleshooting, identifying, isolating replicating, or remediating issues associated with CUSTOMER's computer network and associated systems, is outside the

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## Terms And Conditions

SOW. ROOT reserves the right to bill CUSTOMER separately and at ROOT's standard rate. For more information, please refer to Root's Network Responsibilities.

If ROOT provides remote technical assistance for excluded items or issues related to them, it reserves the right to bill CUSTOMER separately at its standard rate(s).

### ROOT DEFINES ON-SITE SUPPORT IN THE FOLLOWING TERMS:

On-Site Support refers to professional technical assistance provided by ROOT at any location to identify, diagnose, troubleshoot, modify, repair, or replace audio-video system(s). This service is available to any organization or individual, not just ROOT clients, and is not limited to components and systems furnished or installed by ROOT, or issues covered under ROOT's System Support Bundle.

- A. System inspections
- B. Hardware and software troubleshooting
- C. Component replacements
- D. General system optimization

On-site support is available during ROOT's standard business hours and is subject to scheduling availability, service fees, and response time commitments unless otherwise agreed upon by ROOT. It does not include owner-furnished equipment (OFE), modifications, upgrades, or additional installations unless explicitly approved by ROOT.

On-Site Support is available for items not covered by ROOT's System Support Bundle, including those outside ROOT's agreed-upon Scope of Work (SOW), Owner Furnished Equipment (OFE), and rooms or systems affected by outages. This work will be billed separately upon completion of service.

### SYSTEM SUPPORT RESPONSE TIMES

|                                    | ISSUE LEVEL                | INITIAL RESPONSE      | PHONE OR VIRTUAL TECHNICAL ASSISTANCE | ON-SITE TECHNICIAN        |
|------------------------------------|----------------------------|-----------------------|---------------------------------------|---------------------------|
| WITHOUT VIRTUAL SERVICE TECHNICIAN | Level 3                    | Within 30 Minutes     | NOT AVAILABLE                         | Next Business Day         |
|                                    | Level 2                    | Within 1 Hours        |                                       | Within 2 Business Day     |
|                                    | Level 1                    | Within 2 Hours        |                                       | Within 3 Business Days    |
|                                    | All Other Support Requests | Within 1 Business Day |                                       | Scheduled with CUSTOMER   |
|                                    | ISSUE LEVEL                | INITIAL RESPONSE      | PHONE OR VIRTUAL TECHNICAL ASSISTANCE | ON-SITE TECHNICIAN        |
| WITH VIRTUAL SERVICE TECHNICIAN    | Level 3                    | Within 30 Minutes     | Within 1 Hour                         | Same or Next Business Day |
|                                    | Level 2                    | Within 1 Hours        | Within 2 Hours                        | Within 1 Business Day     |
|                                    | Level 1                    | Within 2 Hours        | Within 3 Hours                        | Within 3 Business Days    |
|                                    | All Other Support Requests | Within 1 Business Day | Scheduled with CUSTOMER               | Scheduled with CUSTOMER   |

\*For additional information on Root's Priority Level, please refer to the matrix included at the end of this document.

### ROOT DEFINES SYSTEM CONFIGURATION ADJUSTMENTS IN THE FOLLOWING TERMS

Modifications to the system control programming that provide direct operation of the integrated audio-visual system furnished and installed by ROOT. These adjustments fine-tune existing functionality and may include, but are not limited to, refining automation sequences, user interface configurations, equipment responsiveness, and other control settings to optimize performance and experience. These adjustments DO NOT INCLUDE:

- A. Full system reprogramming
- B. Major feature additions
- C. Integration with new third-party devices unless approved by Root
- D. Modifications required by third-party providers, including Microsoft, Zoom, Cisco, Google, or any other software provider used in the system

### ROOT DEFINES EMAIL AND TELEPHONE SUPPORT IN THE FOLLOWING TERMS

Refers to a remote, commercially reasonable, good-faith effort by ROOT to provide technical assistance via email or phone during ROOT's standard business hours, subject to availability. This support is intended to help diagnose, troubleshoot, and resolve issues related to the audio-visual system furnished and installed by ROOT. It may include step-by-step guidance, basic system checks, recommendations for corrective actions, and assistance in scheduling and dispatching an on-site technician if needed. Telephone Support does not include in-depth system reconfiguration or any actions beyond ROOT's reasonable control.

### ROOT DEFINES FIRMWARE UPDATES AND NECESSARY PATCHES FOR HARDWARE COMPONENTS IN THE FOLLOWING TERMS:

- A. Firmware Updates are manufacturer-issued software updates intended to enhance/remediate performance, resolve issues, or otherwise update the audio-visual system and its components furnished and installed by ROOT. ROOT will notify CUSTOMER at least five (5) business days in advance of any firmware update, allowing the CUSTOMER to opt-out or request scheduling adjustments. If CUSTOMER opts out of automatic firmware updates or requests written approval before installation, they must notify ROOT in writing at least five (5) business days before the scheduled update. If a firmware update is classified as a critical security patch, ROOT will notify CUSTOMER of the potential risks associated with opting out. ROOT is not responsible for system vulnerabilities resulting from CUSTOMER-declined updates.
- B. Security Patches is a software update that address known vulnerabilities, as identified by the software and/or hardware provider to reduce security risks and protect the integrity of the audio-visual system and related components furnished and installed by ROOT.

Firmware updates and security patches may require system downtime, recalibration, or configuration adjustments. While ROOT will make a reasonable, good-faith effort to sandbox test in a non-production environment and evaluate updates before installation, CUSTOMER acknowledges that updates may cause unforeseen issues. ROOT will work in good faith with CUSTOMER to resolve any such issues if they occur.

### FIRMWARE UPDATES AND SECURITY PATCHES EXCLUSIONS

- A. Risk of Downtime – Updates that may introduce bugs, compatibility issues, or destabilize system performance.
- B. Past Update Failures – Previous firmware updates have, in some instances, caused devices to crash or lose settings.
- C. Hardware Interactions – Updates may conflict with older hardware components or third-party devices, leading to malfunctions or degraded performance.
- D. System vulnerabilities--Resulting from CUSTOMER-declined updates.

If it is believed that an update will result in bugs, compatibility issues, or system instability, ROOT will provide CUSTOMER with the potential impacts, and present available options and CUSTOMER will decide how to proceed before any action is taken.

### ROOT CANNOT ACCESS AND IS UNABLE TO CONNECT TO THE CUSTOMER'S COMPUTER NETWORK

ROOT may deploy and install integrated devices that require a connection to the customer's network to deliver the agreed-upon functionality. However, ROOT CANNOT manage, secure, adjust, or maintain the customer's computer network or any connected devices. Additionally, ROOT WILL NOT connect devices to the customer's network without explicit authorization or direction from the customer. If the agreed-upon Scope of Work (SOW) outlined in the proposal includes the deployment of devices that require network connectivity,

ROOT will be responsible for the following:

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- A. Clearly identifying the devices, along with their respective hardware manufacturers and software providers (e.g., Microsoft, Zoom, Google, etc.).
- B. Providing software providers and/or hardware manufacturer documentation or direction to specific requirements and recommendations needed to integrate these systems into the CUSTOMER network

CUSTOMER is responsible for:

- A. Network cabling infrastructure. (ie.cable, terminations, face plates, patch bays, etc)
- B. Network connectivity to designated ports and ensuring connectivity back to network closets (IDF/MDF).
- C. Proper power-over-ethernet (PoE) for corresponding network-connected devices to maintain system functionality.
- D. IP addresses and configuration for all integrated devices.
- E. Identifying appropriate wall jacks or switch ports for connections for identified devices.
- F. Account or resource creation in unified communications tenant, remote support services, or other platforms needed for a functioning system.
- G. Maintaining credentials for owner-provided subscription or management solutions.

### ROOT IS NOT RESPONSIBLE FOR PERFORMANCE ISSUES RELATED TO CUSTOMER'S COMPUTER NETWORK

CUSTOMER'S computer network is designed to meet their unique transmission and security needs and is not managed, secured, adjusted, maintained, or accessed by ROOT. ROOT shall not be held liable for any losses, damages, delays, or additional costs incurred due to CUSTOMER'S computer network. CUSTOMER is responsible for ensuring that its network meets the technical requirements necessary for the proper operation of ROOT-installed AV systems. ROOT will provide technical specifications for all network-connected devices before deployment. If CUSTOMER'S network configuration, security settings, or infrastructure prevent proper system functionality; ROOT will provide commercially reasonable guidance but is not responsible for system failures resulting from these limitations. These losses, damages, delays include, but are not limited to:

- A. Construction Delays
  - 1. Delays caused by incomplete or improperly installed network infrastructure
  - 2. Failure to provide necessary network resources (e.g., switches, cabling, internet access) in a timely manner
  - 3. Site conditions requiring reconfiguration of network-dependent AV systems
- B. Increased Project Costs
  - 1. Additional service calls, troubleshooting, or modifications required due to network-related issues
  - 2. Expenses associated with network upgrades, reconfiguration, or additional hardware not included in the original scope of work
  - 3. Extended labor costs or rescheduling fees due to network unavailability or instability
- C. System Downtime
  - 1. AV system failures or malfunctions caused by network instability, misconfiguration, or security policies
  - 2. Inconsistent system performance due to bandwidth limitations, latency, or network congestion
  - 3. Loss of system functionality due to third-party network outages or service disruptions
- D. Performance Degradation
  - 1. Reduced video or audio quality due to packet loss, jitter, or insufficient bandwidth
  - 2. System lag or slow response times affecting AV automation, control, and collaboration tools
  - 3. Frequent disconnections, buffering, or unreliable system behavior in networked AV applications
- E. Troubleshooting and Support Limitations
  - 1. Inability to provide remote diagnostics, updates, or support due to restricted network access
  - 2. Increased time and costs required to resolve issues that stem from CUSTOMER'S network environment
  - 3. Third-party IT policies preventing necessary adjustments to enable AV system functionality
- F. Unsatisfactory End User Experiences
  - 1. Poor video conferencing quality, delayed audio, or dropped calls due to network instability
  - 2. Unresponsive or slow control system interfaces caused by misconfigured network settings
  - 3. Disruptions in content sharing, screen mirroring, or wireless presentation systems
  - 4. Increased frustration from end users due to recurring performance issues tied to network-related factors
- G. Integration and Compatibility Issues
  - 1. Conflicts between AV systems and CUSTOMER'S existing IT infrastructure due to firewall settings, VLAN configurations, or security policies
  - 2. Failure of AV-over-IP systems to communicate properly due to incorrect network segmentation or traffic prioritization
  - 3. Incompatibility between installed AV devices and CUSTOMER'S third-party networked services

If CUSTOMER cannot connect ROOT-installed devices to their network or experiences performance issues, they may contact ROOT's support desk for assistance. ROOT will open a service ticket and dispatch an engineer for on-site testing to determine whether the issue stems from system components, workmanship, or CUSTOMER'S network configuration and stability.

- A. If the issue stems from ROOT-installed components or workmanship, system testing, repairs, and necessary parts and labor will be provided at no additional cost to CUSTOMER.
- B. If the issue is due to CUSTOMER'S network configuration, stability, or integration, ROOT will provide manufacturer and software provider recommendations. System testing costs will be billed separately

If ROOT dedicates time to troubleshooting, identifying, isolating, replicating, or remediating issues related to CUSTOMER'S computer network or associated systems, or incurs any losses, damages, delays, or additional costs due to CUSTOMER'S network, ROOT reserves the right to recoup these expenses and bill CUSTOMER separately at ROOT's standard rate(s).

### ROOT IS NOT RESPONSIBLE FOR PERFORMANCE ISSUES RELATED TO CUSTOMER PROVIDED USER DEVICES

CUSTOMER user devices such as PCs, laptops, tablets, mobile devices, IOS devices, Android devices, or similar are the sole responsibility of the owner. Performance issues related to user devices are NOT warranty-related items and therefore are not covered under ROOT's warranty offering. All universal serial bus (USB) connections and performance is subject to variability of user hardware devices, user device software, company security policy and a wide range of factors that are constantly changing. All user device, USB connectivity-related performance issues are not covered under ROOT's warranty.

- A. Any service and support requests that are identified as user device performance-related cannot be supported by ROOT.
- B. Any service or support requests that are identified as user device performance-related will be billed to the customer based on the hourly rate including trip charges.

### OWNERSHIP OF ROOT MATERIALS

ROOT retains exclusive ownership of all ROOT intellectual property (IP), including:

- A. Designs, specifications, software, plans, prototypes, methodologies, and technical processes.
- B. Any patents, copyrights, trademarks, or trade secrets related to the project.

If the CUSTOMER violates ROOT's ownership rights, ROOT may:

- A. Require the CUSTOMER to immediately stop unauthorized use, reproduction, or distribution.
- B. Demand corrective action within ten (10) business days.
- C. Seek compensation for damages, including legal fees and recovery costs.

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## Terms And Conditions

D. Pursue legal remedies such as injunctive relief and damages.

### OWNERSHIP OF CUSTOMER MATERIALS

CUSTOMER retains ownership of its proprietary materials, including documents, software, and data provided to ROOT.

A. ROOT will use CUSTOMER materials **ONLY** as required to perform the agreed-upon work.

B. ROOT is **not responsible** for delays caused by restricted or denied access to CUSTOMER materials or required network integrated information.

### PRICING & PAYMENT

A. **50% deposit** is required for custom or Made-to-Order (MTO) electronic systems before production.

B. **35% payment** required upon execution of the contract before project mobilization.

C. Charges from approved change orders or time and material tickets will be invoiced in full.

D. Remaining balance is invoiced **MONTHLY** as progress billing based on the SOW and approved additional charge.

If CUSTOMER: Fails to make payments within **60 days** of notice, becomes insolvent, or files for bankruptcy, ROOT may:

A. Demand immediate payment of all outstanding amounts.

B. Pursue legal action to recover debts.

C. Recover all equipment deployed to the customer site based on invoices not yet paid.

### POACHING OR SOLICITATION

By accepting and signing a service proposal, both parties agree that, during the effective term of this Service and Support Agreement and for a period of (1) one year following its termination or expiration, CUSTOMER and ROOT will not directly or indirectly solicit, induce, or attempt to hire employees, contractors, or agents of the other party that are involved in providing services under this agreement, without prior written consent by the affected party. Employment that is the result of a publicly posted position shall not be considered a breach of this section.

If CUSTOMER or ROOT breach this clause, the affected party shall be entitled to seek appropriate remedies, including injunctive relief and monetary damages, as well as any other remedies available under applicable laws.

### RESPONSE TIME MATRIX

The response time matrix outlines how ROOT prioritizes response times based on two key factors: Business Impact and Issue Urgency. Each issue is assigned a priority level (1, 2, or 3), with Level 3 representing the most critical situations requiring the fastest response. This model ensures that our support efforts align with the real-world impact on CUSTOMER's business operations. Critical issues that halt workflows or prevent system use are addressed urgently, while lower-impact issues are scheduled thoughtfully to minimize disruption to the workday.

## Issue Urgency

|                 |          | LOW                                                                                                                                                | MODERATE                                                                                                                               | HIGH                                                                                         |
|-----------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                 |          | Current Use Level Can Be Maintained<br>The end-user can continue to use the system or the system is no longer being used during the day.           | Current Use Level Must Be Altered<br>The end-user must adapt current usage to account for the impaired system or utilize another space | Current Use Level Must Stop<br>The end-user has lost the ability to use the system entirely. |
| Business Impact | High     | End-users are experiencing complex system functionality issues and critical work-flow activity is terminally impacted<br><b>LEVEL 2</b>            | <b>LEVEL 3</b>                                                                                                                         | <b>LEVEL 3</b>                                                                               |
|                 | Moderate | End-users are being persistently disrupted and key work-flow activity is being chronically impeded<br><b>LEVEL 1</b>                               | <b>LEVEL 2</b>                                                                                                                         | <b>LEVEL 3</b>                                                                               |
|                 | Low      | End-users are being inconvenienced and key work-flow activity is impaired, but there are temporary alternate solutions available<br><b>LEVEL 1</b> | <b>LEVEL 1</b>                                                                                                                         | <b>LEVEL 2</b>                                                                               |

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**BEACHWOOD PUBLIC WORKS DEPARTMENT  
INTER-OFFICE MEMORANDUM**

**TO:** Mayor, Justin Berns

**FR:** Chris Arrietta, Public Works Director

**DT:** June 30, 2026

**RE:** Council Agenda Item: Snowplow Blades

---

Snowplow blades are 10-foot metal cutting edges that attach to the trip-edge/moldboard on each of our plow units. These replaceable blades protect the plow and help prevent wear or damage to the equipment. To ensure we are prepared for the upcoming season, Public Works is requesting authorization to purchase twelve winter carbide cutting edges from Winter Equipment Company. These blades will be stocked and used as replacements as needed throughout the winter months.

With your approval, I would like to place this item on the next Council agenda. Please let me know if you have any questions regarding this request.



THE SNOWPLOW  
& CONSTRUCTION  
WEAR PARTS EXPERTS

CALL: 800.294.6837

FAX: 888.810.9363

1900 Joseph Lloyd Parkway

Willoughby, Ohio 44094

#### Quoted To

City of Beachwood  
Shipping & Receiving  
23355 Mercantile Rd  
Beachwood, OH 44122

## Quote

Quote ID QT43915

Cust ID CTYBEACHWOO

| Quote Date     | Expiration Date                      | Sales Rep | TERMS       |            |             |  |
|----------------|--------------------------------------|-----------|-------------|------------|-------------|--|
| 6/16/2026      | 7/16/2026                            | ttopping  | Net 30 Days |            |             |  |
| Part ID        | Description                          | LBS       | Qty         | Unit Price | Ext Price   |  |
| SYS-RZIBXL10WP | 10' Winter Carbide RZXL w/ Curb Cast | 0         | 12          | 2,117.50   | \$25,410.00 |  |

*Razor XL System 10ft SHP w/ Curb  
Cast*

*System to include:*

*(1) 4' RZ XL Blades*

*(2) 3' RZ XL Blades*

*(1) 8" PlowGuard Curb Cast Right*

*(1) 8" PlowGuard Curb Cast Left*

*(2) Guard Adapter Plate*

*(1) Bolt Kits*

#### Quote Specifications

**Total Quoted Price (USD) \$ 25,410.00**

CALL TO ORDER  
800.294.6837

WINTEREQUIPMENT.COM

INTRODUCED BY:

RESOLUTION NO. 2026-68

A RESOLUTION AUTHORIZING THE MAYOR TO ACCEPT A QUOTATION FOR THE PURCHASE OF TWELVE (12) WINTER CARBIDE SNOWPLOW CUTTING EDGES FOR THE PUBLIC WORKS DEPARTMENT; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, the Public Works Department has determined that replacement cutting edges are necessary to ensure the City's snowplow equipment is properly maintained and prepared for the upcoming winter season; and

WHEREAS, the requested purchase consists of twelve (12) winter carbide snowplow cutting edges to be stocked and used as replacements throughout the winter months as needed; and

WHEREAS, the carbide cutting edges are replaceable components that attach to the snowplow trip-edge and moldboard, protecting the snowplow equipment from excessive wear and extending the service life of the plow units; and

WHEREAS, Winter Equipment Company submitted the lowest and best quotation for twelve (12) winter carbide cutting edges in the amount of Twenty-Five Thousand Four Hundred Ten Dollars (\$25,410.00); and

WHEREAS, City Council finds it to be in the best interest of the City to authorize the Mayor to accept said quotation.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: The Mayor is hereby authorized to accept the quotation from Winter Equipment Company in an amount not to exceed Twenty-Five Thousand Four Hundred Ten Dollars (\$25,410.00) for the purchase of twelve (12) winter carbide cutting edges for use by the Public Works Department, as further outlined on the Quotation, as set forth in Exhibit "A", a copy of which is attached hereto and incorporated herein.

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City of Beachwood.

Section 3: This Resolution is declared to be an urgent measure necessary for the the public peace, health, safety, or the efficient operation of the City; and for the further reason that it is necessary to ensure the Public Works Department maintains an adequate inventory of replacement cutting edges for snow removal operations during the upcoming winter season; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.



RESOLUTION NO. 2026-68

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor

**BEACHWOOD PUBLIC WORKS DEPARTMENT  
INTER-OFFICE MEMORANDUM**

**TO:** Mayor, Justin Berns

**FR:** Chris Arrietta, Public Works Director

**DT:** June 30, 2026

**RE:** Council Agenda Item: Equipment Purchase – Kubota RTV-X Utility Cart

---

Public Works requests approval to purchase one Kubota RTV-X Long Bed Utility Cart from Middlefield Farm and Garden for \$45,450.01 through the Sourcewell contract (112624-KBA).

This unit will support grounds maintenance at the City Hall complex, recreational facilities, and Gorden Gateway Park. The new utility cart will replace Unit #79, a 1999 Cushman 4WD Turf Truckster.

With your approval, I will place this item on the next Council agenda. Please let me know if you have any questions regarding this purchase.

A RESOLUTION AUTHORIZING THE MAYOR TO ACCEPT A QUOTATION FOR THE PURCHASE OF ONE (1) KUBOTA RTV-X LONG BED UTILITY CART FOR THE PUBLIC WORKS DEPARTMENT; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, the Public Works Department has determined that the purchase of a new utility cart is necessary to support grounds maintenance operations at the City Hall complex, recreational facilities, and Gorden Gateway Park; and

WHEREAS, the proposed purchase consists of one (1) Kubota RTV-X Long Bed Utility Cart to replace Unit #79, a 1999 Cushman 4WD Turf Truckster, which has reached the end of its useful service life; and

WHEREAS, Middlefield Farm and Garden submitted a quotation through the Sourcewell Cooperative Purchasing Program, Contract No. 112624-KBA, for the purchase of the utility cart in the amount of Forty-Five Thousand Four Hundred Fifty Dollars and One Cent (\$45,450.01); and

WHEREAS, City Council finds it to be in the best interest of the City to authorize the Mayor to accept said quotation.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: The Mayor is hereby authorized to accept the quotation from Middlefield Farm and Garden in an amount not to exceed Forty-Five Thousand Four Hundred Fifty Dollars and One Cent (\$45,450.01) through the Sourcewell Cooperative Purchasing Program, Contract No. 112624-KBA, for the purchase of one (1) Kubota RTV-X Long Bed Utility Cart for use by the Public Works Department, as further outlined on the Quotation, as set forth in Exhibit "A", a copy of which is attached hereto and incorporated herein.

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City of Beachwood.

Section 3: This Resolution is declared to be an urgent measure necessary for the the public peace, health, safety, or the efficient operation of the City; and for the further reason that it is necessary to replace aging equipment and ensure the continued efficiency of grounds maintenance operations; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor

W PLOW



Ground Maintenance, CE, Utility  
Tractors, Mowers, RTV's - 112624-KBA  
Ag Tractors with Related Attachments - 082923-KBA  
NJPA Arkansas 4600055337  
Nebraska 14777 (OC)  
Mississippi 8200067336

RTVX2L-SKLH-1 WEB QUOTE #2970392

Date: 5/26/2026 10:34:00 AM

— Customer Information —

DECRESS, MARK

39826

CITY OF BEACHWOOD

MARK.DECRESS@BEACHWOODOHIO.COM

440-829-5719

Quote Provided By

Middlefield Farm and Garden

Jered Pekar

15980 Georgia Rd

Middlefield, OH 44062

email: jpekar@mfgkubota.com

phone: 4405519051

— Standard Features —

— Custom Options —



RTV-X LONG BED

Orange Models

\*\*\* EQUIPMENT IN STANDARD MACHINE \*\*\*

#### FEATURES

Digital Multi-function Display  
Speedometer  
Front Independent Adjustable  
Suspension  
Rear Independent Adjustable  
Suspension  
Brakes — Front/Rear Wet  
Discs  
Rear Brake Lights / Front  
Headlights  
2" Hitch Receiver, Front and  
Rear  
Deluxe 60/40 split bench front  
seats with driver's side seat  
adjustment  
Under front seat Storage  
Compartments  
Lockable Glove Box  
Front Guard (radiator guard and  
bumper)  
Low/High LED Headlights  
Factory Spray-on Bedliner

#### BASIC UNITS

RTV-X Long Bed Orange / Camo  
Models  
Variable Hydro Transmission (VHT-  
X)

#### ENGINE

Model: Kubota D1105  
3 Cyl, 68.8 cu in  
+23.3 Gross Eng HP  
60 Amp Alternator

#### TRANSMISSION

VHT-X  
Variable Hydro Transmission (VHT-X)  
Forward Speeds: Low 0-15 mph,  
High 0-25 mph  
Reverse: 0-17 mph  
Limited-slip Front Differential  
Rear Differential Lock

#### HYDRAULICS

Hydrostatic Power Steering w/  
manual tilt-feature  
Hydraulic Cargo Dump  
Hydraulic Oil Cooler

#### FLUID CAPACITY

Fuel Tank: 7.9 gal  
Cooling: 8.6 qts  
Engine Oil: 4.3 qts  
Transmission Oil: 1.8 gal  
Brake Fluid: 0.4 qts

#### DIMENSIONS

Width: 63 in  
Height: 80 in  
Length: 153 in  
Wheelbase: 98.2 in  
Tow Capacity: 1300 lbs  
Ground Clearance F/R: 11.3 in / 9.4  
in  
Suspension Travel: 8.0 in  
Turning Radius: 17.1 ft

#### CARGO BOX

Width: 54.5 in  
Length: 72.3 in  
Depth: 11.6 in  
Load Capacity: 1212 lbs  
Vol. Capacity: 26.1 cu ft

#### SAFETY EQUIPMENT

SAE J2194 & OSHA 1928 ROPS  
Horn  
Dash-mounted Parking Brake  
Spark Arrester Muffler  
Retractable 2-point Seat Belts  
Rear Protection Screen

RTVX2L-SKLH-1 Base Price: \$24,399.00

#### Selected Kubota Attachments

|                                                                                                                                  |                    |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------|
| (1) CANOPY - PLASTIC (BLACK)<br>77700-VC5011-CANOPY - PLASTIC (BLACK)                                                            | \$625.56           |
| (1) WINDSHIELD POLYCARBONATE HARD COAT<br>77700-VC5023-WINDSHIELD POLYCARBONATE HARD COAT                                        | \$1,956.05         |
| (1) DOORS - METAL (ORANGE)<br>77700-VC5091-DOORS - METAL (ORANGE)                                                                | \$3,616.53         |
| (1) GLASS REAR PANEL (BLACK)<br>77700-VC5040-GLASS REAR PANEL (BLACK)                                                            | \$1,127.01         |
| (1) CAB HEATER<br>77700-VC5083A-CAB HEATER                                                                                       | \$982.20           |
| (1) WIRE HARNESS KIT / MULTIPLE<br>ACCESSORY<br>77700-VC5080-WIRE HARNESS KIT / MULTIPLE ACCESSORY                               | \$231.27           |
| (1) 4-WAY STROBE-TYPE FLASHERS<br>77700-VC5057A-4-WAY STROBE-TYPE FLASHERS                                                       | \$820.05           |
| (1) MIRRORS - EXTERNAL (2)<br>77700-VC5076-MIRRORS - EXTERNAL (2)                                                                | \$216.05           |
| (1) WIPER KIT (172 DEGREE) PNF<br>77700-VC5030-WIPER KIT (172 DEGREE) PNF                                                        | \$341.23           |
| (1) RTV SIDE VIEW MIRROR-DUAL AXIS<br>BREAKAWAY - ROPS (1)<br>77700-10706-RTV SIDE VIEW MIRROR-DUAL AXIS<br>BREAKAWAY - ROPS (1) | \$116.86           |
| (1) KUBOTA CLEARVIEW UTV REARVIEW<br>MIRROR<br>77700-10705-KUBOTA CLEARVIEW UTV REARVIEW MIRROR                                  | \$60.42            |
| (1) TURN SIGNAL/HAZARD LIGHT KIT<br>K7591-99610-TURN SIGNAL/HAZARD LIGHT KIT                                                     | \$469.36           |
| (1) STROBE LIGHT<br>77700-VC5056-STROBE LIGHT                                                                                    | \$230.24           |
| (1) 78" WIDE V-BLADE PNF<br>V5295A-78" WIDE V-BLADE PNF                                                                          | \$4,089.00         |
| (1) 4 POINT K-CONNECT<br>V5293B-4 POINT K-CONNECT                                                                                | \$6,241.00         |
| (1) SKID SHOES PNF<br>V5285-SKID SHOES PNF                                                                                       | \$154.00           |
| (1) 2ND FUNCTION HYDRAULIC VALVE KIT<br>V5232A-2ND FUNCTION HYDRAULIC VALVE KIT                                                  | \$3,440.00         |
| (1) AUX HYDRAULIC PUMP D902<br>V5271-AUX HYDRAULIC PUMP D902                                                                     | \$607.00           |
| (1) 3RD FUNCTION HYD VALVE UPGRADE KIT<br>V5233-3RD FUNCTION HYD VALVE UPGRADE KIT                                               | \$504.00           |
| (1) FRONT QUICK HITCH<br>V5289-FRONT QUICK HITCH                                                                                 | \$1,390.00         |
| (1) AUX HYDRAULIC PUMP D1105<br>V5272-AUX HYDRAULIC PUMP D1105                                                                   | \$607.00           |
| Total Kubota Attachments:                                                                                                        | \$27,824.83        |
| Total Attachments:                                                                                                               | \$27,824.83        |
| <u>Configured Price:</u>                                                                                                         | <u>\$52,223.83</u> |
| Sourcewell Discounts:                                                                                                            |                    |
| Kubota Items:                                                                                                                    | (\$11,489.24)      |
| Total Discount:                                                                                                                  | (\$11,489.24)      |
| <u>SUBTOTAL:</u>                                                                                                                 | <u>\$40,734.59</u> |
| Kubota Item Fees:                                                                                                                |                    |
| Dealer Assembly:                                                                                                                 | \$3,171.67         |
| Freight Cost:                                                                                                                    | \$1,143.75         |
| PDI:                                                                                                                             | \$400.00           |

Final Sales Price: \$45,450.01

Purchase Order Must Reflect Final Sales Price.

To order, place your Purchase Order directly with the quoting dealer

**\*All equipment specifications are as complete as possible as of the date on the quote. Additional attachments, options, or accessories may be added (or deleted) at the discounted price.** All specifications and prices are subject to change. Taxes are not included. The PDI fees and freight for attachments and accessories quoted may have additional charges added by the delivering dealer. These charges will be billed separately. Prices for product quoted are good for 60 days from the date shown on the quote. All equipment as quoted is subject to availability.

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**BEACHWOOD PUBLIC WORKS DEPARTMENT  
INTER-OFFICE MEMORANDUM**

**TO:** Mayor, Justin Berns

**FR:** Chris Arrietta, Public Works Director

**DT:** July 2, 2026

**RE:** Council Agenda Item: Equipment Purchase – X-Treme Vac OBD

---

Public Works is requesting approval to purchase one X-Treme Vac unit from Best Equipment Company at a total cost of \$146,245.97. This equipment will be acquired through Sourcewell Contract #112624.

The new leaf vacuum will replace units LV-5 (1998 ODB Leaf Box) and LV-6 (1999 ODB Leaf Box). LV-6 has been out of service for two years and has primarily been used for parts to keep LV-5 operational during the leaf season. At this point, replacement parts for these models are no longer available.

With your permission, I would like to place this item on the next Council agenda. Please let me know if you have any questions regarding this request.

A RESOLUTION AUTHORIZING THE MAYOR TO PURCHASE ONE (1) X-TREME VAC LEAF COLLECTION UNIT FOR THE PUBLIC WORKS DEPARTMENT FROM BEST EQUIPMENT CO., INC., UNDER THE SOURCEWELL COOPERATIVE PURCHASING PROGRAM; WAIVING COMPETITIVE BIDDING; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, the Public Works Department utilizes leaf collection equipment for the annual community leaf pick-up program;

WHEREAS, the existing leaf vac units, LV-5 (1998) and LV-6 (1999), have exceeded their useful service life and can no longer be reliably maintained due to age and the unavailability of replacement parts;

WHEREAS, after evaluating repair needs, the age of the equipment, and operational inefficiencies, the Public Works Director has determined that replacement is the most cost-effective and efficient option;

WHEREAS, the City has received a quotation from Best Equipment Co., Inc. in an amount not to exceed One Hundred Forty-Six Thousand Two Hundred Forty-Five Dollars and Ninety-Seven Cents (\$146,245.97);

WHEREAS, the Public Works Director has recommended the purchase of one (1) X-Treme Vac leaf collection unit from Best Equipment Co., Inc. under the Sourcewell Cooperative Purchasing Program, Contract No. 112624; and

WHEREAS, City Council finds it to be in the best interest of the City to authorize the Mayor to accept said quotation

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: The Mayor is hereby authorized to accept the quotation for the purchase of one (1) X-Treme Vac leaf collection unit from Best Equipment Co., Inc. under the Sourcewell Cooperative Purchasing Program Contract No. 112624, in an amount not to exceed One Hundred Forty-Six Thousand Two Hundred Forty-Five Dollars and Ninety-Seven Cents (\$146,245.97), as further outlined on the Quotation, as set forth in Exhibit "A," a copy of which is attached hereto and incorporated herein, and to waive competitive bidding.

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City of Beachwood.

Section 3: This Resolution is declared to be an urgent measure necessary for the public peace, health, safety, or the efficient operation of the City; and for the further reason that it is necessary to purchase the replacement leaf collection equipment at the earliest possible time in order to ensure readiness for the upcoming leaf collection season; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.

RESOLUTION NO. 2026-70

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor



**BEST EQUIPMENT**  
5550 POINDEXTER DR  
INDIANAPOLIS IN 46235

**BEACHWOOD**  
2655 RICHMOND  
OHIO

Sourcewell #

6/30/2026

Sourcewell Contract # **112624-ODB**

SKU#

S/N:8177374

MSRP

DCL800TM25

**X-TREME VAC BY ODB MODEL DCL800TM25**

\$

**122,235.19**

**SOURCEWELL DISCOUNT 4%**

\$

**(4,889.41)**

JD74P24

John Deere Diesel, 74HP Final T4 (1X)

\$

**13,675.41**

25 cubic yard

28" suction impeller with six 3/8" thick T-1 steel blades

3 groove power band belt driven

40 gallon polyethylene fuel tank

Electronic engine controls with safety shut downs

13" clutch assembly with 2.25" PTO shaft & safety engagement

16"x120" rubber suction hose w/steel nozzle

1/4" thick skid deck with channel members on ends

John Deere upgrade includes block heater and remote oil drain standard

Dual Side Hinge Doors

LED DOT lights

Gear driven Hydraulic pump powers 15.2 ton capacity hoist

Heavy Duty Height Adjustable Pintle Eye with 3 Quick Pins

Manual Parking Jack with Drop Foot

2 Amber LED Oval Flashers

Electric Brakes with Break-Away Actuator

101OPT

Remote electric throttle for engine

\$

**1,407.87**

70PT

Air Scoop to redirect exhausted air towards rear of unit

\$

**4,561.22**

104OPT

Electric over Hydraulic front parking jack in lieu of manual

\$

**2,885.19**

67OPT

Urethane suction hose in lieu of rubber

\$

-

**Equipment Total: \$ 139,875.47**

**PDI, Training and Local Delivery: \$ 1,171.50**

**Surcharge: \$ 3,300.00**

**Freight: \$ 1,899.00**

**Total Price Offered To Sourcewell Member: \$ 146,245.97**

**Make Purchase Orders Out To: ODB 5118 Glen Alden Dr, Richmond, VA 23231**

**Contact: MJ Dubois Phone: 410-924-1004 Email: MJDUBOIS@DUCOLL.COM**

**Send copy of PO to: [odbsales@odbco.com](mailto:odbsales@odbco.com) (Please include Delivery State in the subject line.)**



## **BEACHWOOD PUBLIC WORKS DEPARTMENT INTER-OFFICE MEMORANDUM**

**TO:** Mayor, Justin Berns

**FR:** Chris Arrietta, Public Works Director

**DT:** June 30, 2026

**RE:** Council Agenda Item: Aquatic Facility - Pool Pump Replacement Project

---

Bids for the above-referenced project were opened on June 25, and Nerone and Sons Inc. submitted the only bid, totaling \$320,655.00. Five companies obtained plans, and four conducted on-site inspections.

The project scope includes installing 11 pumps and replacing 110 feet of the 24-inch main drain line. The City has already purchased four of the pumps, which are currently stored at the Public Works Department. Work is scheduled to begin in September and be completed by April 1, 2027.

After reviewing the bid with City Engineer Joe Ciuni, we believe Nerone's proposal is fair and consistent with industry standards. The company has successfully completed previous construction projects for the City, including work within the Aquatic Facility pumphouse. Therefore, we recommend awarding the project to Nerone and Sons Inc.

With your approval, I would like to place this item on the next Council agenda. Please let me know if you have any questions regarding this request.

A RESOLUTION ACCEPTING A CERTAIN BID FROM NERONE AND SONS INC. FOR THE POOL PUMP REPLACEMENT PROJECT; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, one (1) bid was received by the Clerk on June 25, 2026, for the Pool Pump Replacement Project, pursuant to advertising for competitive bidding as required by law; and

WHEREAS, the Public Works Director and the City Engineer have recommended that Council accept the bid of Nerone and Sons Inc.; and

WHEREAS, the bid received from Nerone and Sons Inc. is determined to be an acceptable bid that is fair and consistent with industry standards.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: Based upon the recommendation of the Public Works Director and the City Engineer, the bid of Nerone and Sons Inc., as further outlined on the Bid Specification Sheet, as set forth in Exhibit "A", a copy of which is attached hereto and incorporated herein, is found to be an appropriate bid for the Pool Pump Replacement Project in an amount not to exceed Three Hundred Twenty Thousand Six Hundred Fifty-Five Dollars and No/Cents (\$320,655.00).

Section 2: The Mayor is authorized to enter into a contract on behalf of the City of Beachwood, Ohio with said company.

Section 3: It is found and determined that all formal actions and deliberations of Council and its committees, relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 4: This Resolution is declared to be an urgent measure necessary for the preservation of the public peace, health, safety, or the efficient operation of the City; and for the further reason that the work may begin as soon as possible to ensure completion of the project before the opening of the 2027 aquatic season; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor





**BID DOCUMENTS**

**Aquatic Center Pump Replacements  
And Other Improvements  
RE-BID**

Prepared by:

GPD Group  
520 South Main Street, Suite 2531  
Akron, OH 44311



**Original Bids Due:** February 6, 2026 @ 1 P.M.  
**Revised Bids Due:** June 25, 2026 @ 1 P.M.

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Attachments:

Prevailing Wage Rates

CITY OF BEACHWOOD  
BID PACKAGE CHECKLIST

FOR: Aquatic Center Pump Replacements and Other Improvements

Please Note: The following items are to be included in your bid package proposal submittal. The required items are to be ORIGINALS and must be SIGNED by the proper authority representing your company.

☒

Bid Form – Signed

☒

Agreement Relative to Separate Consideration for Incorporation of Tangible Personal Property

☒

Non-Collusion Affidavit – Signed and Notarized

☒

Statement Regarding Personal Property Taxes – Signed and Notarized

☒

Information Showing Qualifications of Bidder – Signed

☒

Listing of ALL Subcontractors to be used on the project – Signed

☒

Bid Bond

☒

Statement of Non-Discrimination

☒

Findings for Recovery Certification

## INVITATION TO BID LEGAL NOTICE

Sealed bid proposals will be received by the Clerk of Council of the City of Beachwood, Cuyahoga County, Ohio, at the City of Beachwood Law Department, 25325 Fairmount Boulevard, Beachwood, Ohio 44122 until 10 A.M. local time, on Thursday, June 18<sup>th</sup>, 2026, for the work designated below (the "Work"):

### Pool Pump Replacement Project

The bids will be publicly opened and read. Each bid must contain the following:

- 1) The full name and names of the party or parties;
- 2) Fully Executed Non Collusion Affidavit;
- 3) In the case of a corporation not chartered in Ohio, with a proper certificate that such corporation is authorized to do business in Ohio (Articles of Incorporation – listing principals);
- 4) Be accompanied by a certified or cashiers' check on a solvent bank made payable to the order of the City of Beachwood in an amount not less than ten percent (10%) of the total amount of the bid, or by a bid bond equal to ten percent (10%) of the total amount of the bid, drawn in favor of the Clerk of Council of the City of Beachwood.

Copies of the Specifications, Instructions to Bidders, Forms of Proposals and other contract documents are on file at the office of the Clerk of Council of the City of Beachwood. These documents may only be obtained through the office of GPD Group by emailing Matt Glass at [mglass@gpdgroup.com](mailto:mglass@gpdgroup.com) and requesting a digital copy. Digital documents will be provided free of charge. Questions or inquiries should be made in writing to Matt Glass at [mglass@gpdgroup.com](mailto:mglass@gpdgroup.com). **No questions will be answered after 1 p.m. on June 12, 2026.**

Each bidder must ensure that all employees and applicants for employment are not discriminated against because of their race, creed, color, sex, national origin, or disability. The City of Beachwood is an Equal Opportunity Employer and encourages Minority Business Enterprises, Women Business Enterprises and Small Business Enterprises to submit bids or Proposals for this project.

The bid check or bid bond, as the case may be, will be held as a guarantee that, if the bid proposal is accepted, a contract will be entered into between the bidder and the City of Beachwood, and if not, the amount represented thereby, shall be forfeited to the City of Beachwood as liquidated damages.

The chosen bidder must provide the following required documentation prior to contract execution:

- 1) Evidence of General Liability Insurance from a company licensed by the State of Ohio in the amount of One Million Dollars (\$1,000,000.00) for any accidental occurrence arising out of any act or omission by the Contractor which causes bodily harm or property damage, and shall cause the City to be named as an additional insured on the policy; and
- 2) Evidence of Workers' Compensation coverage.

The City of Beachwood reserves the right to consider criteria other than price, to reject any and all proposals and to waive any informality in the bids received. Council will accept the lowest and best bid in accordance with law.

Whitney M. Crook, Clerk of Council  
City of Beachwood, Ohio



520 South Main Street, Suite 2531

Phone 330.572.2100

Addendum Date: June 15, 2026

## ADDENDUM No. 1

### City of Beachwood Family Aquatics Center Pool Pump Replacement

To the Bidders of Record:

The bid opening date has been rescheduled from Thursday June 18<sup>th</sup> at 10:00am to the new date **Thursday June 25<sup>th</sup> at 1:00 pm**. Expect ADDENDUM No. 2 to come out with an updated bid packet to be released no later than Thursday June 18<sup>th</sup>. This Addendum supersedes and takes precedence over information provided before the date of this Addendum.

#### **Acknowledgement**

Acknowledge receipt of this Addendum in the space provided herein and include with Bid Proposal. Failure to do so may subject the Bidder to disqualification.

Prepared by:  
GPD Group

David Neumeyer, PE

Received by (Print): Mike Griffin, Vice President of Operations

Signature:

Company: Nerone & Sons, Inc.

Date: June 25, 2026

END OF ADDENDUM No. 1





520 South Main Street, Suite 2531

Phone 330.572.2100

Addendum Date: June 16, 2026

## ADDENDUM No. 2

### City of Beachwood Family Aquatics Center Pool Pump Replacement

To the Bidders of Record:

The original bid documents have been removed and replaced with these bid documents for the above-mentioned project. This Addendum supersedes and takes precedence over information provided before the date of this Addendum.

#### **Acknowledgement**

Acknowledge receipt of this Addendum in the space provided herein and include with Bid Proposal. Failure to do so may subject the Bidder to disqualification.

Prepared by:  
GPD Group

A handwritten signature in black ink that reads "David Neumeyer".

David Neumeyer, PE

Received by (Print): Mike Griffin, Vice President of Operations

Signature:

Company: Nerone & Sons, Inc.

Date: June 25, 2026

END OF ADDENDUM No. 2





520 South Main Street, 2531 Phone 330.572.2100

Addendum Date: June 19, 2026

## ADDENDUM No. 3

### City of Beachwood Family Aquatics Center Pool Pump Replacement

To the Bidders of Record:

The Bidding Documents for the above-referenced project are hereby revised as noted in Addendum No. 3 for the Family Aquatics Center Pool Pump Replacement. This Addendum supersedes and takes precedence over information provided before the date of this Addendum.

#### **Pre-bid RFIs and Responses**

**RFI 1 Question:** I could not find any insurance requirements for the project? **Response:** The insurance requirements are under the "Instructions to Bidders" section **L. CONTRACTOR'S INSURANCE** on sheet 9 of the bid documents packet.

**RFI 2 Question:** Could not find the AIA Document A310-2010 Bid Bond form? **Response:** AIA bid bond form is not required and is superseded by the recently provided requirements in the "Instructions to Bidders" bid bond in 10% of bid amount. Bid bond can be provided in accordance with ORC 153.54, in lieu of check.

**BRFI 3 Question:** Can the contractor install Van Stone Flanges on the header piping to make the install more manageable? **Response:** We will not accept this "style" of flange.

**BRFI 4 Question:** I wanted to check and see if you had an engineer's estimate for this project? **Response:** The Engineer's Estimate for this project is \$220,000.00

#### **Acknowledgement**

Acknowledge receipt of this Addendum in the space provided herein and include with Bid Proposal. Failure to do so may subject the Bidder to disqualification.

Prepared by:  
GPD Group

A handwritten signature in black ink that reads "David Neumeyer".

David Neumeyer, PE



520 South Main Street, 2531 Phone 330.572.2100

Received by (Print): Mike Griffin

Signature: 

Company: Nerone & Sons, Inc.

Date: June 25, 2026

END OF ADDENDUM No. 3

City of Beachwood – Family Aquatics Center Pool Pump Replacement

SECTION 004113 - BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: Nerone & Sons, Inc.  
B. Project Name: Family Aquatics Center Pool Pump Replacement  
C. Project Location: 25125 Fairmount Blvd, Beachwood, OH 44122  
D. Owner: City of Beachwood  
E. Engineer: GPD Group

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract, including Allowances: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

1. Three Hundred Twenty Thousand Six Hundred Dollars (\$320,655.<sup>00</sup>).  
Fifty Five Dollars.

1.3 SUBMISSION OF BID

- A. Respectfully submitted this 25<sup>th</sup> day of June, 2026.  
B. Submitted By: Nerone & Sons, Inc. (Name of bidding firm or corporation).  
C. Authorized Signature: [Handwritten Signature] (Handwritten signature).  
D. Signed By: Mike Griffin (Type or print name).  
(Mike Griffin, VP of Operations, Field Superintendent)  
E. Title: Vice President of Operations (Owner/Partner/President/Vice President).  
F. Witnessed By: Christina M. Peters (Handwritten signature).  
(Christina Peters, Contract Administrator)  
G. Attest: Marianne DeLauro (Handwritten signature).  
(Marianne DeLauro, Sec./Treasurer, CFO)  
H. By: Marianne DeLauro (Type or print name).  
I. Title: Sec./Treasurer, CFO (Corporate Secretary or Assistant Secretary).  
J. Street Address: 19501 S. Miles Road, Ste. 1.  
K. City, State, Zip: Warrensville Heights, Ohio 44128.

City of Beachwood – Family Aquatics Center Pool Pump Replacement

- L. Phone: (216) 662-2235
- M. License No.: N/A
- N. Federal ID No.: 34-0798780 (Affix Corporate Seal Here).

1.4 BID FORM SUPPLEMENT

- A. This form is required to be attached to the Bid Form.
- B. The undersigned Bidder certifies that Base Bid submission to which this Bid Supplement is attached.

1.5 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 (ten) days after a Notice of Award, if offered within 60 (sixty) days after receipt of bids.
- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.6 BID SUPPLEMENTS

- A. The following supplements are a part of this Bid Form and are attached hereto.
1. Bid Form Supplement - Bid Bond Form (AIA Document A310-2010).

1.7 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor for the type of work proposed, in the City of Beachwood.

END OF DOCUMENT 004113



## NON-COLLUSION AFFIDAVIT

This affidavit is to be filled in and executed by the bidder. If the bid is made by a Corporation, then it shall be executed by its Chief Executive Officer; if by a Partnership or LLC, by its Managing General Partner or Managing Member.

STATE OF OHIO                    )  
                                          ) SS  
COUNTY OF CUYAHOGA        )

\_\_\_\_\_  
Mike Griffin

\_\_\_\_\_  
being first duly  
sworn, deposes and says that \_\_\_\_\_ Nerone & Sons, Inc. \_\_\_\_\_ residing at  
and \_\_\_\_\_ N/A \_\_\_\_\_ residing at \_\_\_\_\_ N/A \_\_\_\_\_ and \_\_\_\_\_ N/A \_\_\_\_\_

19501 S. Miles Rd.  
Warrensville Hts.  
OH 44128

residing at \_\_\_\_\_ N/A \_\_\_\_\_ (is)(are) the only person(s) interested with (him) (them) in the delivery of the materials quoted upon or the services performed under these specifications; that the said quotation is made without any connection or common interest in the profits with any other persons making any quotations or proposal for the said work; that the said contract is on (his) (their) part in all respects fair and without collusion or fraud; and also that no head of any department or any employee therein; or any officer of the CITY OF BEACHWOOD, OHIO has any direct or indirect interest therein.

\_\_\_\_\_  
Signature

Sworn to and subscribed in my presence this 25<sup>th</sup> day of \_\_\_\_\_ June \_\_\_\_\_, 2026

(Notary Seal)



\_\_\_\_\_  
Christina M. Peters  
Notary Public

**BID BOND**

Conforms with The American Institute of  
Architects, A.I.A. Document No. A-310

KNOW ALL BY THESE PRESENTS, that we, Nerone & Sons Inc.

19501 S. Miles Rd., Suite 1, Warrensville Hts., OH 44128

\_\_\_\_\_ as Principal, hereinafter called the Principal, and the  
The Cincinnati Insurance Company, of  
6200 S. Gilmore Rd., Fairfield, OH 45014, a corporation duly organized under the laws of  
the State of Ohio, as Surety, hereinafter called the Surety, are held and firmly bound unto  
City of Beachwood as Obligee, hereinafter called the Obligee, in the sum  
of 10% of the amount bid including alternates

Dollars (\$ \_\_\_\_\_), for the payment of which sum well and truly to be made, the said Principal and the  
said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these  
presents.

WHEREAS, the Principal has submitted a bid for Family Aquatics Center – Pump and piping replacement

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the  
Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract  
Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor  
and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give  
bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount  
specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the  
Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

NEITHER the Principal nor the Surety under this bond and bid to which it is attached will be obligated  
unless prior to execution of the contract the Owner demonstrates to the Principal or Surety complete  
ability to make all payments to the Principal according to terms of the contract

Signed and sealed this 25th day of June, 2026

Nerone & Sons, Inc.

By [Signature]

Principal

The Cincinnati Insurance Company

[Signature]  
Sharon Brickman,

Surety

(Seal)

AGENT:  
The Fedeli Group  
5005 Rockside Rd., Suite 500  
Independence, OH 44131  
216-328-8080



THE CINCINNATI INSURANCE COMPANY  
THE CINCINNATI CASUALTY COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY and THE CINCINNATI CASUALTY COMPANY, corporations organized under the laws of the State of Ohio, and having their principal offices in the City of Fairfield, Ohio (herein collectively called the "Companies"), do hereby constitute and appoint

Anthony J. Schepis; Scott Liptak; Kevin S. Keller; Sharon Brickman; Melanie Blankenburg; Jill LaBondano and/or Chloe Beckett

of Independence, Ohio

their true and legal Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and deliver on behalf of the Companies as Surety, any and all bonds, policies, undertakings or other like instruments, as follows:

Any such obligations in the United States, up to  
One Hundred Million and No/100 Dollars (\$100,000,000.00).

This appointment is made under and by authority of the following resolutions adopted by the Boards of Directors of The Cincinnati Insurance Company and The Cincinnati Casualty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the President or any Senior Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company.

RESOLVED, that the signature of the President or any Senior Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Vice-President and the Seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS WHEREOF, the Companies have caused these presents to be sealed with their corporate seals, duly attested by their President or any Senior Vice President this 16th day of March, 2021.



STATE OF OHIO )SS:  
COUNTY OF BUTLER )

THE CINCINNATI INSURANCE COMPANY  
THE CINCINNATI CASUALTY COMPANY

*Stephen A. Ventre*

On this 16th day of March, 2021 before me came the above-named President or Senior Vice President of The Cincinnati Insurance Company and The Cincinnati Casualty Company, to me personally known to be the officer described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of said Companies and the corporate seals and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporations.



*Keith Collett*  
Keith Collett, Attorney at Law  
Notary Public - State of Ohio

My commission has no expiration date.  
Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Vice-President of The Cincinnati Insurance Company and The Cincinnati Casualty Company, hereby certify that the above is the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Power of Attorney is still in full force and effect.

Given under my hand and seal of said Companies at Fairfield, Ohio, this 25<sup>th</sup> day of June 2026



*Ed H.*

Office of Risk Assessment  
50 West Town Street  
Third Floor - Suite 300  
Columbus, Ohio 43215  
(614)644-2658  
Fax(614)644-3256  
www.insurance.ohio.gov

## Ohio Department of Insurance

Mike DeWine - Governor

Judith French - Director

### Certificate of Compliance



Issued 06/25/2025

Effective 07/01/2025

Expires 06/30/2026

I, Judith French, hereby certify that I am the Director of Insurance in the State of Ohio and have supervision of insurance business in said State and as such I hereby certify that

#### CINCINNATI INSURANCE COMPANY, THE

of Ohio is duly organized under the laws of this State and is authorized to transact the business of insurance under the following section(s) of the Ohio Revised Code:

##### **Section 3929.01 (A)**

Accident & Health

Aircraft

Allied Lines

Boiler & Machinery

Burglary & Theft

Commercial Auto - Liability

Commercial Auto - No Fault

Commercial Auto - Physical Damage

Credit

Earthquake

Fidelity

Financial Guaranty

Fire

Glass

Inland Marine

Medical Malpractice

Multiple Peril - Commercial

Multiple Peril - Farmowners

Multiple Peril - Homeowners

Ocean Marine

Other Liability

Private Passenger Auto - Liability

Private Passenger Auto - No Fault

Private Passenger Auto - Physical Damage

Surety

Workers Compensation

CINCINNATI INSURANCE COMPANY, THE certified in its annual statement to this Department as of December 31, 2024 that it has admitted assets in the amount of \$22,730,881,278, liabilities in the amount of \$14,128,191,090, and surplus of at least \$8,602,690,188.

IN WITNESS WHEREOF, I have hereunto subscribed my name and caused my seal to be affixed at Columbus, Ohio, this day and date.

*Judith L. French*

Judith French, Director







The Cincinnati Insurance Company • The Cincinnati Indemnity Company  
The Cincinnati Casualty Company • The Cincinnati Specialty Underwriters Insurance Company  
The Cincinnati Life Insurance Company

THE CINCINNATI INSURANCE COMPANY  
FINANCIAL STATEMENT  
DECEMBER 31, 2025

ASSETS

|                           |                         |
|---------------------------|-------------------------|
| Cash                      | \$ 812,220,625          |
| Bonds                     | 11,541,122,184          |
| Stocks                    | 9,019,622,009           |
| Agents Balance Receivable | 2,932,414,652           |
| All Other Admitted Assets | <u>1,541,043,791</u>    |
| TOTAL ADMITTED ASSETS     | <u>\$25,846,423,261</u> |

LIABILITIES

|                                     |                         |
|-------------------------------------|-------------------------|
| Reserve for Losses and Loss Expense | \$ 9,523,151,981        |
| Reserve for Unearned Premiums       | 4,655,657,725           |
| All Other Liabilities               | 1,918,903,112           |
| Capital                             | \$ 3,586,355            |
| Surplus                             | 9,745,124,088           |
|                                     | <u>9,748,710,443</u>    |
| TOTAL LIABILITIES & EQUITY          | <u>\$25,846,423,261</u> |

State of Ohio  
County of Butler

Andrew M. Schnell, Treasurer of The Cincinnati Insurance Company, being duly sworn for himself, deposes and says that he is the above described officer of the said company and that the above Financial Statement as of December 31, 2025 is true and correct to the best of his knowledge and belief.

  
\_\_\_\_\_  
Andrew M. Schnell  
Senior Vice President, Treasurer

Subscribed and sworn before me this 19<sup>th</sup> day of February 2026.

  
\_\_\_\_\_  
 RACHEL ELLEN UNDERWOOD  
Notary Public  
State of Ohio  
My Comm. Expires  
June 7, 2027

## **INSTRUCTIONS TO BIDDERS**

### **A. SEALED BIDS**

The Clerk of Council will receive sealed bids for **Aquatic Center Pump Replacements and Other Improvements** for the City of Beachwood, 25325 Fairmount Boulevard, Beachwood, Ohio 44122 (the revised bid opening date and time) until 1 P.M. on Thursday, June 25<sup>th</sup>, 2026. Said bids shall be enclosed in an opaque sealed envelope and marked "**Aquatic Center Pump Replacements and Other Improvements**" and shall bear the name of the bidder.

### **B. DEFINITIONS**

Wherever the word "Owner" occurs herein, it shall mean the City of Beachwood or its duly authorized representative.

Wherever the words "Municipal Authority" occur herein, it shall mean the Mayor of the City of Beachwood or his duly authorized representative.

Wherever the word "Engineer" occurs herein, it shall mean the City Engineer of the City of Beachwood.

Wherever the word "Contractor" occurs herein, it shall mean the party entering into the Contract for the performance of the Work herein required, and the duly authorized representative of said party, or the agent appointed to act for said party in the performance of the Work.

"Addendum" or "Addenda" shall mean the additional Contract requirements prepared by the Engineer and issued in writing and/or drawings by the Engineer prior to the receipt of bids.

### **C. BID FORM**

Each proposal shall be made on the attached SECTION 004113 - "Bid Form- STIPULATED SUM (Single-Prime Contract)" which shall be signed with the full name and address of the individual, proprietorship, partnership, or corporation submitting same. The bid of a proprietorship shall be signed by the owner, the bid of a partnership shall be signed by one of the general partners, and the bid of a corporation shall be signed by a duly authorized officer thereof stating his title. No bid may be withdrawn after delivery to the Owner. The Bidder may, at its discretion, add other pertinent facts or data that it might deem desirable, but its bid **MUST BE ON THIS BID FORM.**

### **D. PROPOSAL GUARANTY**

No proposal will be considered unless accompanied by a bond or certified check drawn on a solvent bank and made payable to the Owner in an amount not less than ten (10) percent of the Bidder's Proposal, conditioned upon execution of the contract and the furnishing of a performance bond and labor and material bond both in the forms attached hereto in the event the contract is awarded to the bidder.

**E. CONSIDERATION OF PROPOSALS**

The Owner reserves the right to reject any or all proposals, to waive technicalities or to advertise for new proposals, if in the judgment of the awarding authority the best interests of the Owner will be promoted by such action.

**F. AWARD OF CONTRACT**

The award of the contract, if it is awarded, will be made within sixty (60) calendar days after the opening of proposals to the lowest and best bidder whose proposal complies with all the requirements prescribed. In no case will an award be made until all necessary investigations are made as to the responsibility of the bidder to whom it is proposed to award the contract. The successful bidder will be notified by letter mailed to the address shown in the proposal, stating that its bid has been accepted and that it has been awarded the contract.

**G. CANCELLATION OF AWARD**

The Owner reserves the right to rescind the award of any contract at any time before the execution of the said contract by all parties, without any liability against the Owner.

**H. RETURN OF PROPOSAL GUARANTY**

All proposal guaranties, except those of the three lowest bidders, will be returned within thirty (30) days following the opening and checking of the proposals. The retained proposal guaranties of the unsuccessful of the three lowest bidders will be returned within thirty (30) days following the award of the contract to the successful bidder. The proposal guaranty will be returned to the successful bidder after it has furnished satisfactory performance and labor and material bonds and has executed the contract.

**I. REQUIREMENT OF PERFORMANCE BOND AND LABOR AND MATERIAL BOND**

Within ten (10) days after it has received notice of the award of the contract, and before entering into a contract, the successful bidder shall furnish (1) a performance bond in the form provided herein in the full amount of his proposal, which bond shall cover the entire contract including the guarantee period and (2) a Labor and Material bond in the form provided herein.

**J. EXECUTION OF CONTRACT**

The successful bidder shall sign and return, the contract, together with the bonds and other required contract documents, within ten (10) days after the bidder has received notice that the contract has been awarded. No proposal shall be considered binding upon the Owner, until the execution of the contract. If the Owner does not execute the contract within twenty (20) days following receipt from the bidder of the required contract documents, the bidder will have the right to withdraw his bid without prejudice.

**K. FAILURE TO EXECUTE CONTRACT**

Failure to execute the contract and file the acceptable bonds shall be just cause for the cancellation of the award and the forfeiture of the proposal guarantee (bid bond or bid check) which shall become the property of the Owner, not as a penalty, but in liquidation of damages

sustained. Award may then be made to the next lowest responsible bidder, or the Work may be re-advertised as the Owner may decide.

**L. CONTRACTOR'S INSURANCE**

The Contractor shall take out and maintain during the life of the contract, such Public Liability (Bodily Injury and Property Damage) Insurance as shall protect Contractor and any sub-Contractors performing work covered by the contract from claims for damages, for personal injury, including accidental death, as well as from claims for property damage which may arise from operations under the contract, whether such operation be by itself or by anyone directly or indirectly employed by either of them. The Contractor shall maintain coverage of the types and in the amounts as specified below. The policy shall name the Owner as an additional insured and the Owner shall be a certificate holder. Proof of such insurance coverage shall be evidenced by submitting a certificate of insurance listing the Owner as an additional insured.

The amounts of such insurance shall be as follows:

**BODILY INJURY LIABILITY**

|               |              |
|---------------|--------------|
| EACH PERSON   | \$1,000,000. |
| EACH ACCIDENT | \$2,000,000. |

**PROPERTY DAMAGE LIABILITY**

|               |              |
|---------------|--------------|
| EACH ACCIDENT | \$1,000,000. |
|---------------|--------------|

Such insurance shall remain in full force and effect during the life of the contract. The Owner shall receive thirty (30) days prior written notice of policy cancellation.

**M. MAINTENANCE BOND**

In addition to the required performance bond and labor and material bond, the successful bidder shall provide at its own expense a two-year maintenance bond, in the amount of twenty-five percent (25%) of this contract. The term of the bond shall begin on the date of final acceptance of the improvement and shall guarantee the improvement will remain in good condition for and during the entire two-year period of guarantee. If at any time before or during said period of guarantee any defects or omissions become apparent in the Work or if it becomes apparent that any of the Work is not in accordance with the requirements, or if any Work constructed under this contract requires repairs due to defects in materials or workmanship, or for any other cause which may be attributed to the Work which is being done or has been done by the Contractor, as determined by the Owner, the Contractor shall rectify such defects or omissions within five (5) days of notification and shall complete such corrections within a reasonable length of time at his own expense. If the Contractor fails to rectify such defects or omissions or fails to start such repairs within five (5) days, the Owner reserves the right to make such corrections at the expense of the Contractor or bonding company.



**N. WAGE SCALE AND LABOR**

Beachwood Codified Ordinance Section 168.20 requires that no less than prevailing wages be paid to all laborers, workers, or mechanics employed in the Work unless higher or lower rates are specified in the contract documents. The minimum wage to be paid to all laborers, workers and mechanics employed on the Work shall be in accordance with the Schedule of Prevailing Hourly Wage Rates as ascertained and determined by the Ohio Department of Industrial Relations in accordance with Chapter 4115 of the Ohio Revised Code.

**O. NON-COLLUSION AFFIDAVIT**

The Non-Collusion Affidavit, which is part of the bidding documents, shall be properly executed and notarized.

**P. QUALIFICATION OF BIDDER**

The bidder must furnish on the form attached hereto that is a part of the bidding document information relative to the facilities, ability, and financial resources available for the proper fulfillment of the Work.

**Q. SUB-CONTRACTORS**

The bidder shall state on the appropriate contract form the names of all sub-Contractors proposed and the items of work they are to be assigned. All work not assigned to a sub-Contractor shall be assumed by the Owner to be performed by the bidder.

The successful bidder shall not subcontract work totaling more than 30% of the total contract amount.

The Owner reserves the right to approve all sub-Contractors proposed by the bidder. If the Owner, after due investigation, rejects the use of a proposed sub-Contractor, the apparent successful bidder may either submit an acceptable substitution without increase in bid price or decline substitution and withdraw its proposal without sacrificing his bid security. Any listed sub-Contractor to whom the Owner does not make written objection prior to award of contract shall be deemed acceptable to the Owner.

Requests by the bidder for changes of sub-Contractor after the award of contract shall be subject to the Owner's approval and shall not change the contract bid prices.

**R. ESTIMATES**

Payment for the Work will be made in the following manner and conditions:

The Contractor shall submit monthly estimates of the amount, in its opinion, of the Work completed to date.

The Engineer shall review the monthly estimates, make such changes, as he deems appropriate and total the amount of work completed on the project as of the date submitted.

The Engineer shall then subtract 10% of the total amount of work completed to date, which shall be retained as described below.

The Engineer shall then subtract from the total derived from the paragraph above, all previous payments made to the Contractor for prior monthly estimates. This total amount remaining and due the Contractor for work completed shall be paid to the Contractor by the Owner not less than forty-five (45) days from receipt of the estimate by the Engineer.

The approval of any estimates, or payment made shall not be taken or construed as an acceptance of worth so estimated. The ten percent (10%) remaining unpaid will be retained as a guarantee that the Contractor will faithfully and completely fulfill all of the obligations and conditions imposed by the contract and specifications and will pay any damages caused by reason of any failure on the part of said Contractor to fulfill all the conditions and obligations herein contained. In case the Contractor fails to comply with the terms of these specifications or fails to comply with the orders or directions of the Engineer herein provided for, the Owner reserves the right, and the Contractor hereby assents to the same, of withholding the payment of any monthly estimate until the terms, orders, or directions are complied with to the satisfaction of the Engineer.

Upon completion of this work as required by the contract and to the satisfaction of the Engineer the 10% of monies earned, which are retained, shall be due and payable.

All estimates made prior to the final estimate shall be subject to correction at the time of the final estimate and final payment.

**S. CLOSING DOCUMENTS**

The following documents, which are part of the bidding documents, shall be properly executed, notarized, and submitted to the Owner before the surety is released or final payment due.

- a. Affidavit of Contractor
- b. Affidavit of Compliance Prevailing Wages
- c. Consent of Surety for Final Payment

**T. PLANS AND SPECIFICATIONS**

Bidders are advised to examine the plans and specifications for the proposed Work carefully. These are on file at the office of the Clerk of Council of the City of Beachwood. These documents may be obtained at the office of Clerk of Council, Law Department, 25325 Fairmount Boulevard, Beachwood, Ohio 44122. Inquiries can be directed to Matt Glass at [mglass@gpdgroup.com](mailto:mglass@gpdgroup.com). It is expected that every bidder will become familiar the plans and specifications before submitting a bid.

Bidders are also expected to examine the ground or place where the work is to be done and judge for themselves all the circumstances affecting the cost of the work and the time required for its completion before submitting their proposals.

## **GENERAL CONDITIONS**

### **A. CERTIFICATIONS OF MATERIALS AND CONFORMANCE TO SPECIFICATIONS**

Before placing any material in the Work, the Contractor shall furnish the Engineer with a manufacturer's certification that the material to be provided conforms to the required specifications. Each certification shall specify the amount delivered. The delivery of any material or the performance of any labor hereunder which does not, in all respects, conform to the specifications, will be rejected. The Contractor shall be notified at once of the rejection and the reason why therefor, which will be confirmed in writing. If the Contractor fails to effect immediate replacement of rejected materials and labor with materials and labor meeting the requirements specified, the city may purchase in the open market replacement materials and labor required, up to the amounts rejected. The Contractor and its surety shall be liable to the Owner for the cost of such materials and labor. The Engineer shall have the right to suspend all or any part of the Work when the Contractor is not doing the Work in accordance with the provisions of the contract.

### **B. UNACCEPTABLE MATERIALS**

All materials not conforming to the requirements of the specifications at the time they are used shall be considered unacceptable and shall be removed immediately from the site of the Work unless otherwise instructed by the Engineer. Materials which have had defects that have been corrected shall not be used until approval has been given. The Engineer shall have authority to remove and replace defective materials and to deduct the cost of removal and replacement from monies due or to become due to the Contractor if the Contractor fails to comply immediately with any order of the Engineer made under the provisions of this section.

### **C. RELOCATION OF UTILITIES**

The Contractor shall make arrangements with any utility company for the relocation of utility poles, underground conduits, gas lines and valves required to be relocated or adjusted, at no cost to the Owner.

### **D. PROTECTION OF PROPERTY AND WORK**

The Contractor shall, at his own expense, support and protect all structures, conduits, wires, trees, water pipes, gas pipe, sewers, pavements, curbing, sidewalks, equipment and fixtures of all kinds and all other public or private property that may be encountered or endangered during construction. Contractor shall repair and make good any damage caused to such property.

The Contractor shall provide proper facilities, take all necessary precautions, and assume the entire cost for protecting the Work against vandalism, weather conditions and for handling all storm and floodwater, sewage, seepage, ice or snow that may be encountered during the performance of the contract.

### **E. SCHEDULING AND WORK HOURS**

The Contractor shall submit a schedule for work to be performed, which must meet with the approval of the Engineer prior to the start of construction. All work on this contract, unless otherwise stated on the plans, will be limited from **7:00 AM to 7:00 PM Monday through**

**Friday**, except in cases of emergency, and then may be performed only if permission is obtained from the Engineer and adequate lighting facilities are used. **Owner must approve Saturday work in writing. No work will be permitted on Sundays and Holidays except to save property or life, or in case of extraordinary emergency, and then only as authorized or directed by the Engineer.**

The Contractor shall begin the work of removing and installing the pool pumps, piping and other accessories in the Family Aquatics Center during the offseason between **October 1, 2026** with completion date by **May 1, 2027** after receiving written Notice of Authorization to Proceed. The city engineer has the authority to modify the schedule if needed.

Aforementioned Holidays reference all Holiday's observed in the city in 2026 and 2027 which include but is not limited to:

2026

- Purim – March 2<sup>nd</sup> and March 3<sup>rd</sup>
- Passover – April 1<sup>st</sup> thru April 9<sup>th</sup>
- Easter – April 5<sup>th</sup>
- Shavuot – May 21<sup>st</sup> thru May 23<sup>rd</sup>
- Memorial Day – May 25<sup>th</sup>
- Independence Day – July 4<sup>th</sup>
- Labor Day – September 7<sup>th</sup>
- Rosh Hashanah – September 11<sup>th</sup> thru Septmeber13<sup>th</sup>
- Yom Kippur – September 20<sup>th</sup> and September 21<sup>st</sup>
- Sukkot – October 6<sup>th</sup> thru October 13<sup>th</sup>
- Shemini Atzeret / Simchat Torah – October 2<sup>nd</sup> thru October 4<sup>th</sup>
- Columbus Day – October 12<sup>th</sup>

2027

- Purim – March 22<sup>nd</sup>
- Easter – March 28<sup>th</sup>
- Passover – April 22<sup>nd</sup> thru April 29<sup>th</sup>
- Shavuot – June 11<sup>th</sup> thru June 12<sup>th</sup>
- Memorial Day – May 31<sup>st</sup>
- Independence Day – July 4<sup>th</sup>
- Labor Day – September 6<sup>th</sup>
- Rosh Hashanah – October 1<sup>st</sup> thru October 3<sup>rd</sup>
- Yom Kippur – October 10<sup>th</sup> and October 11<sup>th</sup>
- Sukkot – October 15<sup>th</sup> thru October 22<sup>nd</sup>
- Shemini Atzeret / Simchat Torah – October 22<sup>nd</sup> thru October 23<sup>rd</sup>
- Columbus Day – October 12<sup>th</sup>

**F. TIME FOR COMPLETION**

Work on this contract shall commence within ten (10) working days from the date of Notice of Authorization to Proceed. The contractor shall begin to order the pumps, piping and any other materials as needed once the material shop drawings have been approved (as mentioned below). The contractor shall coordinate working in the mechanical room and other areas of the Family Aquatics Center with the city. The completion date is scheduled **May 1, 2027**.



The Work shall be carried on with such force, in such manner and order, and at such locations that the whole Work shall be performed within the number of working days as mutually agreed upon for each street, or as may be modified or extended as mutually agreed upon, and as computed from the date of notice to perform. The Contractor shall work continuously until the Work is completed and shall not leave the job site until all the Work is acceptable to the Engineer.

**G. LIQUIDATED DAMAGES**

The Contractor acknowledges and agrees that time is of the essence to the contract and that if the Contractor shall fail to complete the Work per street as herein provided within the time fixed, or extended as mutually agreed upon, the Owner may retain as liquidated damages incident to such delay, a portion of the monies which are or may become due said Contractor, and every calendar day the completion of the Work be delayed beyond the time set forth herein for such completion shall constitute an incident of delay.

The Contractor acknowledges and agrees that, inasmuch as the Owner will sustain expenses and inconveniences and other damages in the event that the Contractor fails to perform the Work per street herein specified within the time herein set forth, included but not limited to inconvenience to the public, Engineering expenses, interest charges, wages of clerks, salaries of inspectors, delay caused to other work by failure to perform this contract and other elements, some of which are indefinite and, in some cases, not susceptible to convenient determination, an amount equal to that stated in **CMS table 108.07-1**.

**H. COORDINATION OF PLANS, SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS**

These specifications, the supplemental specifications, the plans, special provisions, and all supplemental documents are essential parts of the Contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete Work.

In case of discrepancy, calculated dimensions will govern over scaled dimensions; specifications will govern over plans; supplemental specifications will govern over specifications and plans.

**I. FINAL CLEANUP**

Prior to and at the request of the Engineer, the Contractor at its own expense shall make a final clean up of the project to the satisfaction of the Engineer and Municipal Authority.

**J. AUTHORITY OF THE ENGINEER**

The Engineer will decide all questions that may arise as to the quality and acceptability of materials furnished, work performed and rate of progress. He will decide all questions that may arise as to interpretation of the plans, specifications and other contract documents. He will decide all questions as to the acceptable fulfillment of the contract on the part of the Contractor.

**K. LAWS TO BE OBSERVED**

The Contractor shall keep fully informed of all Federal, State and local laws, ordinances, and regulations and all orders and decrees of authorities having any jurisdiction or authority, which in any way affect those engaged or employed on the Work, or which in any way affect the conduct of the Work. He shall at all times observe and comply with all such laws, ordinances, regulations, orders and decrees; and shall protect and indemnify the Owner and its representatives against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by Contractor or its employees.

The Contractor agrees that in the hiring of employees for the performance of work under this contract or any subcontract hereunder, no Contractor or SubContractor, nor any person acting on behalf of such Contractor or SubContractor shall discriminate against any citizen of The United States in the employment of laborers or workers who are qualified and available to perform the Work to which the employment relates, nor discriminate against any such person by reason of race, sex, creed, color or disability, in so far as said disability does not preclude said individual from performing the Work intended.

No Contractor, SubContractor, nor any person on its behalf shall, in any manner, discriminate against or intimidate any employee hired for the performance of work under this contract on account of race, sex, creed, color or disability.

**L. CONTINGENCY QUANTITIES**

"As Directed" and/or contingency quantities have been included in the Bid Proposal as part of the Contract for use at locations within the project as directed by the Engineer. The Contractor shall not order materials or perform work for "as Directed" or contingency items unless authorized by the Engineer. The actual work locations and measured quantities used for such items shall be determined in the field.

**M. QUANTITIES OF WORK**

The quantities of work set forth herein are approximate and the Owner reserves the right to modify them or delete any or all of them upon notice to the Contractor. The Owner may extend the quantities contained herein as may be mutually agreed to by the Contractor. When the accepted quantities of work vary from the quantities in the bid schedule, the Contractor shall accept as payment in full, so far as contract items are concerned, payment at the original contract unit prices for the accepted quantities of work done. No allowance will be made for any increased expense, loss of expected reimbursement, or loss of anticipated profits suffered or claimed by the Contractor resulting either directly from such alterations, or indirectly from unbalanced allocation among the contract items of overhead expense on the part of the bidder causing subsequent loss of expected reimbursements therefore or from any other cause.

**N. SCOPE OF PAYMENT**

The Contractor shall receive and accept compensation provided for the contract as full payment for furnishing all materials and equipment and for performing all work under the contract in a complete and acceptable manner and for all risk, loss, damage, or expense of whatever character arising out of the nature of the Work or the prosecution thereof.



**O. SHOP DRAWINGS**

Four (4) copies of all shop drawings, schedules and similar documents, as required, must be furnished to the Engineer. Approval by the Engineer shall in no way relieve the Contractor from responsibility for proper measurements, fitting, and construction of the Work, nor from the necessity of furnishing materials or workmanship required by the Engineer's drawings and specifications, which may not be indicated on shop drawings, etc. when inspected.

**P. RESTORATION OF PROPERTY WITHIN WORK LIMITS**

The Contractor is cautioned that private landscape features such as but not limited to lawn sprinklers, split rail fences, hedges, flowerbeds, decorative electric or gas light poles, etc. are located within the project's work limits, which may interfere with work. It shall be the Contractor's responsibility to visit the site and determine the elements of landscape features that will interfere with work prior to bid submittal. The Contractor shall be responsible to protect and remove, store and re-install any landscape feature that will interfere with the Work. The Contractor shall be responsible to coordinate with utility companies, such as gas or electric, the temporary disconnection of service as necessary. After completion of the project's construction and before final acceptance, the Contractor shall restore such removed property to condition similar or equal to that existing by repairing, rebuilding, re-connection of utility services or otherwise restore as directed and in an acceptable manner to the Owner.

By submitting a bid, the Contractor certifies he has visited the project site and has determined for himself the landscape items that will interfere with work and may in any manner affect cost, progress or performance of work.

This work shall be considered a subsidiary obligation of the Contractors whose payment shall be included with all other contract prices.

## **City of Beachwood – Family Aquatics Center – Pump and piping replacement**

### **Description of work:**

#### **Summary:**

Replacement of eleven (11) pool pumps and a portion of Piping within the mechanical room at the Family Aquatics Center located at 25125 Fairmount Blvd. Four (4) of the pumps were ordered by the city on January 6, 2026, and are on site ready to be installed. The remaining seven (7) pumps will need to be ordered by the contractor. The contractor shall then install all eleven (11) replacement pumps and the section of piping. The intended that the contractor orders the pumps immediately after the awarding of this contract. Demolition and site prep can begin after the close of the pool for the season. All work, except start up services, must be completed by May 1st, 2027. The pool needs to be opened by Memorial Day Weekend.

**Pumps:** The city of Beachwood is has pre-purchased four (4) of the pool pumps. The contractor is responsible for ordering the remaining seven (7) pumps. The contractor shall receive the pumps at the site and coordinate storage prior to installation. The contractor shall replace the pumps in the mechanical room. It will be the contractor's responsibility to modify the existing concrete base for the pumps and align the new pump with the existing piping. Pumps were ordered to match the existing, but variations should be expected. Electrical shall be disconnected and re-connected with a SPGFCI installed. The SPGFCI shall be mounted to the wall, it shall be wired between the disconnect and the pump. SPGFCI shall be North Shore Safety Line Guard SPGFCI model PGFS-56107 or PGFS-53107 with automatic power up type, either 30 AMP or 60 AMP to match pump, or similar product. SPGFCI must be UL943C listed. Demo of the existing pumps shall be by the contractor. All removed pumps shall be stored on site for pick up by the city. Contactor shall perform start up on the pump and be present during annual pool fill to test all connections and operations. Filling of the pool typically starts on May 1<sup>st</sup>. Valves, check valves, and strainers shall be reused. Pumps are a 1 to 1 replacement in regards to HP, flow and head pressure.

**Piping:** The 16" diameter piping for the main pool filters shall be replaced. Contractor shall remove all 16" piping and replace in kind. All 16" fittings shall be replaced and all smaller diameter piping connected to the 16" piping shall be replaced for at least 4'. All 16" diameter piping hangers shall be new. Contractor shall remove the existing hanger and replace with new. All piping shall be sch 80 PVC piping. Refer to specification for piping,

and hanger requirements. All piping shall be a 1 for 1 replacement and the routing of the piping shall not change. The only exception is to remove the valve between the pool heater intake and discharge, replace with a straight spool piece of piping.

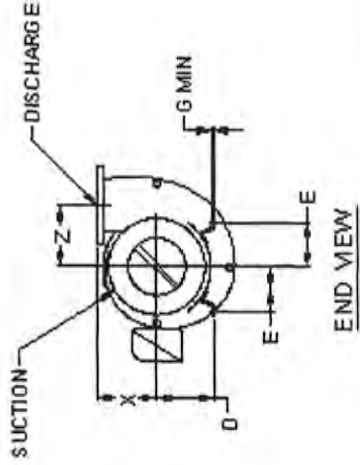
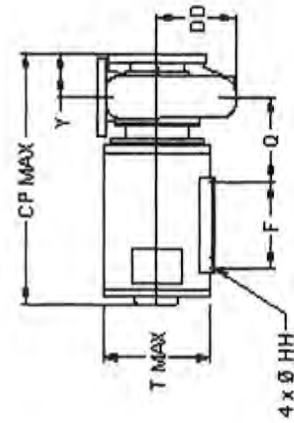
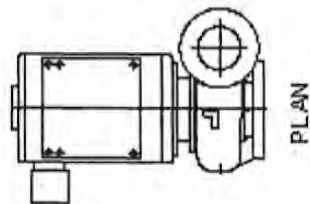
## Pre-Purchased Pumps

### Construction Datasheet

|                                 |  |                              |                      |                                              |              |                              |  |                               |                                                                |
|---------------------------------|--|------------------------------|----------------------|----------------------------------------------|--------------|------------------------------|--|-------------------------------|----------------------------------------------------------------|
| Project name                    |  | : FP251795                   |                      | Tag Number                                   |              | : 001                        |  |                               |                                                                |
| Consulting engineer             |  | :                            |                      | Service                                      |              | :                            |  |                               |                                                                |
| Customer                        |  | : Fluid Cooling Systems, LLC |                      | Model                                        |              | : 60951 LC                   |  |                               |                                                                |
| Customer ref. / PO              |  | :                            |                      | Quantity                                     |              | : 1                          |  |                               |                                                                |
| Quote Number / ID               |  | : FP251792                   |                      | Grundfos Partner                             |              | : Fluid Cooling Systems, LLC |  |                               |                                                                |
| Date last saved                 |  | : 11/25/2025 8:55 AM         |                      | Quoted By (Sales Engineer)                   |              | : Bob Antaya                 |  |                               |                                                                |
|                                 |  |                              |                      |                                              |              |                              |  |                               |                                                                |
| Nozzle                          |  | Size (in.)                   | Nozzle Configuration | Pos'n                                        | Manufacturer |                              |  | : Baldor                      |                                                                |
| Suction                         |  | 8                            | 125# ANSI            | End                                          | Frame Size   |                              |  | : 324JM                       |                                                                |
| Discharge                       |  | 6                            | 125# ANSI            | Top                                          | Power        |                              |  | : 40.00 hp                    |                                                                |
| Orientation / Configuration     |  |                              |                      | : Horizontal                                 |              |                              |  | RPM                           | : 1800 rpm                                                     |
| Rotation                        |  |                              |                      | : Clockwise                                  |              |                              |  | Enclosure                     | : TEFC                                                         |
| Wear Ring Configuration         |  |                              |                      | : Single - Case                              |              |                              |  | Operating Power Supply        | : 230/460/3/60                                                 |
| Discharge Elbow Size            |  |                              |                      | : -                                          |              |                              |  | Efficiency                    | : Premium                                                      |
| Subplate                        |  |                              |                      | : -                                          |              |                              |  | Service factor                | : 1.15                                                         |
| Sump Depth (feet)               |  |                              |                      | : -                                          |              |                              |  | Motor Application             | : General Purpose                                              |
| Bearing Frame                   |  |                              |                      | : -                                          |              |                              |  | Motor Options/Accessories     | : -                                                            |
| Bearing Frame Foot              |  |                              |                      | : -                                          |              |                              |  | Cord Length (feet)            | : -                                                            |
| Bearing Type (Radial/Thrust)    |  |                              |                      | : In motor                                   |              |                              |  |                               |                                                                |
| Bearing Lubrication             |  |                              |                      | : -                                          |              |                              |  | Case                          | : Cast Iron, ASTM A48 - Class 30                               |
| Thrust Bearing                  |  |                              |                      | : -                                          |              |                              |  | Motor Bracket                 | : Cast Iron, ASTM-A48, CL 30                                   |
| Intermediate Bearing            |  |                              |                      | : -                                          |              |                              |  | Impeller                      | : Stainless Steel, AISI-304 (H304)                             |
| Lower Bearing                   |  |                              |                      | : -                                          |              |                              |  | Impeller Cap Screw and Washer | : Stainless Steel, AISI-303                                    |
| Bearing Housing Accessories     |  |                              |                      | : -                                          |              |                              |  | Impeller Key                  | : Stainless Steel, AISI 316                                    |
| PACO Construction Code          |  |                              |                      | : 10N-60951-1A000Y-2892P                     |              |                              |  | Case wear ring                | : Tin Bronze, ASTM B584-90500 (B18)                            |
|                                 |  |                              |                      |                                              |              |                              |  | Impeller wear ring            | : -                                                            |
| Baseplate                       |  |                              |                      | : Not Applicable                             |              |                              |  | Pump Shaft                    | : Steel, AISI-1040                                             |
| Drip Pan                        |  |                              |                      | : -                                          |              |                              |  | Sleeve                        | : Bronze, III932, C89835                                       |
| Coupling                        |  |                              |                      | : -                                          |              |                              |  | Line Shaft                    | : -                                                            |
| Guard                           |  |                              |                      | : Not Applicable                             |              |                              |  | Column                        | : -                                                            |
|                                 |  |                              |                      |                                              |              |                              |  | Discharge Pipe                | : -                                                            |
| Sealing Method                  |  |                              |                      | : Single Seal, Type 21S                      |              |                              |  | Discharge Elbow               | : -                                                            |
| Seal Material                   |  |                              |                      | : Buna Carbon Ceramic SS-Spring and Hardware |              |                              |  | Suction Elbow                 | : -                                                            |
| Packing Gland                   |  |                              |                      | : -                                          |              |                              |  | Subplate                      | : -                                                            |
| Lantern Ring                    |  |                              |                      | : -                                          |              |                              |  | Hardware                      | : Steel, Grade 5                                               |
| Recirculation Lines             |  |                              |                      | : None                                       |              |                              |  | O Rings                       | : Buna N                                                       |
|                                 |  |                              |                      |                                              |              |                              |  | Pump Coatings                 | : Scotchkote 134 (wetted cast iron parts, interior & exterior) |
| Pump                            |  |                              |                      | : 338.0 lb                                   |              |                              |  |                               |                                                                |
| Baseplate                       |  |                              |                      | : -                                          |              |                              |  |                               |                                                                |
| Driver                          |  |                              |                      | : 620.0 lb                                   |              |                              |  |                               |                                                                |
| Estimated Shipping gross weight |  |                              |                      | : 958.0 lb                                   |              |                              |  |                               |                                                                |

## General Arrangement

|                     |                      |                            |                              |
|---------------------|----------------------|----------------------------|------------------------------|
| Project name        | : FP251795           | Tag Number                 | : 001                        |
| Consulting engineer | :                    | Service                    | :                            |
| Customer            | :                    | Model                      | : 60951 LC                   |
| Customer ref. / PO  | :                    | Quantity of pumps          | : 1                          |
| Quote Number / ID   | : FP251792           | Grundfos Partner           | : Fluid Cooling Systems, LLC |
| Date last saved     | : 11/25/2025 8:55 AM | Quoted By (Sales Engineer) | : Bob Antaya                 |



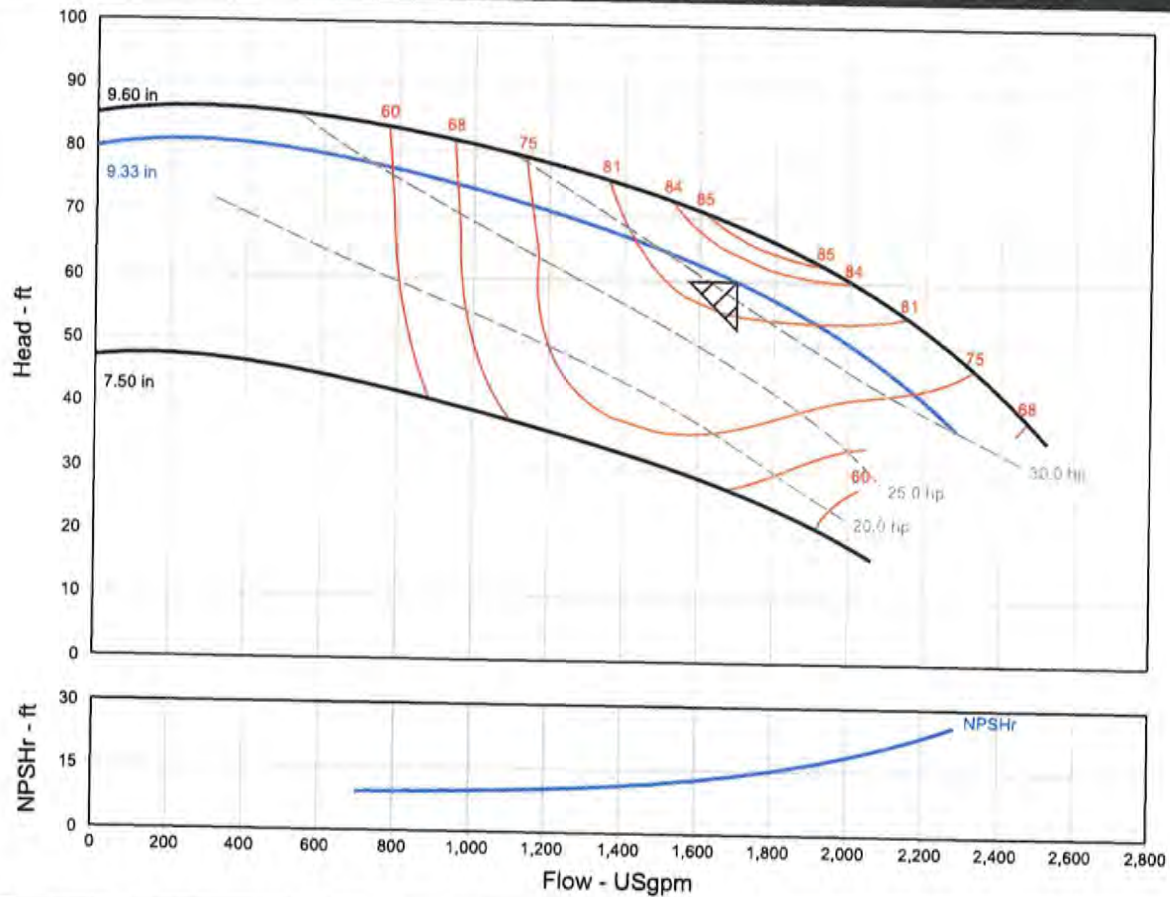
## NOT FOR CONSTRUCTION, UNLESS CERTIFIED AND REFERENCED ON ORDER

| Units                 | Frame              | Suct(in) | Disch(in) | CP            | D         | DD    | E    | F                | G    | HH   | Q                   | T     | X    | Y          | Z    | Weight ea |
|-----------------------|--------------------|----------|-----------|---------------|-----------|-------|------|------------------|------|------|---------------------|-------|------|------------|------|-----------|
| Inches                | 324JM              | 8        | 6         | 37.00         | 8.00      | 11.00 | 6.25 | 10.50            | 0.31 | 0.66 | 11.94               | 15.13 | 8.38 | 6.06       | 8.56 | 958.0     |
| Conditions of Service |                    |          |           |               |           |       |      |                  |      |      |                     |       |      |            |      |           |
| Flow: 1,700.0 USgpm   | Fluid: Cold Water  |          |           | HP: 40        | Enc: TEFC |       |      | Phase: 3         |      |      | Efficiency: Premium |       |      | S.F.: 1.15 |      |           |
| TDH: 60.00 ft         | Temp.: 68.00 deg F |          |           | RPM: 1750 rpm | Hz: 60    |       |      | Voltage: 230/460 |      |      |                     |       |      |            |      |           |

Fluid Cooling Systems, LLC - 3070 W. Thompson Rd - Fenton, MI 48430  
 phone: (888) 315-5631 - fax: (888) 423-1914 - <http://www.fluidcoolingsystems.com/>



## Pump Performance Curve



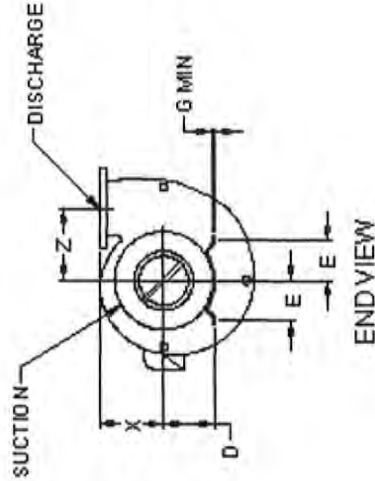
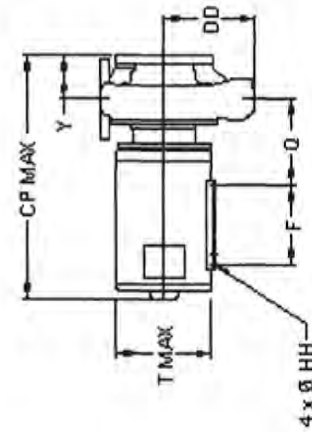
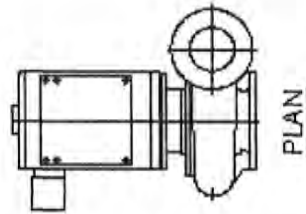
|                                     |   |                    |                                   |   |                           |
|-------------------------------------|---|--------------------|-----------------------------------|---|---------------------------|
| Customer                            | : |                    | Model                             | : | 60951 LC                  |
| Customer ref. / PO                  | : |                    | Stages                            | : | 1                         |
| Tag Number                          | : | 001                | Speed, rated                      | : | 1750 rpm                  |
| Service                             | : |                    | Based on curve number             | : | RC1985-1-SS Rev 0         |
| Quantity                            | : | 1                  | Efficiency                        | : | 82.71 %                   |
| Quote Number / ID                   | : | FP251792           | Rated power (based on duty point) | : | 31.15 hp                  |
| Date last saved                     | : | 11/25/2025 8:55 AM | NPSH required                     | : | 13.86 ft                  |
| Flow, rated                         | : | 1,700.0 USgpm      | Viscosity                         | : | 1.00 cP                   |
| Differential head / pressure, rated | : | 60.00 ft           | Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]  | : | 1.00 / 1.00 / 1.00 / 1.00 |
| Fluid density, rated / max          | : | 1.000 / 1.000 SG   | Impeller diameter, rated          | : | 9.33 in                   |
|                                     |   |                    | PEI (CL)                          | : | 0.97                      |
|                                     |   |                    | ER (CL)                           | : | 3                         |

## Construction Datasheet

|                                 |            |                              |       |                               |  |                              |  |                                                                |
|---------------------------------|------------|------------------------------|-------|-------------------------------|--|------------------------------|--|----------------------------------------------------------------|
| Project name                    |            | : FP251795                   |       | Tag Number                    |  | : 003                        |  |                                                                |
| Consulting engineer             |            | :                            |       | Service                       |  | :                            |  |                                                                |
| Customer                        |            | : Fluid Cooling Systems, LLC |       | Model                         |  | : 60123 LC                   |  |                                                                |
| Customer ref. / PO              |            | :                            |       | Quantity                      |  | : 1                          |  |                                                                |
| Quote Number / ID               |            | : FP251792                   |       | Grundfos Partner              |  | : Fluid Cooling Systems, LLC |  |                                                                |
| Date last saved                 |            | : 12/04/2025 9:03 AM         |       | Quoted By (Sales Engineer)    |  | : Bob Antaya                 |  |                                                                |
|                                 |            |                              |       |                               |  |                              |  |                                                                |
| Nozzle                          | Size (in.) | Nozzle Configuration         | Pos'n | Manufacturer                  |  |                              |  | : Baldor                                                       |
| Suction                         | 8          | 125# ANSI                    | End   | Frame Size                    |  |                              |  | : 286JM                                                        |
| Discharge                       | 6          | 125# ANSI                    | Top   | Power                         |  |                              |  | : 15.00 hp                                                     |
| Orientation / Configuration     |            |                              |       | RPM                           |  |                              |  | : 1200 rpm                                                     |
| Rotation                        |            |                              |       | Enclosure                     |  |                              |  | : TEFC                                                         |
| Wear Ring Configuration         |            |                              |       | Operating Power Supply        |  |                              |  | : 230/460/3/60                                                 |
| Discharge Elbow Size            |            |                              |       | Efficiency                    |  |                              |  | : Premium                                                      |
| Subplate                        |            |                              |       | Service factor                |  |                              |  | : 1.15                                                         |
| Sump Depth (feet)               |            |                              |       | Motor Application             |  |                              |  | : General Purpose                                              |
| Bearing Frame                   |            |                              |       | Motor Options/Accessories     |  |                              |  | : -                                                            |
| Bearing Frame Foot              |            |                              |       | Cord Length (feet)            |  |                              |  | : -                                                            |
| Bearing Type (Radial/Thrust)    |            |                              |       |                               |  |                              |  |                                                                |
| Bearing Lubrication             |            |                              |       | Case                          |  |                              |  | : Cast Iron, ASTM A48 - Class 30                               |
| Thrust Bearing                  |            |                              |       | Motor Bracket                 |  |                              |  | : Cast Iron, ASTM-A48, CL 30                                   |
| Intermediate Bearing            |            |                              |       | Impeller                      |  |                              |  | : Stainless Steel, AISI-304 (H304)                             |
| Lower Bearing                   |            |                              |       | Impeller Cap Screw and Washer |  |                              |  | : Stainless Steel, AISI-303                                    |
| Bearing Housing Accessories     |            |                              |       | Impeller Key                  |  |                              |  | : Stainless Steel, AISI 316                                    |
| PACO Construction Code          |            |                              |       | Case wear ring                |  |                              |  | : Tin Bronze, ASTM B584-90500 (B18)                            |
|                                 |            |                              |       | Impeller wear ring            |  |                              |  | : -                                                            |
| Baseplate                       |            |                              |       | Pump Shaft                    |  |                              |  | : Steel, AISI-1040                                             |
| Drip Pan                        |            |                              |       | Sleeve                        |  |                              |  | : Bronze, III932, C89835                                       |
| Coupling                        |            |                              |       | Line Shaft                    |  |                              |  | : -                                                            |
| Guard                           |            |                              |       | Column                        |  |                              |  | : -                                                            |
|                                 |            |                              |       | Discharge Pipe                |  |                              |  | : -                                                            |
| Sealing Method                  |            |                              |       | Discharge Elbow               |  |                              |  | : -                                                            |
| Seal Material                   |            |                              |       | Suction Elbow                 |  |                              |  | : -                                                            |
| Packing Gland                   |            |                              |       | Subplate                      |  |                              |  | : -                                                            |
| Lantern Ring                    |            |                              |       | Hardware                      |  |                              |  | : Steel, Grade 5                                               |
| Recirculation Lines             |            |                              |       | O Rings                       |  |                              |  | : Buna N                                                       |
|                                 |            |                              |       | Pump Coatings                 |  |                              |  | : Scotchkote 134 (wetted cast iron parts, interior & exterior) |
| Pump                            |            |                              |       |                               |  |                              |  |                                                                |
| Baseplate                       |            |                              |       |                               |  |                              |  |                                                                |
| Driver                          |            |                              |       |                               |  |                              |  |                                                                |
| Estimated Shipping gross weight |            |                              |       |                               |  |                              |  |                                                                |

## General Arrangement

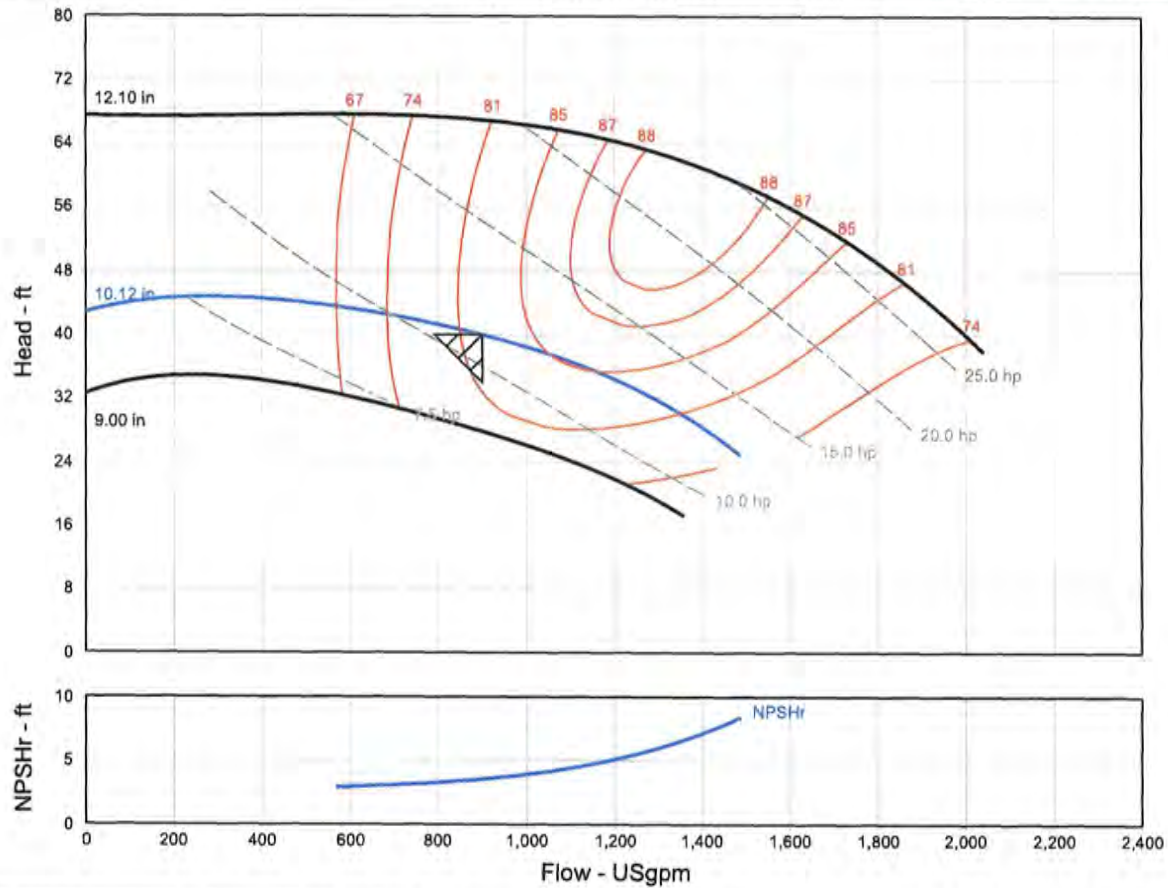
|                     |                      |                            |                              |
|---------------------|----------------------|----------------------------|------------------------------|
| Project name        | : FP251795           | Tag Number                 | : 003                        |
| Consulting engineer | :                    | Service                    | :                            |
| Customer            | :                    | Model                      | : 60123 LC                   |
| Customer ref. / PO  | :                    | Quantity of pumps          | : 1                          |
| Quote Number / ID   | : FP251792           | Grundfos Partner           | : Fluid Cooling Systems, LLC |
| Date last saved     | : 12/04/2025 9:03 AM | Quoted By (Sales Engineer) | : Bob Antaya                 |



**NOT FOR CONSTRUCTION, UNLESS CERTIFIED AND REFERENCED ON ORDER**

| Units                 | Frame              | Suct(in) | Disch(in) | CP            | D          | DD    | E    | F                | G    | HH   | Q     | T     | X    | Y    | Z    | Weight ea |                     |  |
|-----------------------|--------------------|----------|-----------|---------------|------------|-------|------|------------------|------|------|-------|-------|------|------|------|-----------|---------------------|--|
| inches                | 286JM              | 8        | 6         | 37.00         | 7.00       | 12.50 | 5.50 | 11.00            | 0.25 | 0.53 | 11.75 | 13.25 | 8.88 | 6.06 | 9.88 | 688.0     |                     |  |
| Conditions of Service |                    |          |           |               |            |       |      |                  |      |      |       |       |      |      |      |           |                     |  |
| Motor Data            |                    |          |           |               |            |       |      |                  |      |      |       |       |      |      |      |           |                     |  |
| Flow: 900.0 USgpm     | Fluid: Cold Water  |          |           | HP: 15        | Encl: TEFC |       |      | Phase: 3         |      |      |       |       |      |      |      |           | Efficiency: Premium |  |
| TDH: 40.00 ft         | Temp.: 68.00 deg F |          |           | RPM: 1187 rpm | Hz: 60     |       |      | Voltage: 230/460 |      |      |       |       |      |      |      |           | S.F.: 1.15          |  |

**Pump Performance Curve**



|                                       |                    |                                     |                           |
|---------------------------------------|--------------------|-------------------------------------|---------------------------|
| Customer :                            |                    | Model :                             | 60123 LC                  |
| Customer ref. / PO :                  |                    | Stages :                            | 1                         |
| Tag Number :                          | 003                | Speed, rated :                      | 1187 rpm                  |
| Service :                             |                    | Based on curve number :             | RC2010-SS Rev 0           |
| Quantity :                            | 1                  | Efficiency :                        | 82.48 %                   |
| Quote Number / ID :                   | FP251792           | Rated power (based on duty point) : | 11.02 hp                  |
| Date last saved :                     | 12/04/2025 9:03 AM | NPSH required :                     | 3.56 ft                   |
| Flow, rated :                         | 900.0 USgpm        | Viscosity :                         | 1.00 cP                   |
| Differential head / pressure, rated : | 40.00 ft           | Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] :  | 1.00 / 1.00 / 1.00 / 1.00 |
| Fluid density, rated / max :          | 1.000 / 1.000 SG   | Impeller diameter, rated :          | 10.12 in                  |
|                                       |                    | PEI (CL) :                          | Out of scope              |
|                                       |                    | ER (CL) :                           | Out of scope              |

# Construction Datasheet

|                     |                              |                            |                              |
|---------------------|------------------------------|----------------------------|------------------------------|
| Project name        | : FP251795                   | Tag Number                 | : 002                        |
| Consulting engineer | :                            | Service                    | :                            |
| Customer            | : Fluid Cooling Systems, LLC | Model                      | : 30957 LC                   |
| Customer ref. / PO  | :                            | Quantity                   | : 1                          |
| Quote Number / ID   | : FP251792                   | Grundfos Partner           | : Fluid Cooling Systems, LLC |
| Date last saved     | : 12/02/2025 1:11 PM         | Quoted By (Sales Engineer) | : Bob Antaya                 |

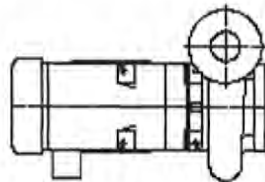
  

| Nozzle                          | Size (in.) | Nozzle Configuration                       | Pos'n | Manufacturer                  | : | Baldor                                                       |
|---------------------------------|------------|--------------------------------------------|-------|-------------------------------|---|--------------------------------------------------------------|
| Suction                         | 4          | 125# ANSI                                  | End   | Frame Size                    | : | 215JM                                                        |
| Discharge                       | 3          | 125# ANSI                                  | Top   | Power                         | : | 10.00 hp                                                     |
| Orientation / Configuration     | :          | Horizontal                                 |       | RPM                           | : | 1800 rpm                                                     |
| Rotation                        | :          | Clockwise                                  |       | Enclosure                     | : | TEFC                                                         |
| Wear Ring Configuration         | :          | Single - Case                              |       | Operating Power Supply        | : | 230/460/3/60                                                 |
| Discharge Elbow Size            | :          | -                                          |       | Efficiency                    | : | Premium                                                      |
| Subplate                        | :          | -                                          |       | Service factor                | : | 1.15                                                         |
| Sump Depth (feet)               | :          | -                                          |       | Motor Application             | : | General Purpose                                              |
| Bearing Frame                   | :          | -                                          |       | Motor Options/Accessories     | : | -                                                            |
| Bearing Frame Foot              | :          | -                                          |       | Cord Length (feet)            | : | -                                                            |
| Bearing Type (Radial/Thrust)    | :          | In motor                                   |       |                               |   |                                                              |
| Bearing Lubrication             | :          | -                                          |       | Case                          | : | Cast Iron, ASTM A48 - Class 30                               |
| Thrust Bearing                  | :          | -                                          |       | Motor Bracket                 | : | Cast Iron, ASTM-A48, CL 30                                   |
| Intermediate Bearing            | :          | -                                          |       | Impeller                      | : | Stainless Steel, AISI-304 (H304)                             |
| Lower Bearing                   | :          | -                                          |       | Impeller Cap Screw and Washer | : | Stainless Steel, AISI-303                                    |
| Bearing Housing Accessories     | :          | -                                          |       | Impeller Key                  | : | Stainless Steel, AISI 316                                    |
| PACO Construction Code          | :          | 10N-30957-13000Y-2782P                     |       | Case wear ring                | : | Tin Bronze, ASTM B584-90500 (B18)                            |
|                                 |            |                                            |       | Impeller wear ring            | : | -                                                            |
| Baseplate                       | :          | Not Applicable                             |       | Pump Shaft                    | : | Steel, AISI-1040                                             |
| Drip Pan                        | :          | -                                          |       | Sleeve                        | : | Bronze, III932, C89835                                       |
| Coupling                        | :          | -                                          |       | Line Shaft                    | : | -                                                            |
| Guard                           | :          | Not Applicable                             |       | Column                        | : | -                                                            |
| Sealing Method                  | :          | Single Seal, Type 21S                      |       | Discharge Pipe                | : | -                                                            |
| Seal Material                   | :          | Buna Carbon Ceramic SS-Spring and Hardware |       | Discharge Elbow               | : | -                                                            |
| Packing Gland                   | :          | -                                          |       | Suction Elbow                 | : | -                                                            |
| Lantern Ring                    | :          | -                                          |       | Subplate                      | : | -                                                            |
| Recirculation Lines             | :          | None                                       |       | Hardware                      | : | Steel, Grade 5                                               |
|                                 |            |                                            |       | O Rings                       | : | Buna N                                                       |
| Pump                            | :          | 110.0 lb                                   |       | Pump Coatings                 | : | Scotchkote 134 (wetted cast iron parts, interior & exterior) |
| Baseplate                       | :          | -                                          |       |                               |   |                                                              |
| Driver                          | :          | 165.0 lb                                   |       |                               |   |                                                              |
| Estimated Shipping gross weight | :          | 275.0 lb                                   |       |                               |   |                                                              |

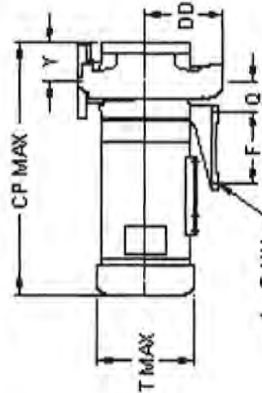


## General Arrangement

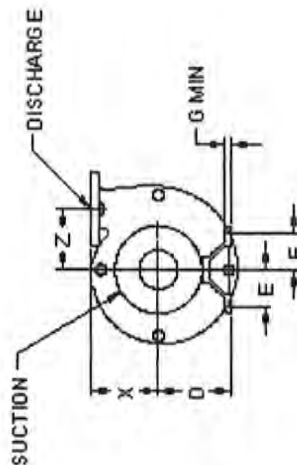
|                     |                      |                            |                              |
|---------------------|----------------------|----------------------------|------------------------------|
| Project name        | : FP251795           | Tag Number                 | : 002                        |
| Consulting engineer | :                    | Service                    | :                            |
| Customer            | :                    | Model                      | : 30957 LC                   |
| Customer ref. / PO  | :                    | Quantity of pumps          | : 1                          |
| Quote Number / ID   | : FP251792           | Grundfos Partner           | : Fluid Cooling Systems, LLC |
| Date last saved     | : 12/02/2025 1:11 PM | Quoted By (Sales Engineer) | : Bob Antaya                 |



PLAN



SIDE VIEW



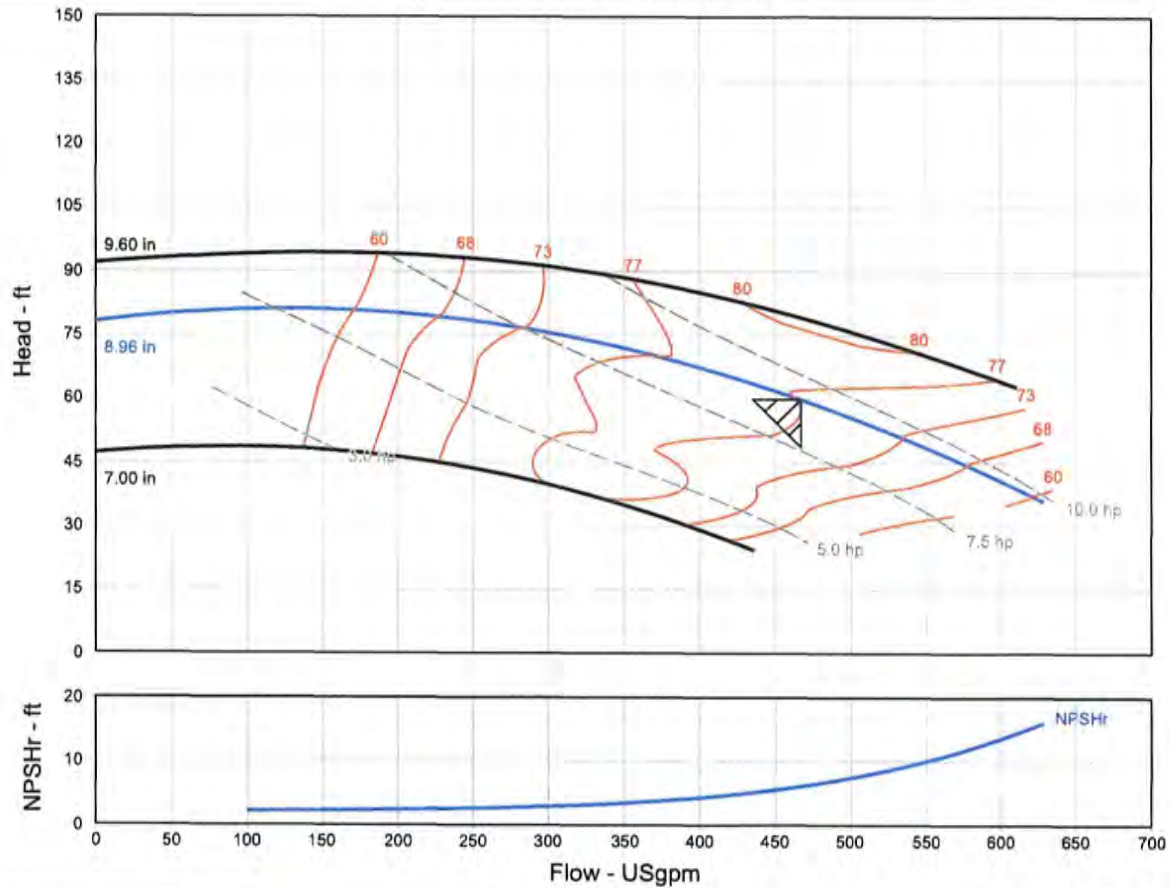
END VIEW

**NOT FOR CONSTRUCTION, UNLESS CERTIFIED AND REFERENCED ON ORDER**

| Units                 | Frame | Suct(in)           | Disch(in)  | CP            | D    | DD        | E    | F                | G    | HH   | Q    | T    | X    | Y    | Z    | Weight ea |                     |  |
|-----------------------|-------|--------------------|------------|---------------|------|-----------|------|------------------|------|------|------|------|------|------|------|-----------|---------------------|--|
| Inches                | 215JM | 4                  | 3          | 26.00         | 7.50 | 8.00      | 3.75 | 7.50             | 0.63 | 0.44 | 2.93 | 9.56 | 7.00 | 4.00 | 6.25 | 275.0     |                     |  |
| Conditions of Service |       |                    | Motor Data |               |      |           |      |                  |      |      |      |      |      |      |      |           |                     |  |
| Flow: 467.0 USgpm     |       | Fluid: Cold Water  |            | HP: 10        |      | End: TEFC |      | Phase: 3         |      |      |      |      |      |      |      |           | Efficiency: Premium |  |
| TDH: 60.00 ft         |       | Temp.: 68.00 deg F |            | RPM: 1775 rpm |      | Hz: 60    |      | Voltage: 230/460 |      |      |      |      |      |      |      |           | S.F.: 1.15          |  |



**Pump Performance Curve**



|                                     |   |                    |                                   |   |                           |
|-------------------------------------|---|--------------------|-----------------------------------|---|---------------------------|
| Customer                            | : |                    | Model                             | : | 30957 LC                  |
| Customer ref. / PO                  | : |                    | Stages                            | : | 1                         |
| Tag Number                          | : | 002                | Speed, rated                      | : | 1775 rpm                  |
| Service                             | : |                    | Based on curve number             | : | RC9908-1-SS Rev 0         |
| Quantity                            | : | 1                  | Efficiency                        | : | 76.88 %                   |
| Quote Number / ID                   | : | FP251792           | Rated power (based on duty point) | : | 9.20 hp                   |
| Date last saved                     | : | 12/02/2025 1:11 PM | NPSH required                     | : | 6.16 ft                   |
| Flow, rated                         | : | 467.0 USgpm        | Viscosity                         | : | 1.00 cP                   |
| Differential head / pressure, rated | : | 60.00 ft           | Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]  | : | 1.00 / 1.00 / 1.00 / 1.00 |
| Fluid density, rated / max          | : | 1.000 / 1.000 SG   | Impeller diameter, rated          | : | 8.96 in                   |
|                                     |   |                    | PEI (CL)                          | : | 0.99                      |
|                                     |   |                    | ER (CL)                           | : | 1                         |

## Contractor Provided Pumps



# 850 End-Suction Series Performance Data

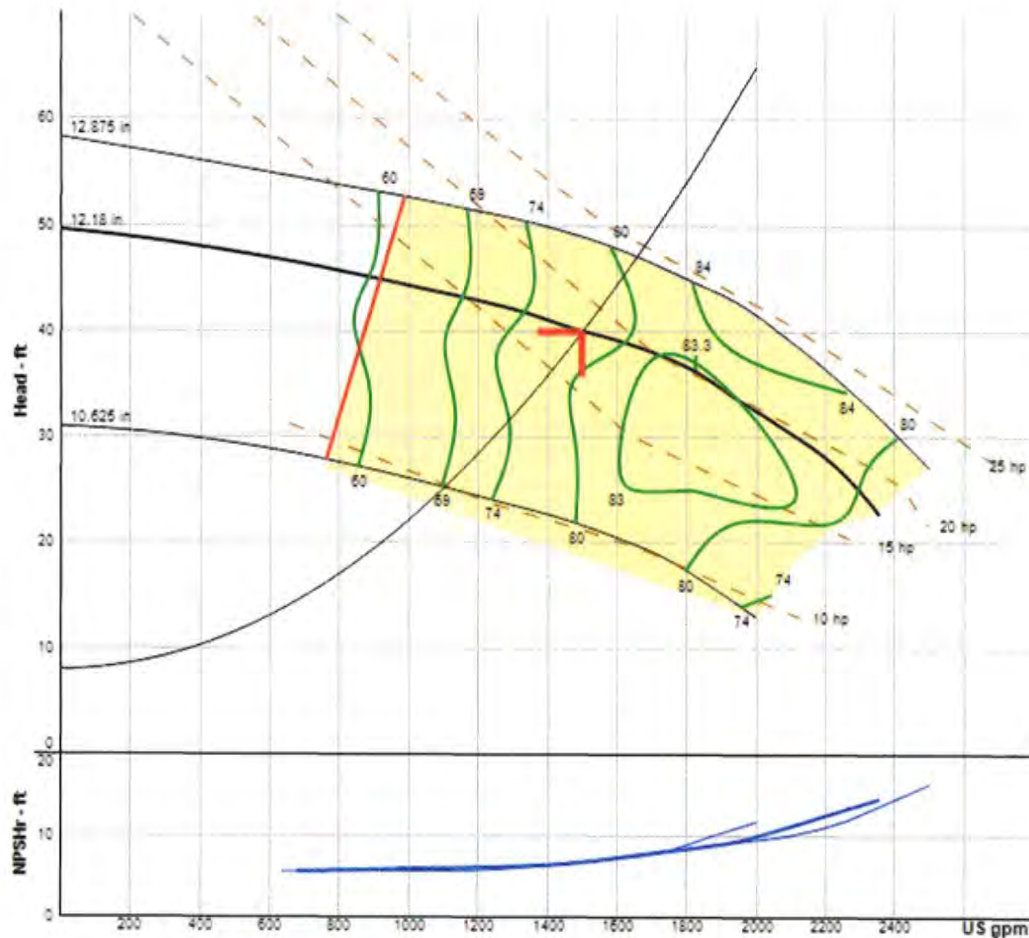


## Model 8x8-13

|                                 |
|---------------------------------|
| Project: HP Thompson Pool Pumps |
| Contact: Chris Kushner          |
| Company: Henry P. Thompson      |
| City: Cincinnati                |
| Region: Ohio                    |
| Country: UNITED STATES          |

|                       |
|-----------------------|
| Line Item Information |
| Date: 10/04/2026      |
| Quote #               |
| Tag: PP3 Pump         |
| Quantity: 1           |

|                                      |
|--------------------------------------|
| Submitted By: Chris Moerlein         |
| Company: Anderson Process            |
| City: Cleveland                      |
| Region: Ohio UNITED STATES           |
| Phone: 513-658-1551                  |
| eMail: cmoerlein@andersonprocess.com |



| Pump Details      |          |
|-------------------|----------|
| Model             | 8x8-13   |
| Suction           | 8 in     |
| Discharge         | 8 in     |
| Speed             | 1200 RPM |
| Impeller Diameter | 12.18 in |
| Ns                | ---      |
| Nss               | ---      |
| Curve             | B-129    |

| Fluid            |       |
|------------------|-------|
| Liquid           | Water |
| Viscosity        | 1.00  |
| Specific Gravity | 1     |
| Temperature      | 60 °F |
| Vapor Pressure   |       |

| Rated Point |           |
|-------------|-----------|
| Flow        | 1500 gpm  |
| Head        | 40.1 feet |
| Efficiency  | 78%       |
| Power       | 19.5 HP   |
| Speed       | 1150 RPM  |
| NPSHr       | 6.85 feet |

| Design Curve |                   |
|--------------|-------------------|
| Shutoff Head | 49.6 feet         |
| Min. Flow    | 857 gpm           |
| BEP          | 78% at 1824 gpm   |
| NOL Power    | 20 HP at 1824 gpm |

| Max Curve |                     |
|-----------|---------------------|
| Max Power | 24.4 HP at 1943 gpm |

| Motor           |                           |
|-----------------|---------------------------|
| Power           | 25 HP                     |
| Speed           | 1200 RPM                  |
| Frame           | 324T                      |
| Type            | NEMA                      |
| Enclosure       | TEFC                      |
| Sizing Criteria | Max power on design curve |

### Pump Selection Warnings



# 850 End-Suction Series Performance Data

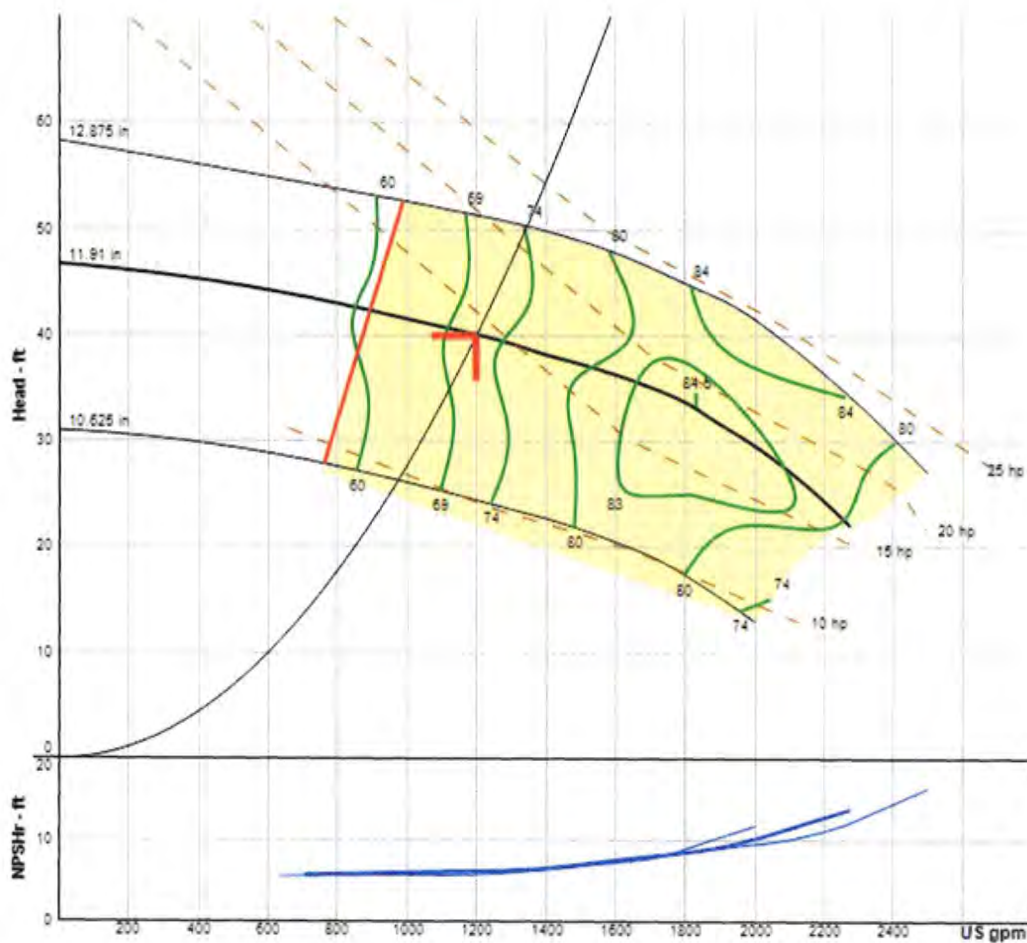


## Model 8x8-13

|                                 |
|---------------------------------|
| Project: HP Thompson Pool Pumps |
| Contact: Chris Kushner          |
| Company: Henry P. Thompson      |
| City: Cincinnati                |
| Region: Ohio                    |
| Country: UNITED STATES          |

|                       |
|-----------------------|
| Line Item Information |
| Date: 10/04/2026      |
| Quote #               |
| Tag: PP4              |
| Quantity: 1           |

|                                      |
|--------------------------------------|
| Submitted By: Chris Moerlein         |
| Company: Anderson Process            |
| City: Cleveland                      |
| Region: Ohio UNITED STATES           |
| Phone: 513-658-1551                  |
| eMail: cmoerlein@andersonprocess.com |



| Pump Details      |          |
|-------------------|----------|
| Model             | 8x8-13   |
| Suction           | 8 in     |
| Discharge         | 8 in     |
| Speed             | 1200 RPM |
| Impeller Diameter | 11.91 in |
| Ns                | ---      |
| Nss               | ---      |
| Curve             | B-129    |

| Fluid            |       |
|------------------|-------|
| Liquid           | Water |
| Viscosity        | 1.00  |
| Specific Gravity | 1     |
| Temperature      | 60 °F |
| Vapor Pressure   |       |

| Rated Point |           |
|-------------|-----------|
| Flow        | 1200 gpm  |
| Head        | 40.1 feet |
| Efficiency  | 72%       |
| Power       | 16.9 HP   |
| Speed       | 1150 RPM  |
| NPSHr       | 6.22 feet |

| Design Curve |                     |
|--------------|---------------------|
| Shutoff Head | 46.7 feet           |
| Min. Flow    | 860 gpm             |
| BEP          | 72% at 1831 gpm     |
| NOL Power    | 18.1 HP at 1831 gpm |

| Max Curve |                     |
|-----------|---------------------|
| Max Power | 24.4 HP at 1943 gpm |

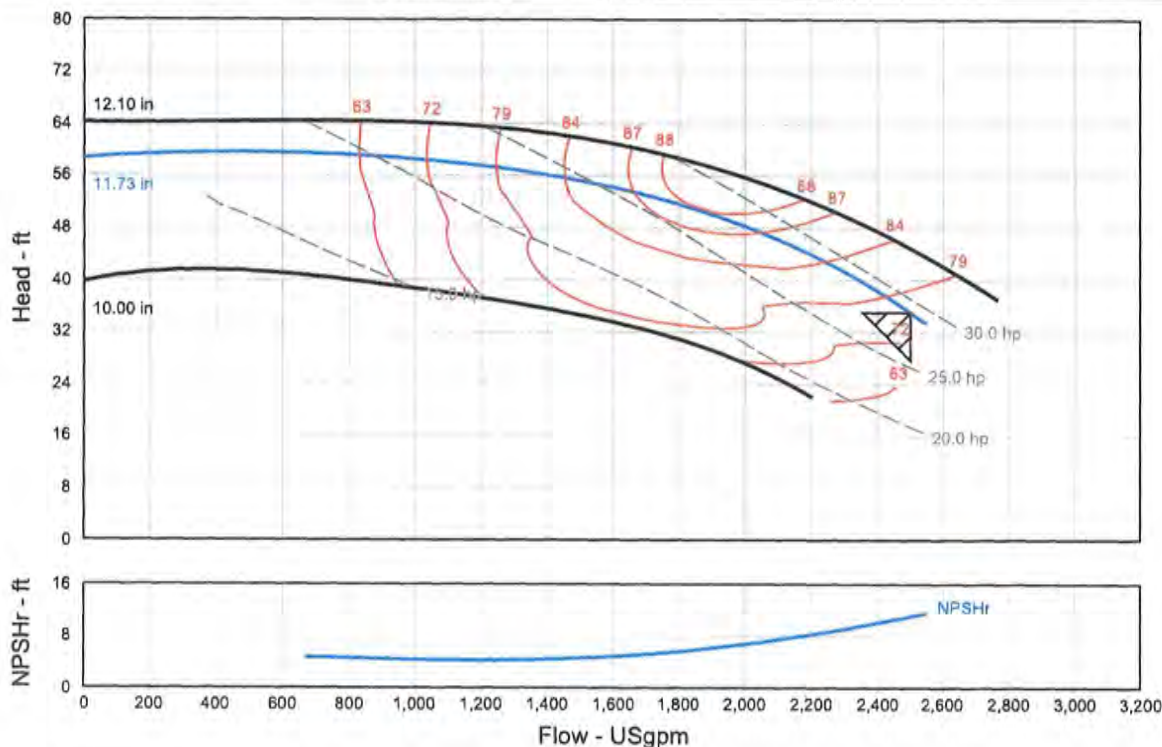
| Motor           |                           |
|-----------------|---------------------------|
| Power           | 20 HP                     |
| Speed           | 1200 RPM                  |
| Frame           | 286T                      |
| Type            | NEMA                      |
| Enclosure       | TEFC                      |
| Sizing Criteria | Max power on design curve |

### Pump Selection Warnings



**Pump Performance Datasheet**

|                                                 |   |                                  |                                               |   |                             |
|-------------------------------------------------|---|----------------------------------|-----------------------------------------------|---|-----------------------------|
| Customer                                        | : |                                  | Quote Number / ID                             | : | 2869976                     |
| Customer ref. / PO                              | : |                                  | Model                                         | : | 80123 LC                    |
| Tag Number                                      | : | 001                              | Stages                                        | : | 1                           |
| Service                                         | : |                                  | Based on curve number                         | : | RC1969-SS Rev 0             |
| Quantity                                        | : | 1                                | Basic model number                            | : | -                           |
|                                                 |   |                                  | Date last saved                               | : | 04/08/2026 4:47 PM          |
| <b>Operating Conditions</b>                     |   |                                  | <b>Liquid</b>                                 |   |                             |
| Flow, rated                                     | : | 2,500.0 USgpm                    | Liquid type                                   | : | Cold Water                  |
| Differential head / pressure, rated (requested) | : | 35.00 ft                         | Additional liquid description                 | : |                             |
| Differential head / pressure, rated (actual)    | : | 35.23 ft                         | Solids diameter, max                          | : | 0.00 in                     |
| Suction pressure, rated / max                   | : | 0.00 / 0.00 psi.g                | Solids concentration, by volume               | : | 0.00 %                      |
| NPSH available, rated                           | : | Ample                            | Temperature, max                              | : | 68.00 deg F                 |
| Site Supply Frequency                           | : | 60 Hz                            | Fluid density, rated / max                    | : | 1.000 / 1.000 SG            |
| <b>Performance</b>                              |   |                                  | Viscosity, rated                              | : | 1.00 cP                     |
| Speed, rated                                    | : | 1187 rpm                         | Vapor pressure, rated                         | : | 0.34 psi.a                  |
| Impeller diameter, rated                        | : | 11.73 in                         | <b>Material</b>                               |   |                             |
| Impeller diameter, maximum                      | : | 12.10 in                         | Material selected                             | : | Cast Iron                   |
| Impeller diameter, minimum                      | : | 10.00 in                         | <b>Pressure Data</b>                          |   |                             |
| Efficiency                                      | : | 76.32 %                          | Maximum working pressure                      | : | 25.79 psi.g                 |
| NPSH required / margin required                 | : | 11.04 / 0.00 ft                  | Maximum allowable working pressure            | : | 175.0 psi.g                 |
| Ns (imp. eye flow) / Nss (imp. eye flow)        | : | 2,568 / 12,881 US Units          | Maximum allowable suction pressure            | : | 175.0 psi.g                 |
| MCSF                                            | : | 637.8 USgpm                      | Hydrostatic test pressure                     | : | 263.0 psi.g                 |
| Head, maximum, rated diameter                   | : | 59.59 ft                         | <b>Driver &amp; Power Data (@Max density)</b> |   |                             |
| Head rise to shutoff                            | : | 67.67 %                          | Motor sizing specification                    | : | Max power (non-overloading) |
| Flow, best eff. point                           | : | 1,859.4 USgpm                    | Margin over specification                     | : | 0.00 %                      |
| Flow ratio, rated / BEP                         | : | 134.45 %                         | Service factor                                | : | 1.00                        |
| Diameter ratio (rated / max)                    | : | 96.94 %                          | Power, hydraulic                              | : | 22.09 hp                    |
| Head ratio (rated dia / max dia)                | : | 77.94 %                          | Rated power (based on duty point)             | : | 28.94 hp                    |
| Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]                | : | 1.00 / 1.00 / 1.00 / 1.00 / 1.34 | Max power (non-overloading)                   | : | 29.07 hp                    |
| Selection status                                | : | Acceptable                       | Nameplate motor rating                        | : | 30.00 hp / 22.37 kW         |
| <b>Energy Indexes</b>                           |   |                                  |                                               |   |                             |
| PEI (CL)                                        | : | Out of scope                     |                                               |   |                             |
| ER (CL)                                         | : | Out of scope                     |                                               |   |                             |



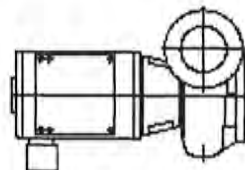
## Construction Datasheet

|                                 |  |                       |  |                                                                       |  |                                    |  |
|---------------------------------|--|-----------------------|--|-----------------------------------------------------------------------|--|------------------------------------|--|
| Project name                    |  | : Beachwood Pool Pump |  | Tag Number                                                            |  | : 001                              |  |
| Consulting engineer             |  | :                     |  | Service                                                               |  | :                                  |  |
| Customer                        |  | :                     |  | Model                                                                 |  | : 80123 LC                         |  |
| Customer ref. / PO              |  | :                     |  | Quantity                                                              |  | : 1                                |  |
| Quote Number / ID               |  | : 2869976             |  | Grundfos Partner                                                      |  | : Grundfos WU Water Utility (Muni) |  |
| Date last saved                 |  | : 04/08/2026 4:47 PM  |  | Sales & Support                                                       |  | : Soheb Momin                      |  |
| Quoted By (Sales Engineer)      |  | :                     |  | Quoted By (Sales Engineer)                                            |  | : Soheb Momin                      |  |
|                                 |  |                       |  |                                                                       |  |                                    |  |
| Nozzle                          |  | Size (in.)            |  | Nozzle Configuration                                                  |  | Pos'n                              |  |
| Suction                         |  | 10                    |  | 125# ANSI                                                             |  | End                                |  |
| Discharge                       |  | 8                     |  | 125# ANSI                                                             |  | Top                                |  |
| Orientation / Configuration     |  |                       |  | : Horizontal                                                          |  |                                    |  |
| Rotation                        |  |                       |  | : Clockwise                                                           |  |                                    |  |
| Wear Ring Configuration         |  |                       |  | : Single - Case                                                       |  |                                    |  |
| Discharge Elbow Size            |  |                       |  | : -                                                                   |  |                                    |  |
| Subplate                        |  |                       |  | : -                                                                   |  |                                    |  |
| Sump Depth (feet)               |  |                       |  | : -                                                                   |  |                                    |  |
| Bearing Frame                   |  |                       |  | : -                                                                   |  |                                    |  |
| Bearing Frame Foot              |  |                       |  | : -                                                                   |  |                                    |  |
| Bearing Type (Radial/Thrust)    |  |                       |  | : In motor                                                            |  |                                    |  |
| Bearing Lubrication             |  |                       |  | : -                                                                   |  |                                    |  |
| Thrust Bearing                  |  |                       |  | : -                                                                   |  |                                    |  |
| Intermediate Bearing            |  |                       |  | : -                                                                   |  |                                    |  |
| Lower Bearing                   |  |                       |  | : -                                                                   |  |                                    |  |
| Bearing Housing Accessories     |  |                       |  | : -                                                                   |  |                                    |  |
| PACO Construction Code          |  |                       |  | : 10-80123-15000Y-2883P                                               |  |                                    |  |
|                                 |  |                       |  |                                                                       |  |                                    |  |
| Baseplate                       |  |                       |  | : Not Applicable                                                      |  |                                    |  |
| Drip Pan                        |  |                       |  | : -                                                                   |  |                                    |  |
| Coupling                        |  |                       |  | : -                                                                   |  |                                    |  |
| Guard                           |  |                       |  | : Not Applicable                                                      |  |                                    |  |
|                                 |  |                       |  |                                                                       |  |                                    |  |
| Sealing Method                  |  |                       |  | : Single Seal, Type 21S                                               |  |                                    |  |
| Seal Material                   |  |                       |  | : Buna Carbon Ceramic SS-Spring and Hardware                          |  |                                    |  |
| Packing Gland                   |  |                       |  | : -                                                                   |  |                                    |  |
| Lantern Ring                    |  |                       |  | : -                                                                   |  |                                    |  |
| Recirculation Lines             |  |                       |  | : None                                                                |  |                                    |  |
|                                 |  |                       |  |                                                                       |  |                                    |  |
| Pump                            |  |                       |  | : 249.0 lb                                                            |  |                                    |  |
| Baseplate                       |  |                       |  | : -                                                                   |  |                                    |  |
| Driver                          |  |                       |  | : 692.0 lb                                                            |  |                                    |  |
| Estimated Shipping gross weight |  |                       |  | : 941.0 lb                                                            |  |                                    |  |
|                                 |  |                       |  |                                                                       |  |                                    |  |
| Manufacturer                    |  |                       |  | : Marathon                                                            |  |                                    |  |
| Frame Size                      |  |                       |  | : 326TCZ                                                              |  |                                    |  |
| Power                           |  |                       |  | : 30.00 hp                                                            |  |                                    |  |
| RPM                             |  |                       |  | : 1200 rpm                                                            |  |                                    |  |
| Enclosure                       |  |                       |  | : TEFC                                                                |  |                                    |  |
| Operating Power Supply          |  |                       |  | : 230/460/3/60                                                        |  |                                    |  |
| Efficiency                      |  |                       |  | : Premium                                                             |  |                                    |  |
| Service factor                  |  |                       |  | : 1.15                                                                |  |                                    |  |
| Motor Application               |  |                       |  | : General Purpose                                                     |  |                                    |  |
| Motor Options/Accessories       |  |                       |  | : -                                                                   |  |                                    |  |
| Cord Length (feet)              |  |                       |  | : -                                                                   |  |                                    |  |
|                                 |  |                       |  |                                                                       |  |                                    |  |
| Case                            |  |                       |  | : Cast Iron, ASTM A48 - Class 30                                      |  |                                    |  |
| Motor Bracket                   |  |                       |  | : Cast Iron, ASTM-A48, CL 30                                          |  |                                    |  |
| Impeller                        |  |                       |  | : Stainless Steel, AISI-304 (H304)                                    |  |                                    |  |
| Impeller Cap Screw and Washer   |  |                       |  | : Anodized Steel                                                      |  |                                    |  |
| Impeller Key                    |  |                       |  | : Stainless Steel, AISI 316                                           |  |                                    |  |
| Case wear ring                  |  |                       |  | : Tin Bronze, ASTM B584-90500 (B18)                                   |  |                                    |  |
| Impeller wear ring              |  |                       |  | : -                                                                   |  |                                    |  |
| Pump Shaft                      |  |                       |  | : Steel, AISI-1040                                                    |  |                                    |  |
| Sleeve                          |  |                       |  | : Bronze, III932, C89835                                              |  |                                    |  |
| Line Shaft                      |  |                       |  | : -                                                                   |  |                                    |  |
| Column                          |  |                       |  | : -                                                                   |  |                                    |  |
| Discharge Pipe                  |  |                       |  | : -                                                                   |  |                                    |  |
| Discharge Elbow                 |  |                       |  | : -                                                                   |  |                                    |  |
| Suction Elbow                   |  |                       |  | : -                                                                   |  |                                    |  |
| Subplate                        |  |                       |  | : -                                                                   |  |                                    |  |
| Hardware                        |  |                       |  | : Steel, Grade 5                                                      |  |                                    |  |
| O Rings                         |  |                       |  | : Buna N                                                              |  |                                    |  |
| Pump Coatings                   |  |                       |  | : Scotchkote 134 (wetted cast iron parts, interior, include Impeller) |  |                                    |  |

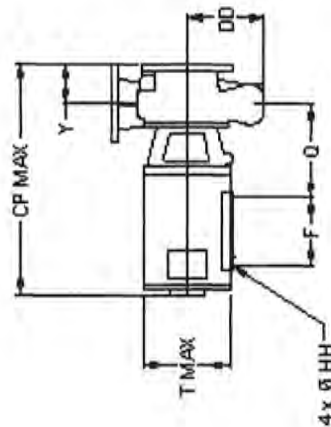


## General Arrangement

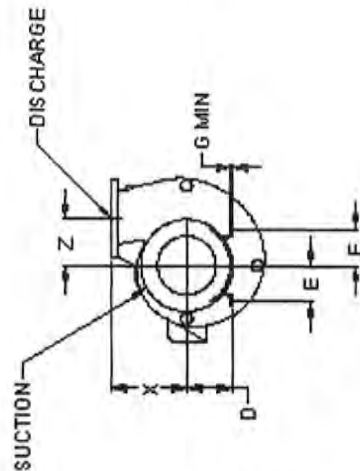
|                     |                       |                            |                                                   |
|---------------------|-----------------------|----------------------------|---------------------------------------------------|
| Project name        | : Beachwood Pool Pump | Tag Number                 | : 001                                             |
| Consulting engineer | :                     | Service                    | :                                                 |
| Customer            | :                     | Model                      | : 80123 LC                                        |
| Customer ref. / PO  | :                     | Quantity of pumps          | : 1                                               |
| Quote Number / ID   | : 2869976             | Grundfos Partner           | : Grundfos WU Water Utility (Mum) Sales & Support |
| Date last saved     | : 04/08/2026 4:47 PM  | Quoted By (Sales Engineer) | : Soheb Momin                                     |



PLAN



SIDE VIEW



END VIEW

**NOT FOR CONSTRUCTION, UNLESS CERTIFIED AND REFERENCED ON ORDER**

| Units                 | Frame  | Suct(in) | Disch(in) | CP    | D    | DD    | E    | F     | G    | HH                 | Q     | T             | X     | Y         | Z    | Weight ea        |  |  |                     |  |            |  |
|-----------------------|--------|----------|-----------|-------|------|-------|------|-------|------|--------------------|-------|---------------|-------|-----------|------|------------------|--|--|---------------------|--|------------|--|
| Inches                | 326TCZ | 10       | 8         | 42.00 | 8.00 | 13.38 | 6.25 | 12.00 | 0.31 | 0.66               | 16.06 | 15.13         | 13.00 | 7.03      | 8.00 | 941.0            |  |  |                     |  |            |  |
| Motor Data            |        |          |           |       |      |       |      |       |      |                    |       |               |       |           |      |                  |  |  |                     |  |            |  |
| Conditions of Service |        |          |           |       |      |       |      |       |      |                    |       |               |       |           |      |                  |  |  |                     |  |            |  |
| Flow: 2,500.0 USgpm   |        |          |           |       |      |       |      |       |      | Fluid: Cold Water  |       | HP: 30        |       | Enc: TEFC |      | Phase: 3         |  |  | Efficiency: Premium |  |            |  |
| TDH: 35.00 ft         |        |          |           |       |      |       |      |       |      | Temp.: 68.00 deg F |       | RPM: 1187 rpm |       | Hz: 60    |      | Voltage: 230/460 |  |  |                     |  | S.F.: 1.15 |  |

Grundfos Water Utility  
phone: : fax: : grundfos.com/us



## 850 End-Suction Series Performance Data

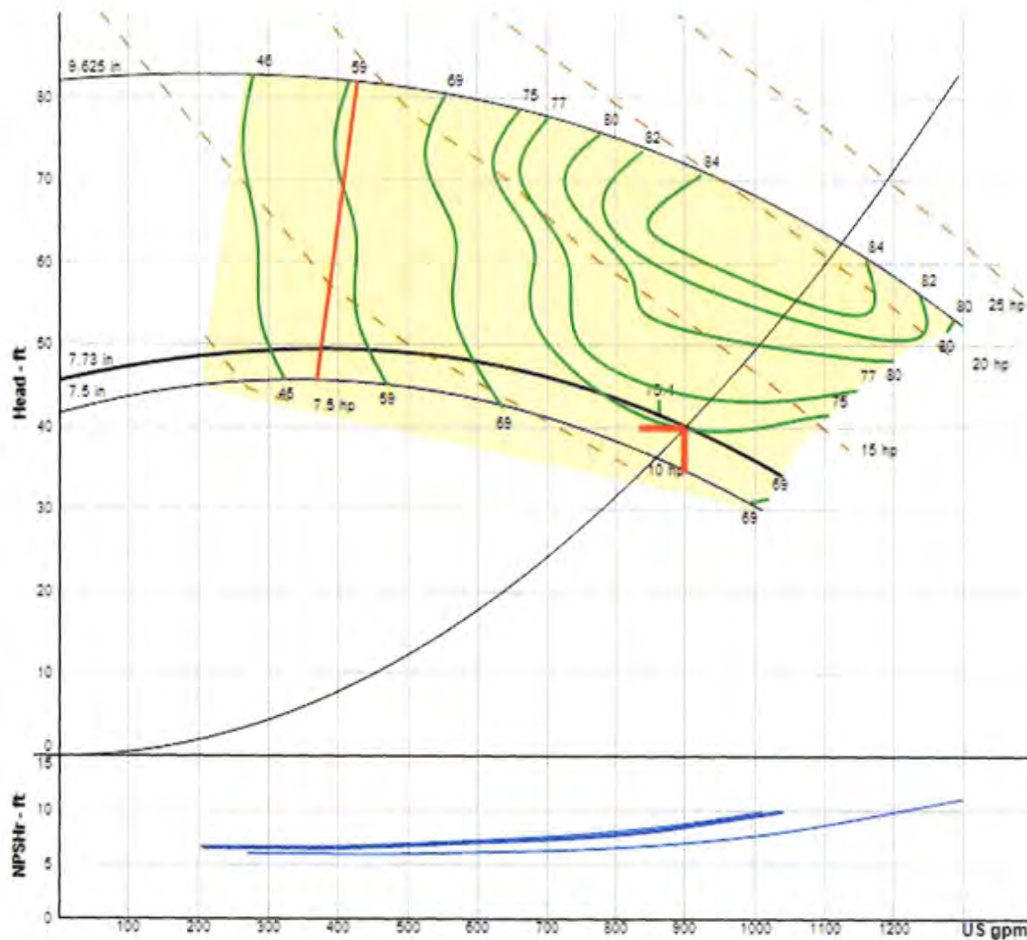


## Model 8x6-10

|                                 |
|---------------------------------|
| Project: HP Thompson Pool Pumps |
| Contact: Chris Kushner          |
| Company: Henry P. Thompson      |
| City: Cincinnati                |
| Region: Ohio                    |
| Country: UNITED STATES          |

|                       |
|-----------------------|
| Line Item Information |
| Date: 10/04/2026      |
| Quote #               |
| Tag: PP6              |
| Quantity: 1           |

Submitted By: Chris Moerlein  
Company: Anderson Process  
City: Cleveland  
Region: Ohio UNITED STATES  
Phone: 513-658-1551  
eMail: cmoerlein@andersonprocess.com



| Pump Details      |          |
|-------------------|----------|
| Model             | 8x6-10   |
| Suction           | 8 in     |
| Discharge         | 6 in     |
| Speed             | 1800 RPM |
| Impeller Diameter | 7.73 in  |
| Ns                | ---      |
| Nss               | ---      |
| Curve             | B-125    |

| Fluid            |       |
|------------------|-------|
| Liquid           | Water |
| Viscosity        | 1.00  |
| Specific Gravity | 1     |
| Temperature      | 60 °F |
| Vapor Pressure   |       |

| Rated Point |           |
|-------------|-----------|
| Flow        | 900 gpm   |
| Head        | 40.1 feet |
| Efficiency  | 75%       |
| Power       | 12.2 HP   |
| Speed       | 1760 RPM  |
| NPSHr       | 8.58 feet |

| Design Curve |                     |
|--------------|---------------------|
| Shutoff Head | 45.6 feet           |
| Min. Flow    | 362 gpm             |
| BEP          | 75% at 863 gpm      |
| NOL Power    | 12.7 HP at 1041 gpm |

|                  |                     |
|------------------|---------------------|
| <b>Max Curve</b> |                     |
| Max Power        | 21.6 HP at 1299 gpm |

| Motor           |                           |
|-----------------|---------------------------|
| Power           | 15 HP                     |
| Speed           | 1800 RPM                  |
| Frame           | 254T                      |
| Type            | NEMA                      |
| Enclosure       | TEFC                      |
| Sizing Criteria | Max power on design curve |

### Pump Selection Warnings



# 850 End-Suction Series Performance Data

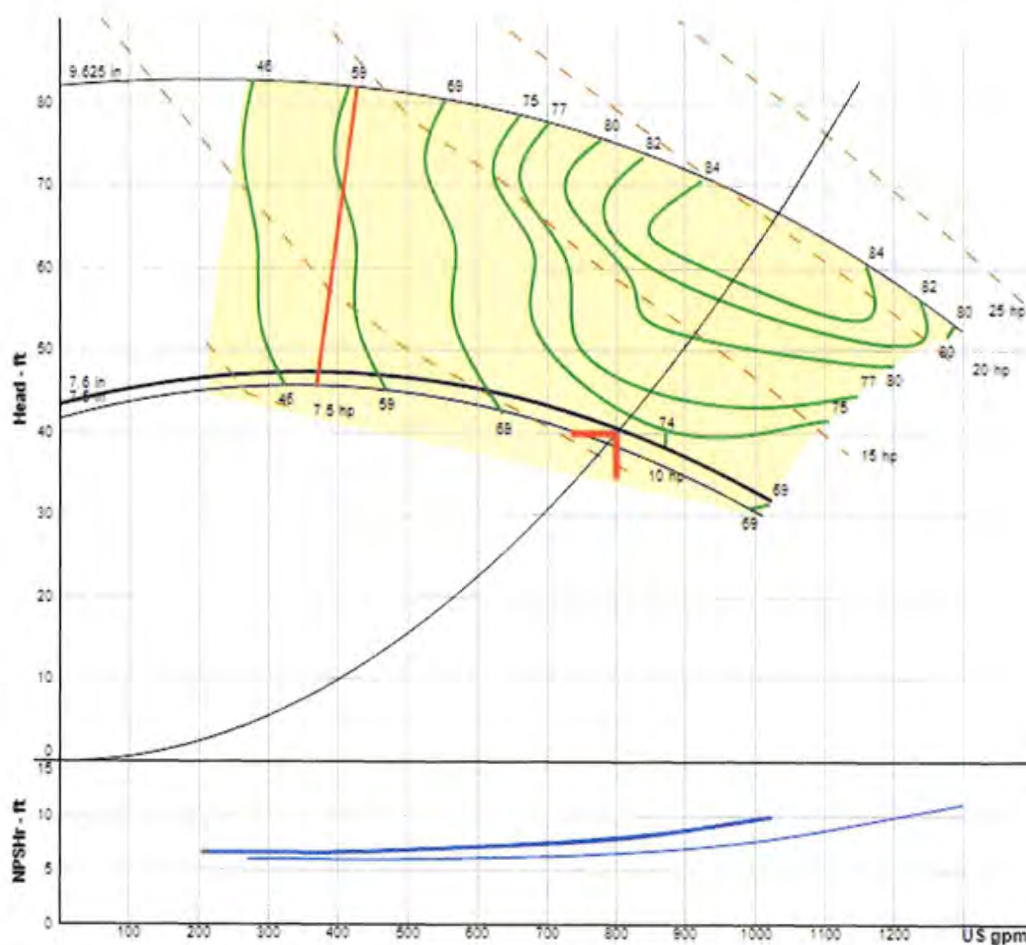


## Model 8x6-10

|                                 |
|---------------------------------|
| Project: HP Thompson Pool Pumps |
| Contact: Chris Kushner          |
| Company: Henry P. Thompson      |
| City: Cincinnati                |
| Region: Ohio                    |
| Country: UNITED STATES          |

|                       |
|-----------------------|
| Line Item Information |
| Date: 10/04/2026      |
| Quote #               |
| Tag: PP7              |
| Quantity: 1           |

|                                      |
|--------------------------------------|
| Submitted By: Chris Moerlein         |
| Company: Anderson Process            |
| City: Cleveland                      |
| Region: Ohio UNITED STATES           |
| Phone: 513-658-1551                  |
| eMail: cmoerlein@andersonprocess.com |



| Pump Details      |          |
|-------------------|----------|
| Model             | 8x6-10   |
| Suction           | 8 in     |
| Discharge         | 6 in     |
| Speed             | 1800 RPM |
| Impeller Diameter | 7.6 in   |
| Ns                | ---      |
| Nss               | ---      |
| Curve             | B-125    |

| Fluid            |       |
|------------------|-------|
| Liquid           | Water |
| Viscosity        | 1.00  |
| Specific Gravity | 1     |
| Temperature      | 60 °F |
| Vapor Pressure   |       |

| Rated Point |           |
|-------------|-----------|
| Flow        | 800 gpm   |
| Head        | 40.1 feet |
| Efficiency  | 73%       |
| Power       | 11 HP     |
| Speed       | 1760 RPM  |
| NPSHr       | 8.11 feet |

| Design Curve |                     |
|--------------|---------------------|
| Shutoff Head | 43.4 feet           |
| Min. Flow    | 366 gpm             |
| BEP          | 73% at 871 gpm      |
| NOL Power    | 11.9 HP at 1024 gpm |

| Max Curve |                     |
|-----------|---------------------|
| Max Power | 21.6 HP at 1299 gpm |

| Motor           |                           |
|-----------------|---------------------------|
| Power           | 15 HP                     |
| Speed           | 1800 RPM                  |
| Frame           | 254T                      |
| Type            | NEMA                      |
| Enclosure       | TEFC                      |
| Sizing Criteria | Max power on design curve |

### Pump Selection Warnings





# 850 End-Suction Series Performance Data

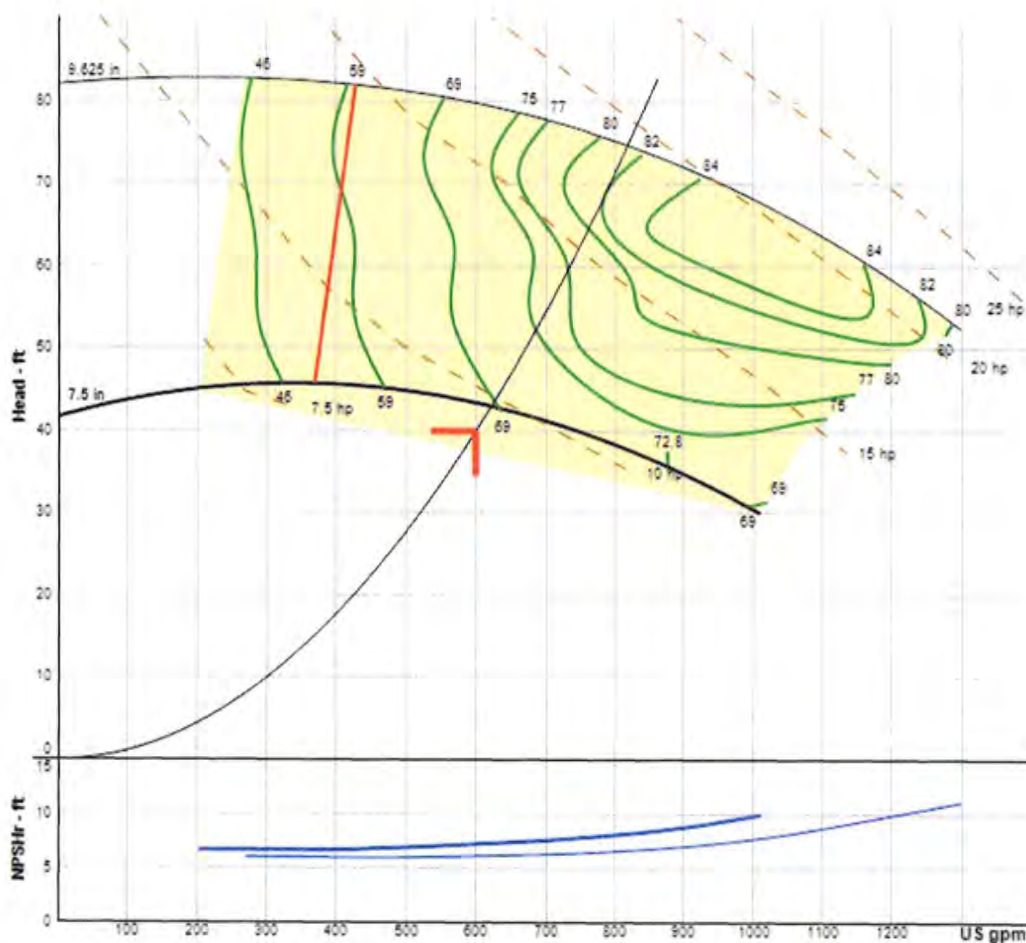


## Model 8x6-10

|                                 |
|---------------------------------|
| Project: HP Thompson Pool Pumps |
| Contact: Chris Kushner          |
| Company: Henry P. Thompson      |
| City: Cincinnati                |
| Region: Ohio                    |
| Country: UNITED STATES          |

|                       |
|-----------------------|
| Line Item Information |
| Date: 10/04/2026      |
| Quote #               |
| Tag: PP9              |
| Quantity: 1           |

|                                      |
|--------------------------------------|
| Submitted By: Chris Moerlein         |
| Company: Anderson Process            |
| City: Cleveland                      |
| Region: Ohio UNITED STATES           |
| Phone: 513-658-1551                  |
| eMail: cmoerlein@andersonprocess.com |



| Pump Details      |          |
|-------------------|----------|
| Model             | 8x6-10   |
| Suction           | 8 in     |
| Discharge         | 6 in     |
| Speed             | 1800 RPM |
| Impeller Diameter | 7.5 in   |
| Ns                | ---      |
| Nss               | ---      |
| Curve             | B-125    |

| Fluid            |       |
|------------------|-------|
| Liquid           | Water |
| Viscosity        | 1.00  |
| Specific Gravity | 1     |
| Temperature      | 60 °F |
| Vapor Pressure   |       |

| Rated Point |           |
|-------------|-----------|
| Flow        | 600 gpm   |
| Head        | 42.7 feet |
| Efficiency  | 67%       |
| Power       | 9.83 HP   |
| Speed       | 1760 RPM  |
| NPSHr       | 7.35 feet |

| Design Curve |                     |
|--------------|---------------------|
| Shutoff Head | 41.6 feet           |
| Min. Flow    | 368 gpm             |
| BEP          | 67% at 877 gpm      |
| NOL Power    | 11.2 HP at 1011 gpm |

| Max Curve |                     |
|-----------|---------------------|
| Max Power | 21.6 HP at 1299 gpm |

| Motor           |                           |
|-----------------|---------------------------|
| Power           | 15 HP                     |
| Speed           | 1800 RPM                  |
| Frame           | 254T                      |
| Type            | NEMA                      |
| Enclosure       | TEFC                      |
| Sizing Criteria | Max power on design curve |

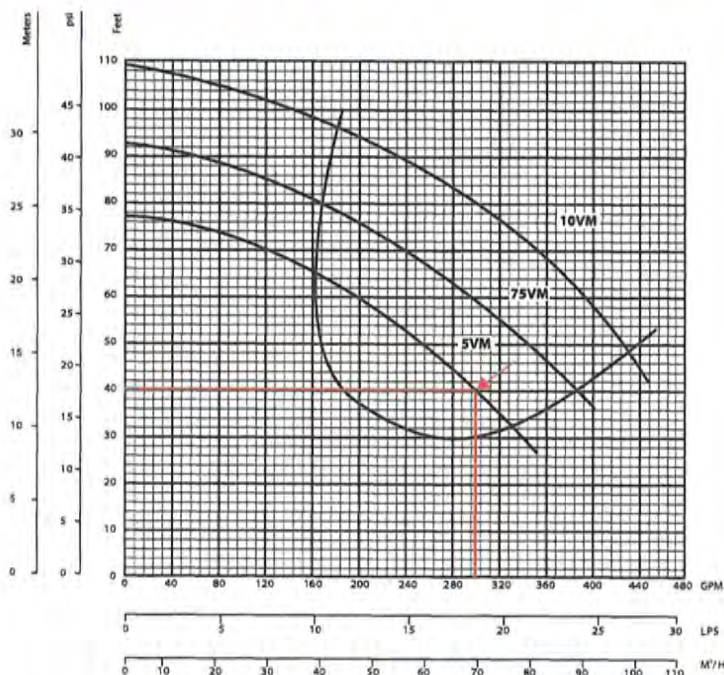
### Pump Selection Warnings

### FEATURES

- Double-volute casing allows rapid air-separation and water circulation during the priming cycle, and reduces the radial thrust on the impeller.
- Closed Impeller is mounted on the motor shaft and requires no adjustment to maintain performance.
- Mechanical shaft seal requires no attention and is ideal for continuous operation without supervision.
- The pump is available in either IRON (Series VMC) or BRONZE (Series VMB) construction.
- Flanged 4" suction and 3" discharge connections.



### PERFORMANCE CURVE



### ORDERING INFORMATION

| Model<br>CAST IRON | Model<br>BRONZE | HP    | Approx. Weight<br>lbs.      kg. |       |
|--------------------|-----------------|-------|---------------------------------|-------|
| 5VMC-S2            | 5VMB-S2         | 5     | 210                             | 95.3  |
| 75VMC-S2           | 75VMB-S2        | 7-1/2 | 230                             | 104.3 |
| 10VMC-S2           | 10VMB-S2        | 10    | 240                             | 108.9 |
| 5VMC-T             | 5VMB-T          | 5     | 190                             | 86.2  |
| 75VMC-T            | 75VMB-T         | 7-1/2 | 210                             | 95.3  |
| 10VMC-T            | 10VMB-T         | 10    | 240                             | 108.9 |
| 5VMC-T5            | 5VMB-T5         | 5     | 190                             | 86.2  |
| 75VMC-T5           | 75VMB-T5        | 7-1/2 | 210                             | 95.3  |
| 10VMC-T5           | 10VMB-T5        | 10    | 240                             | 108.9 |

Model S2= 230 volts, single phase

Model T= 208-230/460 volts, 3 phase

Model T5= 575 volts, 3 phase

#### NOTE:

Bronze fitted cast iron pump models available upon request.  
Bronze pumps are not suitable for salt water and fishpond applications.

Marine Bronze is available for salt water applications.

### PERFORMANCE DATA - 3450 RPM - 60 HERTZ

| Pump Model | IRON | BRONZE | HP    | KW   | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100 | Shut Off Head Feet |
|------------|------|--------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|
| 5VMC       |      | 5VMB   | 5     | 3.73 | 315 | 295 | 270 | 245 | 220 | 185 | 130 |     |     |     |     |     |     | 77                 |
| 75VMC      |      | 75VMB  | 7 1/2 | 5.59 |     |     | 365 | 345 | 320 | 295 | 270 | 245 | 195 | 145 |     |     |     | 92                 |
| 10VMC      |      | 10VMB  | 10    | 7.46 |     |     |     |     | 400 | 380 | 360 | 355 | 330 | 295 | 250 | 210 | 170 | 109                |



# Series VMC & VMB Self-priming Pumps

## ENGINEERS' SPECIFICATIONS



The pumping unit shall consist of a self-priming, single-suction, centrifugal pump with built-on hair and lint strainer, close-coupled to an electric motor.

The pump case, hair and lint strainer, impeller, and pump-motor bracket shall be machined from iron (Series VMC) or bronze (Series VMB) castings.

The pump case shall be of double-volute design for self-priming action and for keeping unbalanced radial thrust to a minimum. The pump case shall carry the discharge flange, and shall be fitted with a renewable bronze wear ring, to provide a running fit with the eye of the impeller. The hair and lint strainer shall be bolted to the pump case, and shall carry the suction flange. The stainless steel strainer basket shall be fabricated from wound wedge wire screen with perforated sheet bottom plate, and shall have a capacity of 225 cu.in. (3687 cm<sup>3</sup>) with an open area equal to eight times that of a 4 in. (102 mm) suction pipe. The strainer cover shall be of the quick-release type, and shall have an O-ring gasket.

The impeller shall be of the closed type with external radial vanes for keeping the axial thrust to a minimum. It shall be keyed and locked directly to the motor shaft.

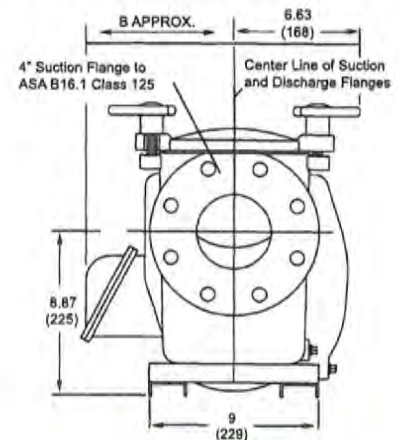
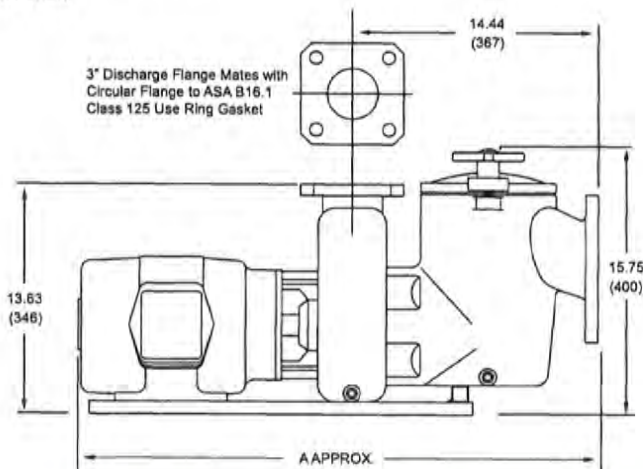
The pump-motor bracket shall incorporate the seal housing which shall have stationary diversion vanes to ensure a constant flow of fresh water past the seal. The 1.25 in. (32mm) dia. mechanical seal shall have stationary and rotating faces of ceramic and carbon respectively.

The motor shall be a .....H.P. (kW) close-coupled pump motor of CEMA Type JM (for 5VM and 75VM) or CEMA Type TCZ (for 10VM) with shaft extension and face mounting flange for attaching directly to the pump. It shall be suitable for .....volts, .....phase, 60 hertz power supply. The motor shall have mounting feet and drip-proof enclosure.

The pump-motor assembly shall be mounted on a structural steel base arranged for easy removal of the motor without disconnecting the pipework from the pump.

The pump shall be rated for.....US gpm (L/min) at .....feet T.D.H. (kPa) and shall not load the motor beyond service factor rating at any point on the performance curve. The suction and discharge shall have 4 in. (102 mm) and 3 in. (76 mm) flanged connections respectively, which shall mate with 125 lb/sq.in. (862 kPa) standard pipe flanges.

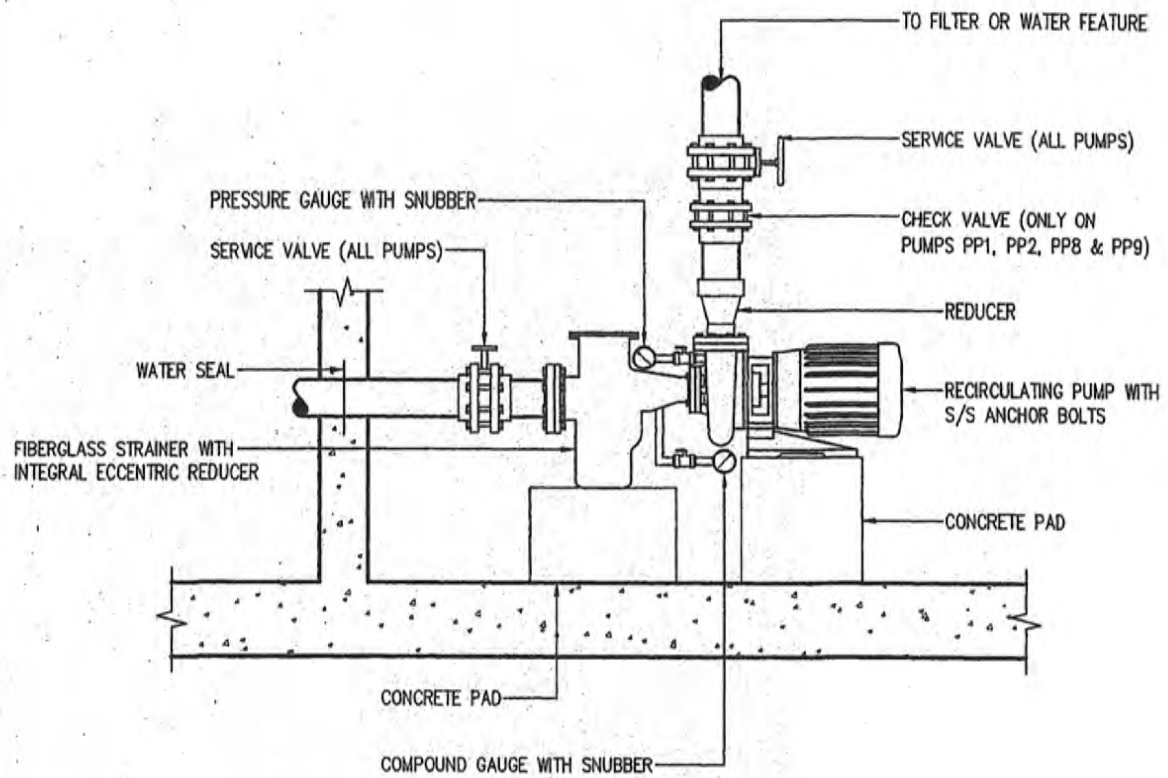
The pumping unit shall be VM Model ....., or approved equal.



| DIMENSIONAL & MOTOR INFORMATION |          |                      |      |            |             |       |       |                |                |             |     |             |     |                         |       |
|---------------------------------|----------|----------------------|------|------------|-------------|-------|-------|----------------|----------------|-------------|-----|-------------|-----|-------------------------|-------|
| Pump Model                      |          | Motor Details Rating |      | CEMA FRAME | Voltage     | Phase | Hertz | Service Factor | Full Load Amps | DIMENSION A |     | DIMENSION B |     | Approximate Ship Weight |       |
| IRON                            | BRONZE   | HP                   | KW   |            |             |       |       |                |                | inch        | mm  | inch        | mm  | lbs.                    | kg.   |
| 5VMC-S2                         | 5VMB-S2  | 5                    | 3.73 | 184JM      | 230         | 1     | 60    | 1.15           | 26             | 31.63       | 803 | 8.50        | 216 | 210                     | 95.3  |
| 75VMC-S2                        | 75VMB-S2 | 7 1/2                | 5.59 | 213TCZ     | 230         | 1     | 60    | 1.15           | 39             | 37.00       | 939 | 8.50        | 216 | 230                     | 104.3 |
| 10VMC-S2                        | 10VMB-S2 | 10                   | 7.46 | 215TCZ     | 230         | 1     | 60    | 1.15           | 42             | 37.00       | 939 | 8.13        | 206 | 240                     | 108.9 |
| 5VMC-T                          | 5VMB-T   | 5                    | 3.73 | 182JM      | 208-230/460 | 3     | 60    | 1.15           | 13.4-13.2/6.6  | 31.13       | 791 | 8.13        | 206 | 190                     | 86.2  |
| 75VMC-T                         | 75VMB-T  | 7 1/2                | 5.59 | 184JM      | 208-230/460 | 3     | 60    | 1.15           | 22.0-19.0/9.5  | 31.63       | 803 | 8.13        | 206 | 210                     | 95.3  |
| 10VMC-T                         | 10VMB-T  | 10                   | 7.46 | 213TCZ     | 208-230/460 | 3     | 60    | 1.15           | 29.0-27.0/13.5 | 37.00       | 939 | 8.13        | 206 | 240                     | 108.9 |
| 5VMC-T5                         | 5VMB-T5  | 5                    | 3.73 | 182JM      | 575         | 3     | 60    | 1.15           | 5.2            | 31.13       | 791 | 8.13        | 206 | 190                     | 86.2  |
| 75VMC-T5                        | 75VMB-T5 | 7 1/2                | 5.59 | 184JM      | 575         | 3     | 60    | 1.15           | 7.7            | 31.63       | 803 | 8.13        | 206 | 210                     | 95.3  |
| 10VMC-T5                        | 10VMB-T5 | 10                   | 7.46 | 213TCZ     | 575         | 3     | 60    | 1.15           | 10.2           | 37.00       | 939 | 8.13        | 206 | 240                     | 108.9 |

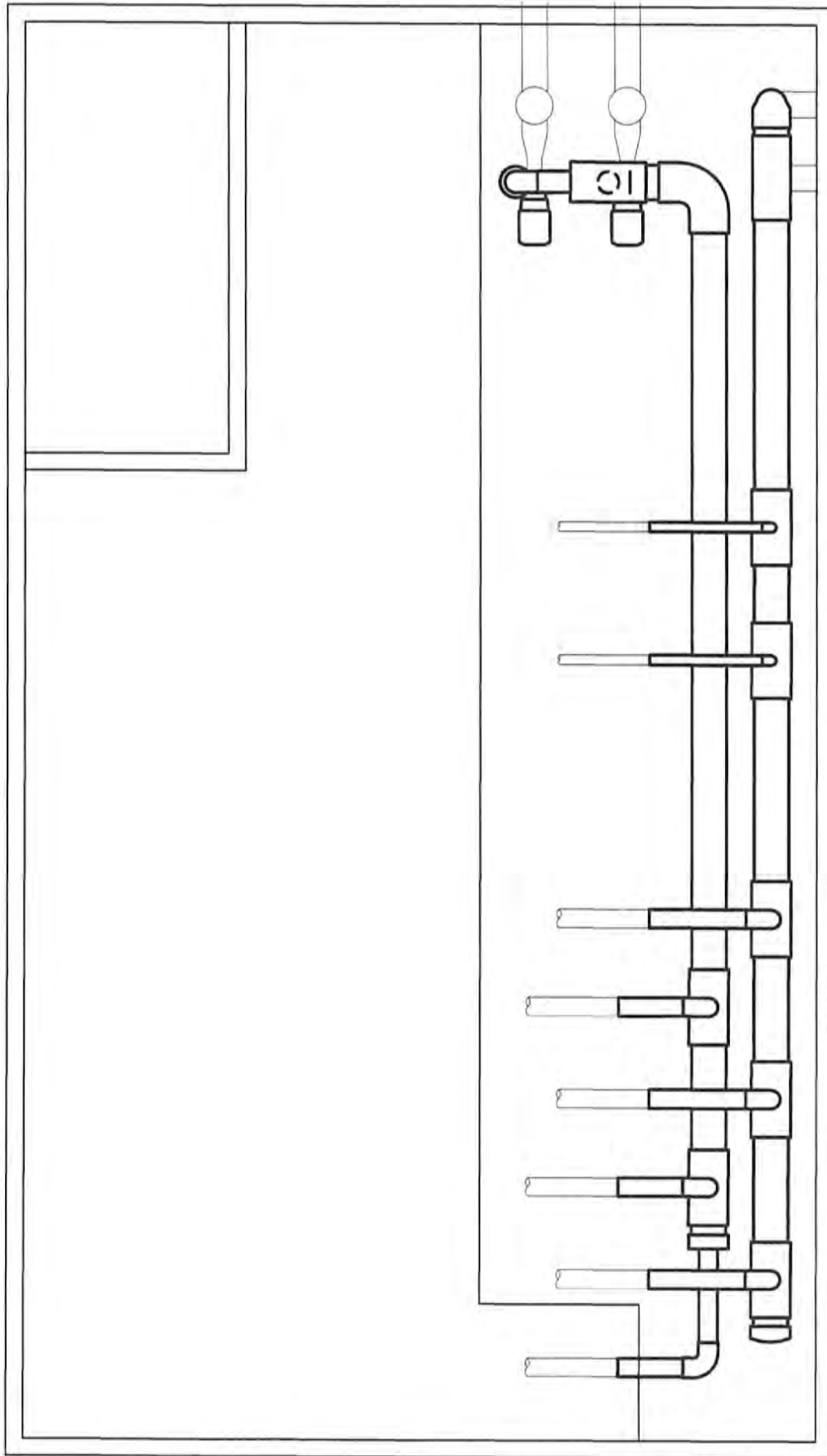
**THE VM PUMP CO. LTD.**  
CAMBRIDGE, ONTARIO  
phone: 519-740-9293 fax: 519-623-6015  
www.vmpumpcompany.com





1

TYP. PUMP DETAIL



Piping Replacement Extents

## SECTION 225100 - SWIMMING POOL PLUMBING SYSTEMS

### PART 1 - GENERAL

#### 1.1 SUMMARY

##### A. Section Includes:

1. Pool water piping.
2. Unions and flanges.
3. Pipe hangers and supports.
4. Pumps.

#### 1.2 REFERENCES

##### A. American Society of Mechanical Engineers:

1. ASME B16.18 - Cast Copper Alloy Solder Joint Pressure Fittings.
2. ASME B16.22 - Wrought Copper and Copper Alloy Solder Joint Pressure Fittings.
3. ASME B31.9 - Building Services Piping.
4. ASME Section VIII - Boiler and Pressure Vessel Code - Pressure Vessels.

##### B. ASTM International:

1. ASTM A36/A36M - Standard Specification for Carbon Structural Steel.
2. ASTM B584 - Standard Specification for Copper Alloy Sand Castings for General Applications.
3. ASTM D1785 - Standard Specification for (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120.
4. ASTM D2235 - Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings.
5. ASTM D2464 - Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80.
6. ASTM D2466 - Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.
7. ASTM D2467 - Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80.
8. ASTM D2564 - Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems.
9. ASTM D2661 - Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings.
10. ASTM D2846/D2846M - Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems.
11. ASTM D2855 - Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings.
12. ASTM F437 - Standard Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80.

13. ASTM F438 - Standard Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40.
14. ASTM F439 - Standard Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80.
15. ASTM F441/F441M - Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80.
16. ASTM F493 - Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings.
17. ASTM F708 - Standard Practice for Design and Installation of Rigid Pipe Hangers.
18. ASTM F1476 - Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications.

C. Manufacturers Standardization Society of the Valve and Fittings Industry:

1. MSS SP 58 - Pipe Hangers and Supports - Materials, Design and Manufacturer.
2. MSS SP 69 - Pipe Hangers and Supports - Selection and Application.

### 1.3 SUBMITTALS

- A. Manufacturer's installation instructions shall be provided along with product data.
- B. Shop Drawings: Indicate detailed assembly of components of each system or sub-system.
- C. Product Data:
  1. Piping: Submit data on pipe materials, fittings, and accessories. Submit manufacturer's catalog information.
  2. Hangers and Supports: Submit manufacturer's catalog information including load capacity.
- D. Manufacturer's Installation Instructions: Submit details, components assembly, and start-up procedures.
- E. Manufacturer's Certificate: Certify products meet or exceed specified requirements.
- F. Manufacturer's installation instructions shall be provided along with product data.

### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Accept equipment on Site in shipping containers with labeling in place. Inspect for damage.
- B. Protect equipment from damage and elements by maintaining shipping packaging in place until installation. Maintain temporary inlet and outlet caps in place until installation.
- C. The city of Beachwood will be keeping the pumps that are removed. The contractor shall store the removed pumps on site for pick up by the city.

## 1.5 FIELD MEASUREMENTS

- A. Verify field measurements prior to fabrication.

## 1.6 WARRANTY

- A. Provide 2 year warranty on all parts and labor.

## PART 2 - PRODUCTS

### 2.1 POOL WATER PIPING

- A. PVC Pipe: ASTM D1785 (Standard Specification for (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120), Schedule 80, polyvinyl chloride (PVC) material.
  - 1. Fittings: ASTM D2467, Schedule 80, PVC.
  - 2. Joints: ASTM D2855 (Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings), solvent weld with ASTM D2564 (Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems) solvent cement.
- B. Flanges for Pipe 2-1/2 Inches (65 mm) and Larger:
  - 1. PVC Piping: PVC flanges.
  - 2. Gaskets: 1/16-inch (1.6-mm) thick preformed neoprene gaskets.
- C. PVC Pipe Materials: For connections to equipment and valves with threaded connections, furnish solvent-weld socket to screwed joint adapters and unions, or ASTM D2464 (Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80), Schedule 80, threaded, PVC pipe.

### 2.2 PIPE HANGERS AND SUPPORTS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - 1. McMaster-Carr
  - 2. Metraflex Co.
  - 3. Panther Industries
  - 4. Approved equivalent.
- B. Hangers for Cold Pipe Sizes 2 Inches (50 mm) and Larger: Stainless steel, adjustable, clevis.
- C. Multiple or Trapeze Hangers: Steel channels with welded spacers and hanger rods.
- D. Multiple or Trapeze Hangers for Hot Pipe Sizes 6 Inches (150 mm) and Larger: Steel channels with welded spacers and hanger rods, stainless steel roll.



- E. Wall Support for Hot Pipe Sizes 6 Inches (150 mm) and Larger: Stainless steel channels with stainless steel bolts and stainless steel clamp with adjustable stainless steel yoke and roller.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Verify excavations, equipment supports and pipe hanger inserts.

#### 3.2 INSTALLATION - HANGERS AND SUPPORTS

- A. Inserts:

1. Provide inserts for placement in concrete forms.
2. Provide inserts for suspending hangers from reinforced concrete slabs and sides of reinforced concrete beams.
3. Provide hooked rod to concrete reinforcement section for inserts carrying pipe 4 inches (100 mm) and larger.
4. Where concrete slabs form finished ceiling, locate inserts flush with slab surface.

- B. Pipe Hangers and Supports:

1. Install according to ASME B31.9 And ASTM F708.
2. Support horizontal piping as schedule.
3. Install hangers to provide minimum 1/2 inch (15 mm) space between finished covering and adjacent work.
4. Place hangers within 12 inches (300 mm) of each horizontal elbow.
5. Use hangers with 1-1/2 inches (40 mm) minimum vertical adjustment. Design hangers for pipe movement without disengagement of supported pipe.
6. Support vertical piping at every floor. Support riser piping independently of connected horizontal piping.
7. Where piping is installed in parallel and at same elevation, provide multiple pipe or trapeze hangers.
8. Prime coat exposed steel hangers and supports.

#### 3.3 INSTALLATION - ABOVE GROUND PIPING SYSTEMS

- A. Install piping to conserve building space, not interfere with use of space and other work.
- B. Route piping in orderly manner and maintain gradient.
- C. Group whenever practical at common elevations.
- D. Install piping to allow for expansion and contraction without stressing pipe, joints, or connected equipment. Provide access to valves and fittings.
- E. Install flanges at valves and at equipment or apparatus connections.

- F. Install piping according to ASME B31.9 (Building Services Piping).
- G. Provide access for all valves and fittings.
- H. Slope piping and arrange systems to drain at low points.
- I. Where pipe support members are welded to structural building framing, scrape, brush clean, and apply one coat of zinc rich primer to welds.

#### 3.4 INSTALLATION - PUMPS

- A. Install pumps on concrete housekeeping pad minimum 3-1/2 inches (87 mm) high and 6 inches (150 mm) wider than equipment base on each side.
- B. Provide air cock and drain connection on horizontal pump casings.
- C. Provide line sized valve and basket strainer on suction and line sized soft seated check valve and isolation valve on discharge.
- D. Decrease from line size, with long radius reducing elbows or reducers. Support piping adjacent to pump independently of pump casings. Install supports under elbows on pump suction and discharge line sizes 4 inches (100 mm) and larger.

#### 3.5 FIELD QUALITY CONTROL

- A. Test swimming pool piping systems according to ASME B31.9.
- B. Test swimming pool piping systems according to applicable code. Ensure no leaks under operating conditions.

#### 3.6 SCHEDULES

##### A. Pipe Hanger Spacing:

##### 1. Pipe Material: PVC

- a. Pipe Size 4 inch (100 mm).
  - 1) Maximum Hanger Spacing: 4 feet (1.2 m).
  - 2) Hanger Rod Diameter: 5/8 inch (15 mm).
- b. Pipe Size 6 inch (150 mm).
  - 1) Maximum Hanger Spacing: 4 feet (1.2 m).
  - 2) Hanger Rod Diameter: 3/4 inch (19 mm).
- c. Pipe Size 8 inch (200 mm).

- 1) Maximum Hanger Spacing: 4 feet (1.2 m).
- 2) Hanger Rod Diameter: 3/4 inch (19 mm).
- d. Pipe Size 10 inch (250 mm).
  - 1) Maximum Hanger Spacing: 4 feet (1.2 m).
  - 2) Hanger Rod Diameter: 7/8 inch (22 mm).
- e. Pipe Size 12 inch (300 mm).
  - 1) Maximum Hanger Spacing: 4 feet (1.2 m).
  - 2) Hanger Rod Diameter: 7/8 inch (22 mm).
- f. Pipe Size 14 inch.
  - 1) Maximum Hanger Spacing: 4 feet (1.2 m).
  - 2) Hanger Rod Diameter: 7/8 inch (22 mm).
- g. Pipe Size 16 inch.
  - 1) Maximum Hanger Spacing: 4 feet (1.2 m).
  - 2) Hanger Rod Diameter: 7/8 inch (22 mm).

END OF SECTION 225100

### **Agreement Relative to Separate Consideration for Incorporation of Tangible Personal Property**

The undersigned, a bidder on the above described project, hereby agrees that the contract to be entered into in the event its bid is accepted for the above described project, is "a construction contract pursuant to which tangible personal property is or is to be incorporated into a structure or improvement on and becoming a part of real property" and Contractor further agrees that "the consideration for such incorporation" is agreed upon "separately from the consideration for the performance of the other obligations of such construction contract, and that such "incorporation" shall constitute a sale of such tangible personal property to the CITY OF BEACHWOOD, OHIO as provided in Section 5739.01 et. seq. of the Revised Code of Ohio.

It is further agreed and understood that this agreement shall, for the purposes of said laws above mentioned, be considered as a part of the bid or offer of the undersigned and if the CITY OF BEACHWOOD, OHIO should award the contract to the undersigned, that this agreement shall be and hereby is made a part of the bid and/or contract of the undersigned for the purposes of the said laws.

For the purpose of the said section of the Revised Code above mentioned, the consideration to be paid for the performance of the contract of the above described project is divided, as follows:

1. CONSIDERATION FOR MATERIALS (MATERIAL incorporated into a structure or improvement on and becoming a part of real property)

\$ 186,063.53

2. CONSIDERATION FOR OTHER OBLIGATIONS (For other obligations of such construction contract)

\$ 134,591.47

The figure set down as the total must correspond with the total set down in the bid which accompanies this supplemental agreement, and the bidder in submitting this figure shall be subject to the same rules and regulations with respect to mistakes in extensions and additions as are provided in the case of totals set forth by the bidder in his bid; namely, that mistakes in additions or extensions will be corrected and the totals corrected accordingly, but the same proportion will be maintained in the division above set forth between the Consideration for Materials and Consideration for other Obligations.



(Mike Griffin, VP of Operations)

Signature of bidder



**STATEMENT REGARDING PERSONAL PROPERTY TAXES**

I, Mike Griffin, Vice President of Operations  
(Name) (Owner, President, Etc.)

of Nerone & Sons, Inc. do hereby certify that this firm or person  
is not delinquent in the filing and/or payment of  
personal property taxes in Cuyahoga  
(insert is or is not)  
County.

(If the answer is in the affirmative, please submit a statement listing the year or years  
of delinquency and the amounts).

Signed 

Name of Firm Nerone & Sons, Inc.

Address 19501 S. Miles Road, Ste. 1  
Warrensville Heights, Ohio 44128

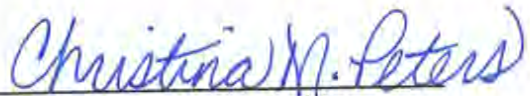
Telephone (216) 662-2235

State of Ohio       )  
                              ) SS  
County of Cuyahoga)

Sworn to and subscribed in my presence this 25<sup>th</sup> day of June, 2026

(Notary Seal)



  
Notary Public

Note: Statement Regarding Personal Property Taxes in Cuyahoga County.

If the business is not located in Cuyahoga County, please add a brief explanation to the above statement to the effect that no taxes are  
owned to Cuyahoga County (if such is the case), or to the County in which the business is located.



**INFORMATION SHOWING QUALIFICATIONS  
OF BIDDER**

The undersigned states that the names and addresses of persons interested as principals in this proposal are as follows: If a partnership, LLC or corporation, give the names and addresses of all partners, members or officers:

|                                              |                                                    |
|----------------------------------------------|----------------------------------------------------|
| <u>Tom Nerone, President</u>                 | <u>324 W. Edinburg, Highland Hts., OH 44143</u>    |
| <u>Carl Nerone, Vice President</u>           | <u>6757 Seneca Rd., Mayfield Village, OH 44143</u> |
| <u>Mike Griffin, VP of Operations</u>        | <u>12305 Butternut Rd., Newbury, OH 44065</u>      |
| <u>Marianne DeLauro, Sec./Treasurer, CFO</u> | <u>5903 Blakely Dr., Highland Hts., OH 44143</u>   |

If bidder is a corporation or LCC, bidder states that the name of state in which incorporated or constituted and the date of said incorporation or constitution is:

Ohio

The undersigned states that they are citizen(s) of the United States and that all the partners, officers, or principals interested herein are citizens of the United States, except: (Give full name and addresses):

|            |            |
|------------|------------|
| <u>N/A</u> | <u>N/A</u> |
| <u>N/A</u> | <u>N/A</u> |

The undersigned offers the following information relative to the facilities, ability and financial resources available for the fulfillment of the Contract if such be awarded to him.

**FACILITIES:** That he or they own and have available for immediate use on the proposed work the following plant and equipment:

Please see attached Equipment List

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Nerone Sons, Inc. Equipment List

| Equipment Number | Description                     | Category  |
|------------------|---------------------------------|-----------|
| C-BH-01          | 1994 CAT 426B Backhoe           | BACKHOE   |
| C-BH-02          | 1994 CAT 426B Backhoe           | BACKHOE   |
| C-BH-03          | 2001 CAT 420D Backhoe           | BACKHOE   |
| C-CO-01          | 1994 CAT 815B Compactor         | COMPACTOR |
| C-CR-02          | 1985 Grove AP308 Crane          | CRANE     |
| C-CR-03          | 2005 Grove RT760E Crane         | CRANE     |
| C-CR-04          | 1994 Broderson IC802D Crane     | CRANE     |
| C-CR-06          | 2008 Linkbelt RTC-8065 II Crane | CRANE     |
| C-DZ-01          | 1989 Dresser TD15E Dozer        | DOZER     |
| C-DZ-02          | 1996 CAT D6H DS LGP II Dozer    | DOZER     |
| C-DZ-03          | 2000 CAT D6R-XL Dozer           | DOZER     |
| C-DZ-04          | 2000 CAT D5C LGP Dozer          | DOZER     |
| C-DZ-05          | 1993 CAT D3C LGP II Dozer       | DOZER     |
| C-DZ-06          | 1996 CAT D5M-XL Dozer           | DOZER     |
| C-DZ-07          | 2006 CAT D5G LGP Dozer          | DOZER     |
| C-DZ-08          | 2013 CAT D6N DS LGP Dozer       | DOZER     |
| C-EX-01          | 1986 Linkbelt 5800A Excavator   | EXCAVATOR |
| C-EX-09          | 1998 Kobelco SK270LC IV Excava  | EXCAVATOR |
| C-EX-10          | 2003 Komatsu PC138USLC-2 Excav  | EXCAVATOR |
| C-EX-15          | 2005 Komatsu PC300LC-7 Excavat  | EXCAVATOR |
| C-EX-16          | 2006 Komatsu PC400LC-7 Excavat  | EXCAVATOR |
| C-EX-17          | 2011 Komatsu PC88MR-8 Excavato  | EXCAVATOR |
| C-EX-18          | 2011 CAT 304D DCA1 Excavator    | EXCAVATOR |
| C-EX-19          | 2011 Komatsu PC138USLC-8 Excav  | EXCAVATOR |
| C-EX-21          | 2011 Komatsu PC138USLC-8 Excav  | EXCAVATOR |
| C-EX-22          | 2009 Komatsu PC138USLC-8 Excav  | EXCAVATOR |
| C-EX-23          | 2013 Komatsu PC88MR-8 Excavato  | EXCAVATOR |
| C-EX-24          | 2014 Komatsu PC228USLC-10 Exca  | EXCAVATOR |
| C-EX-25          | 2017 Komatsu PC35MR-5 Excavato  | EXCAVATOR |
| C-EX-26          | 2015 Komatsu PC228USLC-10 Exca  | EXCAVATOR |
| C-EX-27          | 2013 Komatsu PC800LC-8 Excavat  | EXCAVATOR |
| C-EX-29          | 2019 Kobelco SK230SRLC-5 Excav  | EXCAVATOR |
| C-EX-30          | 2020 Komatsu PC35MR-5 Excavato  | EXCAVATOR |
| C-EX-31          | 2020 Komatsu PC35MR-5 Excavato  | EXCAVATOR |
| C-EX-32          | 2018 Komatsu PC360LC-11         | EXCAVATOR |
| C-GPS-01         | 2022 Trimble GPS                | GPS       |
| C-GPS-02         | 2011 Trimble GPS                | GPS       |
| C-GPS-03         | 2022 Trimble GPS                | GPS       |
| C-GPS-04         | 2022 Nikon N 2" TST             | GPS       |
| C-L-01           | 1989 John Deere 644E Loader     | LOADER    |
| C-L-04           | 2006 Komatsu WA320-5L Loader    | LOADER    |
| C-L-06           | 2011 Komatsu WA320-6L Loader    | LOADER    |
| C-LT-01          | 2001 Hyster H65XM Forklift      | FORK LIFT |

## Nerone Sons, Inc. Equipment List

|         |                                |                |
|---------|--------------------------------|----------------|
| C-LT-02 | 2000 CAT GC15K Forklift        | FORK LIFT      |
| C-LT-04 | 1988 Toyota 3FGC15 Forklift    | FORK LIFT      |
| C-LT-06 | 1998 Mitsubishi FG25 Forklift  | FORK LIFT      |
| C-ML-01 | 2006 Snorkel TB50 Manlift      | MANLIFT        |
| C-ML-02 | 2006 Skyjack SJ8831E Manlift   | MANLIFT        |
| C-ML-03 | 2006 Skyjack SJ8831E Manlift   | MANLIFT        |
| C-ML-04 | 2001 JLG 3246E2 Manlift        | MANLIFT        |
| C-ML-05 | 2006 Snorkel TB60 Manlift      | MANLIFT        |
| C-OD-01 | 1989 Moxy 6227B Offroad Dump   | OFFROAD DUMP   |
| C-OD-02 | 2008 Moxy MT36 Offroad Dump    | OFFROAD DUMP   |
| C-OD-03 | 2006 Moxy MT41 Offroad Dump    | OFFROAD DUMP   |
| C-OD-04 | 2006 Moxy MT41 Offroad Dump    | OFFROAD DUMP   |
| C-OD-05 | 2006 Moxy MT41 Offroad Dump    | OFFROAD DUMP   |
| C-RL-01 | 1994 Dynapac CA251D Roller     | ROLLER         |
| C-RL-02 | 1994 CAT CS563 Roller          | ROLLER         |
| C-RL-03 | 2007 Wacker RD12A Vibratory Ro | ROLLER         |
| C-RL-04 | 2003 Dynapac CA250D Roller     | ROLLER         |
| C-SC-01 | 1999 Finlay 590 Screen         | SCREEN         |
| C-SS-04 | 2010 CAT 279C Skidsteer        | SKIDSTEER      |
| C-SS-05 | 2014 CAT 262D Skidsteer        | SKIDSTEER      |
| C-SS-06 | 2019 Bobcat T650 T4 Skidsteer  | SKIDSTEER      |
| C-SS-07 | 2014 Bobcat T650 Skidsteer     | SKIDSTEER      |
| C-TR-01 | Trench Box 24'x8'x6" Double    | TRENCH BOX     |
| C-TR-02 | Trench Box 16'x8'x4" Double    | TRENCH BOX     |
| E-AB-01 | (GPS Power Supply w/ Arrow)    | ARROW BOARD    |
| E-AB-02 | (GPS Power Supply w/o Arrow)   | ARROW BOARD    |
| E-AB-03 | 1989 Dietz Arrow Board         | ARROW BOARD    |
| E-AB-04 | 2010 Wanco Arrow Board         | ARROW BOARD    |
| E-AB-05 | 2020 Arrowmaster M90 Arrow Brd | ARROW BOARD    |
| E-AC-01 | 1989 Air Compressor            | AIR COMPRESSOR |
| E-AC-02 | 1989 Air Compressor            | AIR COMPRESSOR |
| E-AC-03 | 2008 Sullivan D185Q11JD Air Co | AIR COMPRESSOR |
| E-AC-04 | 2008 Sullivan D185Q11JD Air Co | AIR COMPRESSOR |
| E-AC-05 | 1986 Gardner-Denver Air Comp   | AIR COMPRESSOR |
| E-AT-02 | 2011 Rockland H23 PC228 Grappl | EX ACCESSORY   |
| E-AT-03 | 2018 LaBounty HDR170QC PC800 G | EX ACCESSORY   |
| E-AT-04 | 2019 Kinshofer C35V-80 SK230 C | EX ACCESSORY   |
| E-AT-05 | 2019 Premier H120PD SK230 Auge | EX ACCESSORY   |
| E-AT-06 | 2005 ICE 22-30 Vibro Hammer    | EX ACCESSORY   |
| E-AT-07 | 2015 MKT #7 Pile Hammer        | EX ACCESSORY   |
| E-AT-08 | 2020 AIM PC138 18x56 Thumb     | EX ACCESSORY   |
| E-AT-09 | 2020 AIM PC88 12x48 Thumb      | EX ACCESSORY   |
| E-AT-10 | 2016 Bobcat 35PH Auger         | EX ACCESSORY   |
| E-AT-11 | 2022 AIM PC138 18x56 Thumb     | EX ACCESSORY   |

## Nerone Sons, Inc. Equipment List

|          |                                  |                |
|----------|----------------------------------|----------------|
| E-AT-12  | 2019 Paladin VRS6M-0022 Broom    | EX ACCESSORY   |
| E-AT-13  | 2022 Loflin Skid Grapple Bucke   | EX ACCESSORY   |
| E-BK-001 | 2019 Kinshofer C35V-80 Clam      | EX ACCESSORY   |
| E-BS-01  | 2010 Lakeshore 21" MH Basket     | EX ACCESSORY   |
| E-BS-02  | 2010 Koke 42x42" Man Basket      | EX ACCESSORY   |
| E-BS-03  | 2010 Koke 48x48" Man Basket      | EX ACCESSORY   |
| E-BS-04  | 2010 All 48x48" Man Basket       | EX ACCESSORY   |
| E-BS-05  | 1996 Nerone Material Basket      | EX ACCESSORY   |
| E-G-01   | 1995 Generac 95A00460-S Genera   | GENERATOR      |
| E-G-04   | 1991 Onan 12DJC Generator        | GENERATOR      |
| E-G-06   | 2006 Kohler 20RE0D Generator     | GENERATOR      |
| E-G-07   | 1985 Onan 300 Generator          | GENERATOR      |
| E-G-08   | 1985 Onan 300 Generator          | GENERATOR      |
| E-G-09   | 1988 Lincoln SAE-400 Generator   | GENERATOR      |
| E-GR-01  | 2010 ChemGrout 1-Tank Plant      | GROUT PUMP     |
| E-GR-02  | 2011 ChemGrout 2-Tank Plant      | GROUT PUMP     |
| E-HC-01  | 1994 Allied 9801 PC200 Tamper    | TAMPERS        |
| E-HC-02  | 1999 Allied 9801 PC200 Tamper    | TAMPERS        |
| E-HC-03  | 2000 PC138 Tamper                | TAMPERS        |
| E-HC-04  | 2000 Hudco HC30 PC138 Tamper     | TAMPERS        |
| E-HC-05  | 2000 Hudco HC30 PC138 Tamper     | TAMPERS        |
| E-HC-06  | 2000 PC88 Tamper                 | TAMPERS        |
| E-HC-07  | 2000 Hudco HC15 PC35 Tamper      | TAMPERS        |
| E-HC-08  | 2000 Hudco HC15 PC35 Tamper      | TAMPERS        |
| E-HH-02  | 1999 Krupp HM580 PC138 Breaker   | BREAKERS       |
| E-HH-05  | 2002 H4XL PC88 Breaker           | BREAKERS       |
| E-HH-06  | 2007 Atlas Copco PB210 PC35 Br   | BREAKERS       |
| E-HH-07  | 1999 Atlas Copco MB1200 PC200    | BREAKERS       |
| E-HH-08  | 2019 CAT B4 PC35/304D Breaker    | BREAKERS       |
| E-HH-09  | 2000 Okada OKB308 PC138 Breaker  | BREAKERS       |
| E-LP-01  | 2008 Wacker LTN6L Light Post     | LIGHT POST     |
| E-MB-01  | 2023 Ver-Mac PCMS-548 Msg Brd    | MESSAGE BOARD  |
| E-MB-02  | 2023 Ver-Mac PCMS-548 Msg Brd    | MESSAGE BOARD  |
| E-RH-02  | Rockhound Attachment             | ATTACHMENT     |
| E-RP-01  | Road Plates                      | PLATE          |
| E-TL-01  | 2018 Horizon SQ3TS Traffic Lt    | TRAFFIC LIGHTS |
| E-TL-02  | 2020 Horizon SQ3TS Traffic Lt    | TRAFFIC LIGHTS |
| E-W-01   | 2005 Lincoln Vantage 300 Welde   | WELDERS        |
| E-W-03   | 2010 Lincoln Vantage 300 Welde   | WELDERS        |
| E-W-04   | 2022 Miller Bobcat 260 Welder    | WELDERS        |
| E-WP-02  | 2000 Godwin CD150 6in Dry Pump   | PUMP           |
| E-WP-05  | 2006 Godwin DPC300 12in Dry Pump | PUMP           |
| E-WP-06  | 2006 Godwin DPC300 12in Dry Pump | PUMP           |
| E-WP-07  | 2008 Godwin HS100 4in Hyd Pump   | PUMP           |



## Nerone Sons, Inc. Equipment List

|         |                                   |          |
|---------|-----------------------------------|----------|
| E-WP-08 | 2016 Flygt 2290-010 10in Elec     | PUMP     |
| E-WP-09 | 2016 Flygt 2290-010 10in Elec     | PUMP     |
| E-WP-10 | 2017 Godwin CD150M 6in Silent     | PUMP     |
| E-WP-11 | 2018 Godwin GSP10 2in Pump        | PUMP     |
| E-WP-12 | 2017 Flygt 3202.185 4in Elec Pump | PUMP     |
| E-WP-13 | 2017 Flygt 3202.185 4in Elec Pump | PUMP     |
| E-WP-14 | 2014 Godwin HS150MR 6in Hyd Pump  | PUMP     |
| E-WP-15 | 1998 Godwin HS100MR 4in Hyd Pump  | PUMP     |
| V-CA-03 | 2017 Trail King TK110HDG Carry    | TRAILERS |
| V-CA-04 | 2023 Trail King TK110HDG+ Carr    | TRAILERS |
| V-T-07  | 2001 Ford F450 Stakebody          | V-SHOP   |
| V-T-24  | 2006 Mack CV713 Dump              | V-TRUCKS |
| V-T-25  | 2007 Peterbilt 335 Maintainer     | V-TRUCKS |
| V-T-26  | 2007 Ford F650 Dump               | V-TRUCKS |
| V-T-34  | 1995 Water Truck                  | V-FIELD  |
| V-T-40  | 2002 International 4300 Box Tr    | V-FIELD  |
| V-T-41  | 2006 Peterbilt 335 Boom Truck     | V-TRUCKS |
| V-T-43  | 2011 Peterbilt 337 Maintainer     | V-SHOP   |
| V-T-45  | 2011 Ford F450 Dump               | V-SHOP   |
| V-T-49  | 2007 Sewer Combination Truck      | V-FIELD  |
| V-T-53  | 2012 Ford F250 Super (Spare)      | V-FIELD  |
| V-T-55  | 2013 Peterbilt 388 Tractor (Pa    | V-FIELD  |
| V-T-60  | 2015 Ford F450 Dump               | V-FIELD  |
| V-T-61  | 2015 Ford F350 Super              | V-FIELD  |
| V-T-70  | 2016 Mack CHU613 Tractor          | V-FIELD  |
| V-T-71  | 2017 Ford F250 Super (Shop)       | V-FIELD  |
| V-T-72  | 2017 Ford F550 Dump               | V-FIELD  |
| V-T-73  | 2018 Ford F350 Super (Clemson)    | V-FIELD  |
| V-T-74  | 2018 Ford F350 Super (Cushman)    | V-FIELD  |
| V-T-75  | 2005 Ford F750 Dump               | V-FIELD  |
| V-T-76  | 2018 Ford F350 Super (Heston)     | V-FIELD  |
| V-T-77  | 2019 Ford F350 Super (Carl)       | V-FIELD  |
| V-T-78  | 2018 Ford F150 (Harry)            | V-FIELD  |
| V-T-82  | 2019 Ford F350 Super (Shop)       | V-FIELD  |
| V-T-83  | 2012 Ford F750 Dump               | V-FIELD  |
| V-T-84  | 2019 Ford F150 (Shepherd)         | V-FIELD  |
| V-T-85  | 2020 Ford F350 Super (Chapic)     | V-FIELD  |
| V-T-86  | 2019 Ford F150 Super (Cervenik)   | V-FIELD  |
| V-T-87  | 2020 Ford F350 Super (Chiapper    | V-FIELD  |
| V-T-88  | 2020 Ford F550 Dump Truck         | V-FIELD  |
| V-T-89  | 2021 Ford F150 Super (Nick)       | V-FIELD  |
| V-T-90  | 2022 Chevy 5500 Service (Shawn    | V-FIELD  |
| V-T-91  | 2022 Ford Transit Connect         | V-FIELD  |
| V-T-92  | 2022 Lincoln Nautilus (Jay)       | V-FIELD  |



## Nerone Sons, Inc. Equipment List

|          |                                 |            |
|----------|---------------------------------|------------|
| V-T-93   | 2023 Ford F350 Super (Brickman  | V-FIELD    |
| V-T-94   | 2023 Ford Expedition (Richard)  | V-FIELD    |
| V-T-95   | 2023 Ford F250 Super (Griffin)  | V-FIELD    |
| V-T-96   | 2024 Lincoln Navigator          | V-FIELD    |
| V-TR-01  | 2001 J&J Dump Trailer           | TRAILERS   |
| V-TR-02  | 1998 J&J Dump Trailer           | TRAILERS   |
| V-TR-04  | 2003 Trail King TK10U Utility   | TRAILERS   |
| V-TR-07  | 2008 Trail King TK40LP Utility  | TRAILERS   |
| V-TR-08  | 2007 Cornpro UT21HT Tilt Utili  | TRAILERS   |
| V-TR-10  | 2018 Moritz UDBC+4-18 Tilt Uti  | TRAILERS   |
| V-TR-11  | 2021 United UXT-8.520TA52 Encl  | TRAILERS   |
| V-TR-12  | 2021 Moritz EDBH Trailer        | TRAILERS   |
| V-U-01   | 2023 Kubota SSV                 | LOADER     |
| XM-TBOX  | TRENCH BOX 20' X 8' 6" DBL. WAL | TRENCH BOX |
| XM-TBOX2 | TRENCH BOX 12' X 8' 4" DBL. WAL | TRENCH BOX |

**ABILITY:** That he or they have performed the following work: (Give location, kind, size or cost, and reference to name and address of client and engineer).

Please See Attached Completed Projects List in Bidder's Information Packet

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**FINANCIAL RESOURCES:** That information relative to his or their financial resources can and may be obtained from the following: (Give name, business and address):

Please See Attached Reference List in Bidder's Information Packet

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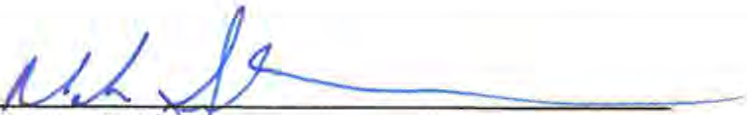
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Signature of Bidder

# Nerone & Sons, Inc.

## General Contractor

*Water/ Waste Water Treatment Plants*

*Public Specialty Projects*

*Sitework Construction*

*Underground Utilities*

*Hydro Excavation*

*Site Concrete*

*Demolition*

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*Bidders Information Packet*

*Nerone & Sons, Inc. is a family owned and operated general contracting firm that has serviced the Greater Cleveland area since 1955. We have extensive experience in both the private and public sector. We specialize in a broad range of construction projects including, site development, excavation, park development & rehabilitation, Land Rehabilitation, football field installation, marine work, sheeting and piling, public utility work, as well as water and wastewater treatment plant work.*

*Our operation consists of site work construction, installation of storm, sanitary, force main, fire and water lines; specialty work such as sheet piling, marinas, waterworks, hydro excavation, sports complex, lift stations, biofilters, commercial pool installation and repairs.*

*Nerone & Sons, Inc. has administered and managed various trades such as subcontractors for electrical, instrumentation, controls, telemetry, plumbing, HVAC, painting, and concrete among others. We have the experience to manage a large variety of projects.*

*Nerone & Sons, Inc. is SBE certified and Equal Opportunity Employer. We encourage all MBE, FBE and SBE firms to inquire about project opportunities.*

*Our business integrity and financial stability is what we were brought up on. We live by a high moral and ethical standard imbedded in us by our father and it has served us and our clients well. Our financial security, reputation and skilled work force are what sets us apart from our competition.*

**Corporate Information**

19501 S. Miles Road  
Warrensville Hts, Ohio 44128  
Office: 216-662-2235  
Fax: 216-662-5522  
[richard@nerone.biz](mailto:richard@nerone.biz)  
[www.neroneandsons.com](http://www.neroneandsons.com)

**Company's Headquarter Personnel:**

|                  |                              |            |
|------------------|------------------------------|------------|
| Tom A. Nerone    | President                    | Since 2003 |
| Carl L. Nerone   | Vice President               | Since 2003 |
| Mike Griffin     | Vice President of Operations | Since 2025 |
| Marianne DeLauro | Secretary/Treasurer/CFO      | Since 1998 |

**Project Managers/Estimators**

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Allen Shepherd – Project Manager                         | Hire Date: 09-01-13 |
| Jonathan Hunter – Project Mgr. Administrator             | Hire Date: 12-11-17 |
| Jayesh Dharja P.E. – Project Executive Estimate Division | Hire Date: 02-11-13 |
| Nicholas Nerone – Projecte Mgr.                          | Hire Date: 03-26-04 |
| Mike Griffin – Scheduler / Field Superintendent          | Hire Date: 09-09-96 |
| Robert DeLauro – Assistant Project Manager               | Hire Date: 07-08-19 |

**Supervisors:**

|                  |            |                     |
|------------------|------------|---------------------|
| Hector Chiappero | Supervisor | Hire Date: 08-16-10 |
| Tom Bugansky     | Supervisor | Hire Date: 05-16-22 |
| Brian Brickman   | Supervisor | Hire Date: 06-04-11 |
| Michael Cushman  | Supervisor | Hire Date: 04-02-17 |
| Kent Clemson     | Supervisor | Hire Date: 01-22-18 |
| Chad Heston      | Supervisor | Hire Date: 04-02-17 |

**Work Crew:**

Nerone & Sons, Inc. employs 25 to 60 Union Laborers experienced in this field of work.

**BONDING AND BANKING INFORMATION**

BONDING COMPANY                      Travelers

BONDING AGENT:                      Tony Schepis  
Sharon Brickman, Client Mgr.  
The Fedeli Group  
5005 Rockside Road, Fifth Floor  
Independence, Ohio 44131  
(216) 643-6987

SINGLE LIMIT                              25 Million  
AGGREGATE LIMIT                      75 Million (unlimited)

BANK                                      Huntington Bank – 216-515-0656  
BANK REPRESENTATIVE              Tim Harvey, Vice President  
CREDIT LINE                            \$3,000,000.00

**Equipment Inventory**

Equipment owned and on hand      \$9,000,000.00



## REFERENCE LIST

### OWNERS

|                                               |                |                |
|-----------------------------------------------|----------------|----------------|
| City of Cleveland, Water Division             | A. Margevicios | (216) 664-2446 |
| City of Cleveland, Engineering & Construction | A. Margevicios | (216) 664-2381 |
| City of Cleveland, Water Pollution Control    | R. Zoghaib     | (216) 664-2750 |
| City of Cleveland, Parks & Recreation         | M. Spronz      | (216) 664-3650 |
| NEORSO -Northeast Ohio Regional Sewer Dist.   | J. Ciaccia     | (216) 881-6600 |
| ODNR                                          | D. Kieffer     | (216) 881-8141 |
| ODOT                                          | R. Bencivengo  | (216) 551-2100 |
| Cleveland Port Authority                      | R. McMillan    | (216) 664-2006 |
| Lorain Port Authority                         | R. Novak       | (440) 204-2269 |
| City of Maple Heights                         | L. Rogers      | (216) 587-9015 |
| City of Bedford                               | S. Schreiber   | (216) 524-5544 |
| City of Beachwood                             | C. Vild        | (216) 595-3722 |
| City of Bedford Heights                       | S. Schreiber   | (216) 475-3500 |
| City of University Heights                    | J. Ciuni       | (216) 524-5544 |
| City of Euclid                                | Lee Brock      | (216) 289-2701 |
| City of Cleveland Heights                     | D. Zentarski   | (216) 291-4444 |
| National Park Service                         | R. Bobel PE    | (440) 546-5972 |
| City of Rocky River                           | J. Harrington  | (440) 331-0600 |
| City of Wadsworth                             | S. Scaffide    | (330) 335-1521 |
| City of Lakewood                              | W. Corrigan    | (216) 529-6692 |
| City of North Ridgeville                      | L. Cover       | (440) 934-5251 |

### CONTRACTORS

|                       |                  |                |
|-----------------------|------------------|----------------|
| Relmec Mechanical LLC | John McNeely     | (216) 470-4665 |
| Smith & Oby Co.       | Chuck Caye       | (440) 735-5333 |
| Gorman Lavelle Corp.  | Tim Lavelle      | (216) 641-4600 |
| Panzica Construction  | Tony Panzica     | (440) 442-4300 |
| Tri Mor Corporation   | Trip Morris      | (216) 963-5180 |
| Coleman Spohn         | Lonnie Coleman   | (216) 991-2022 |
| Ozanne                | Dominic Ozanne   | (216) 696-2876 |
| Nyman Construction    | Mike Nyman       | (216) 475-7800 |
| MCM Company           | Melissa Ferchill | (216) 566-7142 |
| Mistick Construction  | Mortan Wilson    | (412) 322-1122 |
| Zynith Systems LLC    | Dave McLafferty  | (216) 395-5950 |

## PRIOR YEARS CONTRACTS

### OHIO DEPARTMENT OF NATURAL RESOURCES - (ODNR)

|                                                                                                                                                 |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| West Branch State Park Marina<br>Proj. #DNR 736 730-95-155<br>Scope of Work: Replacement of Docks & Site Work                                   | \$1,450,000.00 |
| Cleveland Lakefront State Park - E. 55th Marina<br>Docks C, D, & E<br>Proj. #DNR 736-730-93-014<br>Scope of Work: Replacement of existing docks | \$1,000,000.00 |
| Cleveland Lakefront State Park - Pier Park<br>George Voinovich Park<br>Proj. #736-736-94-102<br>Scope of Work: Earthwork, Precast               | \$1,250,000.00 |

### NORTH EAST OHIO REGIONAL SEWER DISTRICT - (NEORS)

|                                                                                                                                            |                |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Dorver Road Emergency Repair<br>Contract #: 1999-2000 Emergency Repair Contract<br>Scope of Work: Replace 36" Main Interceptor Line        | \$1,250,000.00 |
| Miscellaneous Improvements<br>Contract #: MISC-1<br>Scope of Work: Stainless Steel Troughs Replacement                                     | \$1,009,000.00 |
| Automated Regulator Improvements<br>Contract #: CSO-4<br>Scope of Work: Interceptor Improvements                                           | \$ 559,000.00  |
| Replacement Automated Regulators<br>Contract #: RAR-1/RAR-2/RAR-3, RAR-4<br>Scope of Work: Fiberdam Replacement and Interceptor Renovation | \$4,000,000.00 |
| Westerly Interceptor Emergency Repair<br>Scope of Work: Sheet Piling, Sewer By-Pass Pumping 8 Mil. GPD,<br>96" Sewer Replacement           | \$ 729,296.00  |
| Southerly Wastewater Treatment Center<br>Ash Removal<br>Contract #: AR-6<br>Scope of Work: 70,000 Yds.                                     | \$ 301,302.00  |
| Lake View Cemetery<br>Hillside & Stream Rehab. & Erosion Protection<br>Contract #: HR-2<br>Scope of Work: Concrete Dams, Earthwork         | \$1,100,000.00 |
| Incinerator Improvement Systems<br>Contract: IR-8B                                                                                         | \$ 750,000.00  |

## CONTRACTS – CONTINUED

### CITY OF CLEVELAND - DIVISION OF WATER

Demolish Various Non-Operative Stations \$1,292,775.00  
Contract #: 54085  
Scope of Work: Remove Water Towers & Obsolete Structures

Baldwin Filtration \$ 609,000.00  
Contract No: 48854  
Scope of Work: Site Improvement

Fairmount - Warrensville Water Supply \$2,154,000.00  
Phase III  
Contract No: PI45117  
Scope of Work: 14,000 LF 48' Waterline

Aurora Rd 36" Water Supply Main \$4,720,000.00  
Contract No: PI47102A  
Scope of Work: 14,000 LF 36" Pre-stressed

Bedford Road 20" Water Supply Main \$2,189,450.00  
Contract No: PI47031A  
Scope of Work: 15,000 LF

Kirtland Crib Rehabilitation \$2,235,000.00  
Contract No: PI42003  
Scope of Work: Renovation of 5-Mile Crib in Lake Erie

Cuyahoga River Crossing 12" Force Main \$2,200,000.00  
Scope of Work: 80' deep tunnel under Cuyahoga River

Brecksville 24" Water Line Installation \$3,600,000.00  
Scope of Work: 24,000 LF

Crown Drainage Rehabilitation \$ 590,000.00  
Scope of Work: Site Improvements

### CITY OF CLEVELAND - DIVISION OF ENGINEERING & CONSTRUCTION

Millcreek Subdivision Phase III \$1,155,534.60  
Contract #: 54874  
Scope of Work: Install Roadway, Storm, Sanitary and Waterline for new subdivision

Beacon Place at Church Square Subdivision \$2,197,447.00  
Contract #: 48918

### CITY OF CLEVELAND – POLLUTION CONTROL DIVISION

Erie side & West 3<sup>rd</sup> Pump Station, Bradley & Edgewater Pump \$ 536,000.00  
Stations, Service Yard, Stones Levee

## CONTRACTS - CONTINUED

### CITY OF CLEVELAND - DEPARTMENT OF PARKS, RECREATION & PROPERTIES

|                                                                                               |                |
|-----------------------------------------------------------------------------------------------|----------------|
| Eliot/E105th Park/Paul Revere School<br>Scope of Work: Play Structures, Concrete, Landscaping | \$ 440,895.79  |
| Seneca Golf Course Site Improvements<br>Contract No.: 56031                                   | \$ 109,697.96  |
| Bisbee Park, Ken Johnson, Bump Taylor                                                         | \$2,100,000.00 |

### CITY OF WILLOUGHBY

|                                                                                                           |               |
|-----------------------------------------------------------------------------------------------------------|---------------|
| Chestnut Road Pump Station Improvements<br>Scope of Work: Improvements                                    | \$ 246,605.00 |
| Beachview Shore Erosion #7<br>File #: 88-301<br>Scope of Work: Retaining Wall - Sheet piling on Lake Erie | \$ 974,000.00 |

### CLEVELAND - CUYAHOGA/PORT AUTHORITY

|                                                                                |                |
|--------------------------------------------------------------------------------|----------------|
| Bulkhead & Infrastructure Improvements<br>Scope of Work: 500 L.F. Sheet Piling | \$3,000,000.00 |
| Dock 24<br>Scope of Work: Sheet Piling/Dredging                                | \$ 850,000.00  |

### CITY OF PEPPER PIKE

|                                                                   |               |
|-------------------------------------------------------------------|---------------|
| Shaker Circle Detention Pond<br>Scope of Work: 30,000 Yds Removal | \$ 363,000.00 |
|-------------------------------------------------------------------|---------------|

### LORAIN PORT AUTHORITY

|                                                                                                                              |                |
|------------------------------------------------------------------------------------------------------------------------------|----------------|
| Black River Boat Launch and Parkway<br>Scope of Work: Sheet Piling, 75,000 Yds Dirt Work, Pavement<br>and Building Structure | \$2,100,000.00 |
|------------------------------------------------------------------------------------------------------------------------------|----------------|

### CITY OF MACEDONIA

|                                                                 |               |
|-----------------------------------------------------------------|---------------|
| Driftwood Lane Improvements<br>Scope of Work: Site Improvements | \$ 310,500.00 |
|-----------------------------------------------------------------|---------------|

### EDGEWATER YATCH CLUB

|                                                          |               |
|----------------------------------------------------------|---------------|
| Edgewater Yatch Club<br>Scope of Work: Site Improvements | \$ 314,000.00 |
|----------------------------------------------------------|---------------|

## CONTRACTS - CONTINUED

### CITY OF EUCLID

Wells Place Sub-Division \$ 290,000.00  
Scope of Work: Site Improvements

### CLEVELAND METROPARKS

Cuyahoga-Millcreek Bike Path \$ 296,211.68  
Contract No: 828  
Scope of Work: Build Metro Park Bike Path

River Fords Design Build \$1,650,000.00

Euclid Creek  
Scope of Work: Slope Reconstruction, Bridges \$ 700,000.00

Baldwin Dam Phase 1, 2 & 3 \$ 399,000.00  
Scope of Work: Dam Repairs/Dredging

### CITY OF WILLOWICK

Bin Walls \$ 165,000.00

### ARBOR CONSTRUCTION

Holiday Inn – Bishop Road \$ 230,000.00  
Scope of Work: Site Work

Bet Sefer School \$ 125,000.00  
Scope of Work: Site Work

### ROEDIGER CONSTRUCTION

All Souls Cemetery \$ 110,000.00  
Scope of Work: Site Work

Walton Hills Nursing Home \$ 70,000.00  
Scope of Work: Site Work

### CITY OF AVON LAKE

Sludge Digester Reconstruction \$ 570,000.00

### CITY OF LAKEWOOD

Final Clarifier Rehabilitation \$ 750,000.00



## CONTRACTS – CONTINUED

### CITY OF LORAIN

Kansas Avenue Pump Station  
Contract No.: 5S-A,B,C  
Scope of Work: \$1,215,000.00

### LORAIN COUNTY COMMUNITY COLLEGE

Burns Road Stabilization  
Scope of Work: Slope Reconstruction \$ 250,000.00

### VILLAGE OF NEWBURGH HEIGHTS

East 29<sup>th</sup> Storm Sewer \$ 120,000.00

### MADISON DEVELOPMENT GROUP

Madison Village Commerce Park \$ 623,277.50

### UNITED STATES COAST GUARD

Install Camels & Rubrails  
Contract No.: DTCG83-00-N-3WF-045 \$ 59,440.73

USCG Fairport Station Improvements  
Contract No.: DTCG83-00-N-3WF-069 \$ 31,625.25  
Scope of Work: Improve Basement Drainage

### GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY

Turney Elia/Bus Loop Rehabilitation  
Contract No.: 18P, IFB 99030 \$ 262,000.00

Two-Post Hydraulic Bus Lift Renovations  
Contract No.: 39908256 \$ 23,271.00

### CURRENT EMERGENCY REPAIR CONTRACTS

N.E.O.R.S.D. – CSO Floatables Control Facilities  
N.E.O.R.S.D. – Eastside Stream Sediment & Debris Removal  
City of Euclid  
City of University Heights  
City of Lakewood

## 2011 - 2024 Project List

| <i>Customer</i>                         | <i>Project Name</i>                     | <i>Project Amount</i> |
|-----------------------------------------|-----------------------------------------|-----------------------|
| North East Ohio Regional Sewer District | MILL CREEK TUNNEL COMPLETION PROJECT    | 12,822,374.95         |
| Cleveland, City of                      | SECONDARY SITE IMPROVEMENTS             | 6,951,719.82          |
| Northeast Ohio Regional Sewer District  | MORGANA & BURKE SYSTEM IMPROVMENTS      | 6,368,299.41          |
| Cleveland, City of                      | Historic League Park                    | 6,338,382.72          |
| North East Ohio Regional Sewer District | EASTERLY AERATION TANK REHB.            | 4,994,802.51          |
| North East Ohio Regional Sewer District | Combined Sewer Overflow Rehab Contract  | 3,839,000.00          |
| Medical Center Company                  | CHILLED WATER & STEAM LINE              | 3,172,495.00          |
| North East Ohio Regional Sewer District | *SFPI-2A-R                              | 3,051,000.00          |
| US ARMY CORPS OF ENGINEERS              | GRAND RIVER BANK ST SLOPE STABILIZATION | 2,278,528.56          |
| North East Ohio Regional Sewer District | SOUTHERLY WESTERLY INTERCEPTORS         | 2,260,439.15          |
| Cleveland, City of                      | CLEVELAND MEMORIAL GARDENS              | 1,831,893.45          |
| North East Ohio Regional Sewer District | RAR-5                                   | 1,654,000.00          |
| CITY OF CLEVELAND                       | MORGAN IMPROVEMENTS-A                   | 1,448,672.98          |
| Ohio Department of Administrative Svc.  | *Northcoast Behavioral Center           | 1,120,000.00          |
| Lakewood, City of                       | LAKEWOOD DIGESTER REPLACEMENT           | 1,079,000.00          |
| Northeast Ohio Regional Sewer District  | EASTSIDE STREAM DEBRIS & SEDIM          | 1,066,473.02          |
| North Ridgeville, City of               | *French Creek WWTP                      | 1,010,995.00          |
| Relmec Mechanical, LLC                  | UH CANCER GRINDER PUMPS                 | 998,961.00            |
| SAF, Inc.                               | BOSTON MILLS SANITARY COLLECTION        | 896,304.23            |
| Elyria, City of                         | Overbrook & Pinewood Lift Station       | 895,000.91            |
| Relmec Mechanical, LLC                  | CORNELL-PHASE II                        | 864,000.00            |
| National Park Service                   | Rockside Pedestrial Bridge              | 858,000.00            |
| Rocky River, City of                    | *Rocky River WWTP Capital Improvements  | 804,270.00            |
| Lakewood, City of                       | *Aeration Tank Blower Replacement       | 692,491.25            |
| CITY OF WARRENSVILLE HEIGHTS            | S. MILES EMERGENCY CULVERT REPAIR       | 687,552.92            |
| Euclid, City of                         | EUCLID B                                | 617,168.79            |
| Northeast Ohio Regional Sewer District  | CSO FLOATABLES CONTROL SITES            | 586,902.70            |
| City of Cleveland                       | MILES POINTE PARKING LOT                | 514,292.21            |
| OAKWOOD VILLAGE                         | RICHMOND & FORBES PS IMPROVEMENTS       | 504,081.24            |
| Mariner's Point Condo Assoc.            | MARINER'S POINT SHORING                 | 498,362.90            |

## 2011 - 2024 Project List

|                                         |                                       |            |
|-----------------------------------------|---------------------------------------|------------|
| Bedford, City of                        | *Equalization Basin Improvement       | 487,935.00 |
| THE FOWLER CO.                          | FOWLER SUBSTATION                     | 485,897.33 |
| Metroparks, Cleveland                   | Metro Dentzler Trail Project          | 484,000.00 |
| Bedford, City of                        | UV DISINFECTION IMPROVEMENT           | 471,000.75 |
| Cuyahoga County                         | PUMP STATION RENOVATIONS              | 440,911.52 |
| Tuscarawas Cty Metro Sewer District     | *Dundee Water Treatment Plant Improv. | 419,950.00 |
| Relmec Mechanical, LLC                  | Marymount Generator Fuel Oil System   | 402,307.47 |
| City of Beachwood                       | 2012-2013 Sanitary & Storm Repairing  | 393,577.50 |
| City of Beachwood                       | 2012-2013 BACKHOE RENTAL              | 393,577.50 |
| Relmec Mechanical, LLC                  | PANZICA CHILLER BLDG. 36 IN. EXT.     | 359,826.66 |
| POINTS EAST, LLC                        | PANERA UTILITIES - POINTS EAST        | 347,482.57 |
| Wadsworth, City of                      | *WADSWORTH GENERATOR REPLACEMENT      | 341,500.00 |
| Two Bratenahl Place                     | Bratenahl Cooling Water Pump Station  | 333,300.00 |
| Relmec Mechanical, LLC                  | EATON CORE AND SHELL PLUMBING         | 331,546.00 |
| Diocese of Cleveland                    | *Camp Christopher WWTP                | 323,784.13 |
| City of Lyndhurst                       | Brainard Road Forcemain               | 321,690.00 |
| Gorman-Lavelle Corporation              | *WADSWORTH H.S. AND COMMUNITY CTR     | 311,537.85 |
| Relmec Mechanical, LLC                  | SW GENERAL HOSPITAL                   | 284,800.00 |
| North East Ohio Regional Sewer District | SOUTHERLY PUMP AND MOTOR REPAIR       | 280,793.64 |
| CITY OF STRONGSVILLE                    | BENT TREE PUMP STATION                | 254,532.80 |
| Smith & Oby Company                     | CWRU Chilled Water                    | 252,300.00 |
| Metroparks, Cleveland                   | 2012 WATERLINE REPLACEMENT            | 235,158.12 |
| Mistick Construction, Inc.              | ST. LUKE MANOR PHASE II               | 230,740.05 |
| Panzica Construction                    | MCCO CHILLED WATER ADDITION           | 214,800.00 |
| Reminderville, Village of               | GNS Culvert Improvement               | 206,071.89 |
| Village of Gates Mills                  | Sherman Road Slope Repair             | 194,792.80 |
| Rocky River, City of                    | Settled Sewage Pump Replacement       | 185,000.00 |
| BALLAST CONSTRUCTION INC                | CRESTWOOD ELEM. (CONTI CORP.)         | 181,440.00 |
| Relmec Mechanical, LLC                  | HILLCREST PROJECT                     | 175,636.00 |
| BALLAST CONSTRUCTION INC                | CC COLE EYE (GORMAN-LAVELLE)          | 165,560.51 |
| Walton Hills, Village of                | WALTON HILLS SONNY DRIVE              | 164,894.79 |
| Royal Landscape-Gardening, Inc.         | UH Healing Gardens Pumpstation        | 158,917.73 |



## 2011 - 2024 Project List

|                                     |                                          |            |
|-------------------------------------|------------------------------------------|------------|
| UNITED SURVEY, INC.                 | 2022 SEWER REHAB PROGRAM PART 1          | 155,400.00 |
| Gorman-Lavelle Corporation          | CCF BEACHWOOD                            | 154,184.93 |
| Smith & Oby Company                 | MCCO TENNEL VENTILATION                  | 149,100.00 |
| PODOJIL BUILDERS, INC               | PANERA BREAD SITE WORK                   | 148,647.08 |
| Elyria, City of                     | CONVEYOR BELT PRESS                      | 146,180.00 |
| T.H. Martin                         | Fairview Hospital Fuel Vaults Excavation | 141,952.43 |
| Relmec Mechanical, LLC              | UH CENTER OF EM. MEDICINE                | 137,845.00 |
| Relmec Mechanical, LLC              | Cleveland Casino Project                 | 137,535.00 |
| THE FOWLER CO.                      | OLON WWTP                                | 135,800.00 |
| Caldwell Tanks, Inc.                | NOVA TANK                                | 135,136.00 |
| Smith & Oby Company                 | KELVIN SMITH LIBRARY                     | 131,014.42 |
| Suburban Maintenance & Construction | CVNP Rip Rap Install                     | 130,200.00 |
| MCM Company, Inc.                   | PNC - T&M Excavate Electrical Pit        | 126,528.23 |
| CITY OF BEACHWOOD                   | CEDAR RD. CULVERT HEADWALL REPAIR        | 125,138.00 |
| CITY OF MAPLE HEIGHTS               | STAFFORD PARK FITNESS TRAIL              | 121,244.82 |
| Gorman-Lavelle Corporation          | CCF LAB                                  | 118,289.00 |
| South Shore Electric, Inc.          | Parma Snow Road Library                  | 115,700.00 |
| Brecksville, City of                | Highland Drive Culvert                   | 112,140.25 |
| CITY OF BROOKLYN                    | ROAD REPAIR 10575 MEMPHIS AVE.           | 111,986.52 |
| Relmec Mechanical, LLC              | Thistledown Pump Station T&M             | 109,868.72 |
| Gorman-Lavelle Corporation          | MED MART PLUMBING                        | 104,467.00 |
| Cleveland Hts., City of             | Catch Basin & Inlet Cleaning             | 100,800.00 |
| Colonial Webb Contractors           | NESTLE'S CONTAINMENT STRUCTURE           | 97,741.22  |
| POINTS EAST, LLC                    | NTB SANTARY CONNECTION                   | 97,300.00  |
| Summit County                       | *Summit County Pump Station              | 94,732.40  |
| City of Cleveland                   | MAINTAIN DETENTION FACILITIES            | 90,500.00  |
| Warrensville Heights, City of       | S. MILES OPEN ONE LANE ROAD              | 89,800.00  |
| Relmec Mechanical, LLC              | CSU 24TH STREET REPAIR                   | 88,500.00  |
| Pepper Pike, City of                | Edgewood Road Culvert Replacement        | 84,245.00  |
| City of Bedford                     | Commercial Water Meter Replacement       | 81,225.00  |
| BALLAST CONSTRUCTION INC            | UH HOSPITAL (RELMEC)                     | 80,595.28  |
| UNITED SURVEY, INC.                 | 2020 SEWERR REHAB & REPAIR PROJECT       | 80,116.09  |

## 2011 - 2024 Project List

|                                         |                                      |           |
|-----------------------------------------|--------------------------------------|-----------|
| Spohn Corporation                       | EATON PARKING GARAGE                 | 76,454.00 |
| BALLAST CONSTRUCTION INC                | LOT 29 STEAM RE-ROUTE (RELMEC)       | 75,986.44 |
| Relmec Mechanical, LLC                  | VA DOMICILIARY BUILDING              | 70,437.00 |
| BALLAST CONSTRUCTION INC                | ASHTABULA MED. CTR (LAKE ERIE ELEC.) | 68,911.57 |
| Smith & Oby Company                     | CCF E BUILDING UPGRADES              | 64,951.00 |
| Regency Construction Services, Inc.     | ESSI - Easterly Secondary System     | 63,407.59 |
| City of Oberlin                         | Artino Lift Station                  | 63,225.00 |
| St. Hubert's Episcopal Church           | St. Hubert's Church                  | 61,922.00 |
| Relmec Mechanical, LLC                  | VA GARAGE EXCAVATION                 | 61,900.00 |
| Village of Chagrin Falls                | Lower Dam & Stream Restoration       | 61,200.00 |
| Gates Mills, Village of                 | MISC. SEWER REPAIRS                  | 60,000.00 |
| Nyman Construction                      | CITIZENS BANK                        | 59,437.00 |
| TES, LLC                                | LUCKEY FUSRAP SITE                   | 52,369.80 |
| Relmec Mechanical, LLC                  | Kelvin Smith Library                 | 51,052.23 |
| Relmec Mechanical, LLC                  | Nestle LJ Minor Phase C & E          | 50,749.50 |
| D & M PAINTING CORPORATION              | KENT WATER TOWER REHAB               | 50,200.00 |
| UNITED SURVEY, INC.                     | NORTHEAST QUADRANT SEWER REPAIR      | 50,053.69 |
| Nyman Construction                      | Doggie Daycare                       | 49,500.00 |
| Neptune Plumbing & Heating              | GENERAL ELECTRIC E.45TH STREET       | 48,600.00 |
| VILLAGE OF GATES MILLS                  | HILLCREEK LN CULVERY HEADWALL        | 47,620.00 |
| Medical Center Company                  | Central Plant Concrete Repair        | 46,400.00 |
| Lakewood, City of                       | Lakeland Sewer Repair Emergency      | 44,975.88 |
| American Fire & Sprinkler, LLC          | BW - UG FIRE SERVICE                 | 44,500.00 |
| Relmec Mechanical, LLC                  | Eaton Wellness Center                | 44,000.00 |
| Northern Ohio Plumbing                  | BW Freshman Hall                     | 43,498.79 |
| Hammond Corporation                     | CWRU - AMASA Steam Line              | 41,800.00 |
| Relmec Mechanical, LLC                  | NESLLE'S LJ MINOR (DO NOT USE)       | 41,500.00 |
| Nyman Construction                      | HALSTED DEMO                         | 41,447.20 |
| CITY OF PEPPER PIKE                     | SOUTH WOODLAND STORM SEWER REPAIR    | 40,810.00 |
| Relmec Mechanical, LLC                  | NESTLES W.25TH                       | 40,430.55 |
| Smith & Oby Company                     | Hopkins Air Traffic Control          | 39,857.28 |
| North East Ohio Regional Sewer District | Doan Brook Temp. Stabalization       | 39,040.00 |



## 2011 - 2024 Project List

|                                         |                                   |           |
|-----------------------------------------|-----------------------------------|-----------|
| BALLAST CONSTRUCTION INC                | MH AMBULATORY PARMA (GORMAN)      | 38,745.53 |
| KS ASSOCIATES, INC.                     | WST INSPECTION SERVICES           | 38,700.00 |
| Zenith Systems, LLC                     | MARYMOUNT - RECEIVING SHAFTS      | 38,218.82 |
| Mayfield, Village of                    | Amphitheater Shaping & Capping    | 37,970.00 |
| CITY OF LYNDHURST                       | CATCH BASIN & SEWER REPAIR        | 37,947.68 |
| CITY OF BROOKLYN                        | SR. CENTER PS STORAGE TANK        | 35,944.00 |
| THE FOWLER CO.                          | FOWLER SERVICE CENTER             | 35,900.00 |
| Mayfield, Village of                    | Mayfield Village Pool Tile        | 35,739.00 |
| Northeast Ohio Regional Sewer District  | CSO FLOATABLES CONTAINMENT SYSTEM | 35,640.00 |
| CITY OF BAY VILLAGE                     | SANITARY SEWER REPAIR LAKE RD.    | 35,600.00 |
| RELMEC MECHANICAL, LLC                  | CSU CHILLED WATER LEAK            | 35,467.54 |
| Ferro Corporation                       | New AC Platform                   | 34,200.00 |
| Relmec Mechanical, LLC                  | CHESTER STEAM LINE REPAIR         | 34,000.00 |
| Relmec Mechanical, LLC                  | MARYMOUNT HVAC AND PLUMBING       | 33,675.00 |
| CITY OF LYNDHURST                       | SEWER REPAIRS-MULTI LOCATIONS     | 33,400.00 |
| United Mechancial Contractors, Inc.     | Garfield Hts. Library             | 33,000.00 |
| WBNX TV                                 | West Creek Bank Stabilization     | 33,000.00 |
| Relmec Mechanical, LLC                  | VA OFFICE EXCAVATION              | 32,800.00 |
| Jones Lang Lasalle                      | WATERMAIN REPAIRS 2022            | 31,600.00 |
| RJ Martin Companies                     | UH Rehab                          | 30,300.00 |
| Bedford, City of                        | Wood Creek Sewer Repair           | 29,816.37 |
| Gorman-Lavelle Corporation              | AHUJA OXYGEN LINE                 | 29,794.00 |
| CITY OF MAPLE HEIGHTS                   | STAFFORD PARK INSTALL & ASSEMBLY  | 28,064.01 |
| Maple Hts., City of                     | Maple Hts. Blvd Emergency         | 27,381.65 |
| Relmec Mechanical, LLC                  | VA OFFICE SHELL EXCAVATION        | 27,133.00 |
| City of Lyndhurst                       | SEWER REPAIRS                     | 26,898.56 |
| CITY OF BAY VILLAGE                     | 405 PARK AVE 10" FM/BUILDING      | 26,801.46 |
| CITY OF LYNDHURST                       | CATCH BASIN REPAIR MULTI LOCATION | 26,700.00 |
| North East Ohio Regional Sewer District | Lake View Dam                     | 23,490.00 |
| MCCO                                    |                                   | 23,301.73 |
| North East Ohio Regional Sewer District | 508 E. 140TH LATERAL REPAIR       | 23,205.00 |
| CITY OF BAY VILLAGE                     | BEAM REPAIR 28900 OSBORN ROAD     | 22,500.00 |

## 2011 - 2024 Project List

|                                        |                                         |           |
|----------------------------------------|-----------------------------------------|-----------|
| RANA INVESTMENTS, LLC                  | SANITARY SEWER LATERAL REPAIR           | 22,000.00 |
| Maple Hts., City of                    | Lee Rd. Replacement - July 2012         | 21,871.90 |
| CITY OF LYNDHURST                      | EMER. SEWER REPAIRS-EDGEFIELD           | 21,000.00 |
| BALLAST CONSTRUCTION                   | CC "L" BUILDING ACID TANK               | 20,967.66 |
| Mistick Construction                   | St. Lukes Demo Work & Site Work         | 20,861.23 |
| Rural Lorain County Water Authority    | Telemetry Building                      | 20,725.00 |
| BLD Services, LLC                      | 3263 E ERIE AVE. SEWER REPAIR           | 20,100.28 |
| Relmec Mechancial, LLC                 | MARYMOUNT GAS LINES                     | 19,400.00 |
| MCCO                                   | Circle Drive Curb Apron & Sidewalk      | 19,200.00 |
| Euclid, City of                        | 21101 Lakeshore Blvd. Sewer Repair      | 19,103.05 |
| Cromwell Mechanical, LLC               | E. 124TH SEWER REPAIR                   | 19,000.00 |
| BALLAST CONSTRUCTION INC               | TRI-C WEST NURSING (SUMMIT)             | 18,987.83 |
| Lyndhurst, City of                     | Various Repairs - CVE Project           | 18,900.75 |
| Relmec Mechanical, LLC                 | TRI POINT HOSPITAL                      | 18,092.00 |
| MCM Company, Inc.                      | PNC Exploratory Excavation              | 17,678.09 |
| Lubrizol Advanced Materials            | Waterline Emergency Repair 12-17-11     | 17,526.92 |
| Relmec Mechanical, LLC                 | VA Chilled Water Upgrade                | 17,500.00 |
| MCM Company, Inc.                      | MCM - Cleveland Auditorium              | 15,720.00 |
| RELMEC MECHANICAL, LLC                 | CCF LAUNDRY EXC. FOR BROKEN STROM LINE  | 15,404.46 |
| Donley, Inc.                           | CCF BB CONNECTOR                        | 15,360.26 |
| BALLAST CONSTRUCTION INC               | NESTLE CULINARY PILOT (MILLER)          | 15,291.78 |
| Ohio Dept. of Parks and Recreation     | Second Cable Repair at E.55th           | 15,021.65 |
| Jones Lang Lasalle                     | 11-28 WATERMAIN REPARIS 2022            | 14,700.00 |
| Smith & Oby Company                    | Energizer                               | 14,500.00 |
| Northeast Ohio Regional Sewer District | E. 55TH NETTING FACILITY RECLAMATION    | 14,320.00 |
| RELMEC MECHANICAL, LLC                 | HILLCREST SANITARY VAULT REPAIR         | 14,180.84 |
| Neptune Plumbing & Heating             | GE E.152nd CAP 3 SEWER LINES            | 14,000.00 |
| Bold Alternatives                      | First Unitarian Church                  | 13,809.71 |
| CITY OF BAY VILLAGE                    | FORCE MAIN REPAIR 405 PARK LN           | 12,944.84 |
| All Sweep, Inc.                        | Giant Eagle Restoration Pond            | 12,800.00 |
| Smith & Oby Company                    | Key Bank Vault Drain & Raise MH Casting | 12,600.00 |
| Lakewood, City of                      | Madison Sanitary Sewer                  | 12,492.76 |

## 2011 - 2024 Project List

|                                         |                                       |           |
|-----------------------------------------|---------------------------------------|-----------|
| Lubrizol Advanced Materials             | Fence Repair Work                     | 12,461.82 |
| Northeast Ohio Regional Sewer District  | EASTERLY WATERLINE REPAIR             | 12,300.00 |
| BALLAST CONSTRUCTION INC                | MHBH - RENOVATION (GORMAN)            | 12,008.33 |
| Relmec Mechanical, LLC                  | CSU SINK HOLE REPAIR                  | 11,913.27 |
| Dr. Fred Suppes                         | Dr. Suppes Waterline Service          | 11,900.00 |
| Village of Bentlyville                  | Miscellaneous Sewer Repairs           | 11,750.56 |
| RELMEC MECHANICAL, LLC                  | CUS CONCRETE REMOVAL & REPLACEMENT    | 11,700.00 |
| MCM Company, Inc.                       | PNC Waterline Emergency               | 11,680.52 |
| BALLAST CONSTRUCTION INC                | MH AMBULATORY (GORMAN)                | 11,500.45 |
| North East Ohio Regional Sewer District | Edgewater Emergency Sand Project      | 11,067.00 |
| RELMEC MECHANICAL, LLC                  | CMHA WATER MAIN LEAK IN DRIVE         | 10,956.23 |
| Hull & Associates                       | Kolthoff Landfill                     | 10,950.00 |
| Lubrizol Advanced Materials             | Sewer Repair 09-21-12                 | 10,902.06 |
| Lubrizol Advanced Materials             | Cut in PIV                            | 10,751.30 |
| Relmec Mechanical, LLC                  | Parker Building Waterline Repair      | 10,487.25 |
| CITY OF MACEDONIA                       | 9009 CROWE DR. SINKHOLE REPAIR        | 10,432.27 |
| Castle Heating & Air, Inc.              | Lee Burneson Middle School            | 10,400.00 |
| Relmec Mechanical, LLC                  | AT&T Vally Belt Waterline             | 10,200.00 |
| Suburban Maintenance & Construction     | WIESE ROAD SEWER REPAIR               | 10,175.00 |
| Green Estates                           | 2011-2012 BACKHOE RENTAL              | 10,000.00 |
| Green Estates                           | BEACHWOOD MALL SNOW REMOVAL           | 10,000.00 |
| Lubrizol Corporation                    | Waterline Repair 1-16-12              | 9,984.86  |
| Smith & Oby Company                     | Energizer Watermain Repair 9-18-12    | 9,923.63  |
| Gorman-Lavelle Corporation              | FDR WATER REPAIR                      | 9,831.45  |
| BALLAST CONSTRUCTION INC                | UH WEARN BLDG. (MCMEECHAN)            | 9,810.69  |
| Ballast Construction, Inc.              | Ballast Fence - Excavator W/ Operator | 9,630.30  |
| Smith & Oby Company                     | PNC Bank - Wadsworth                  | 9,500.00  |
| CITY OF BAY VILLAGE                     | 405 PARK AVE FORCE MAIN REPAIR        | 9,487.95  |
| Ontario Stone Corporation               | Storm Sewer                           | 9,400.00  |
| BALLAST CONSTRUCTION INC.               | CCF BUILDING P DEMO (RELMEC)          | 9,374.69  |
| RELMEC MECHANICAL, LLC                  | CATCH BASIN CLEANING HILLCREST        | 9,339.38  |
| North East Ohio Regional Sewer District | PACP Training                         | 9,302.39  |



## 2011 - 2024 Project List

|                                         |                                     |          |
|-----------------------------------------|-------------------------------------|----------|
| Neptune Plumbing & Heating              | RICHFIELD FIRE LINE BREAK           | 9,144.15 |
| BALLAST CONSTRUCTION                    | UH PARMA LOADING DOCK               | 9,014.20 |
| Lubrizol Corporation                    | Storm Sewer - Three Day Job         | 8,989.45 |
| North East Ohio Regional Sewer District | Second Edgewater Sand Emergency Job | 8,942.32 |
| THE FOWLER CO.                          | MISC 10 50 FOWLER                   | 8,500.00 |
| Barrington Estates Master Assoc.        | Barrington Storm Improvements       | 8,450.00 |
| BALLAST CONSTRUCTION INC                | COVENTRY LIBRARY (MILLER)           | 8,348.38 |
| CITY OF BEDFORD                         | BELE COURT SANITARY SEWER LATERAL   | 8,312.00 |
| Gorman-Lavelle Corporation              | PARKLAND FIRE LINE REPAIR           | 8,272.78 |
| City of Lyndhurst                       | Irene Road Sewer Repair 3-6-12      | 8,247.10 |
| POINTS EAST, LLC                        | NTB EXISTING 6" LATERAL             | 8,219.67 |
| Port of Cleveland                       | PORT AUTHORITY                      | 8,085.00 |
| RELMEC MECHANICAL, LLC                  | MCCO ELECTRIC TRENCH                | 8,084.40 |
| CITY OF BEDFORD                         | VALVE REPLACEMENTS W/HARDWARE       | 8,050.00 |
| Relmec Mechanical, LLC                  | Kaiser Watermain Lining             | 8,000.00 |
| S.A. Comunal Co., Inc.                  | CCF LAB BUILDING                    | 8,000.00 |
| CITY OF BAY VILLAGE                     | FORCE MAIN REPAIR LONG BEECH & WOLF | 7,802.13 |
| Relmec Mechanical, LLC                  | Hoover Arena Waterline Break        | 7,712.92 |
| Niro Excavation Plus, Inc.              | Eaton Excavation                    | 7,685.00 |
| Willoughby, City of                     | ASH LAGOON SEPTEMBER                | 7,450.00 |
| Nusurge Electric, Inc.                  | Electrical Trench at Bailey Road    | 7,415.46 |
| AURORA SHORES HOMEOWNER ASSOC.          | TEMPORARY REP LEAK IN CANAL         | 7,365.72 |
| Smith & Oby Company                     | N. Coast Behavioral 2nd Repair      | 7,207.03 |
| MILLER PLUMBING & HEATING CO            | GE HEALTHCARE VALVE REPAIR          | 6,960.92 |
| Cleveland State University              | Emergency Excavation on E. 24th     | 6,918.79 |
| Korfant & Mazzone, Inc.                 | EDUCATION ALTER. PLAYGROUND         | 6,850.00 |
| M.C.M. Company, Inc.                    | MCM VENT VAULT AND TUNNEL DEMO      | 6,817.73 |
| Walton Hills, Village of                | WALTON HILL MH REPAIR               | 6,758.71 |
| Gorman-Lavelle Corporation              | *Bissell Elementary T&M             | 6,694.91 |
| Suburban Maintenance & Construction     | SHEET RENTAL                        | 6,610.00 |
| Case Western Reserve University         | Rental of Steel Road Plates         | 6,400.00 |
| Relmec Mechanical, LLC                  | Lakeside Watermain Repair           | 6,367.46 |

## 2011 - 2024 Project List

|                                    |                                    |          |
|------------------------------------|------------------------------------|----------|
| Niro Excavation Plus, Inc.         | Henderson Fabricating              | 6,300.00 |
| BALLAST CONSTRUCTION INC           | VAMC SNOW MELT BOX                 | 6,288.66 |
| Niro Excavatoion Plus              | Tri-C Rental                       | 6,221.68 |
| Cromwell Mechanical, LLC           | Thistledown Fireline Repair        | 5,999.23 |
| Relmec Mechanical, LLC             | Kaiser Permanente Waterline Repair | 5,870.00 |
| Lake Louise Homeowners Association | Lake Louise Rental                 | 5,840.00 |
| Neptune Plumbing & Heating         | WATERMAIN REPAIR NOBLE RD.         | 5,832.88 |
| C & K INDUSTRIAL SERVICES INC.     | E79TH MANHOLE RAISING              | 5,800.00 |
| RELMEC MECHANICAL, LLC             | ST. JOHNS MED CENTER WASHER        | 5,700.00 |
| CITY OF BEDFORD                    | BOILER DEMO                        | 5,700.00 |
| HDR, INC.                          | GES - WASTEWATER COLLECTIONS       | 5,700.00 |
| Relmec Mechancial, LLC             | CASE BINGHAM TUNNEL                | 5,573.74 |
| BALLAST CONSTRUCTION INC           | UH SOUTHWEST GENERAL (MILLER)      | 5,562.37 |
| Gorman-Lavelle Corp.               | TRI C EAST REPAIR 2-10-12          | 5,400.00 |
| Relmec Mechanical, LLC             | Berea HS Down Spout Repair         | 5,322.94 |
| Relmec Mechanical, LLC             | VA P.A.L.M.S.                      | 5,300.00 |
| THE FOWLER CO.                     | CHILLER BUILDING GROUNDING GRID    | 5,270.00 |
| Relmec Mechanical, LLC             | SAND PRODUCTS PROJECT              | 5,259.00 |
| Lubrizol Advanced Materials        | Excavation Starting 03/26/12       | 5,256.37 |
| Willoughby, City of                | CLEAN LAGOON NOVEMBER 2011         | 5,120.00 |
| BALLAST CONSTRUCTION INC           | UH PORTAGE HOSPITALS (MILLER)      | 5,036.89 |
| Sheraton Independence              | SHERATON INDEPENDENCE              | 5,027.83 |
| Ohio Dept. of Parks and Recreation | Watermain Repair Week of 9-13-12   | 4,837.72 |
| Gorman-Lavelle Corporation         | ATRIUM WATERLINE BREAK             | 4,678.61 |
| Smith & Oby Company                | Mercy Hospital Concrete Pad        | 4,675.00 |
| Village of Glenwillow              | Emergency 12-29-11                 | 4,599.08 |
| Fairview Park, City of             | 2012 MUFFIN MONSTER REPLACEMENT    | 4,500.00 |
| Gorman-Lavelle Corporation         | TRI-C Emergency Waterline Repair   | 4,500.00 |
| EnviroServe                        | Cornell - Phase II Work            | 4,452.98 |
| CITY OF BEACHWOOD                  | POOL PUMP REPLACEMENT              | 4,292.00 |
| American Fire & Sprinkler, LLC     | GE Healthcare Hydrant              | 4,200.00 |
| Smith & Oby Company                | PNC 8 Inch Sewer Repair            | 4,200.00 |



## 2011 - 2024 Project List

|                                      |                                      |          |
|--------------------------------------|--------------------------------------|----------|
| Lubrizol Advanced Materials          | Test Excavation 9-26-12              | 4,122.21 |
| RELMEC MECHANICAL, LLC               | LAURELWOOD 8 IN FIRELINE REPAIR      | 4,106.27 |
| RELMEC MECHANICAL, LLC               | EUCLID HOSPITAL RISER TO GRADE       | 4,100.00 |
| BALLAST CONSTRUCTION INC             | MH UNDERGROUND EXCAVATION. (CONTI)   | 4,094.25 |
| Asphalt Paving Services              | Use of Nerone Laborers               | 4,054.80 |
| Anderson, Gary                       | Walvern Blvd. 6" Lateral Repair      | 3,800.00 |
| CITY OF BEDFORD                      | BEDFORD WWTP - SET PUMP              | 3,800.00 |
| Gorman-Lavelle Corporation           | Orlando Bakery Waterline Repair      | 3,653.81 |
| Southwest General Health Center      | Vac Truck Rental - July 2012         | 3,600.00 |
| Gorman-Lavelle Corporation           | TRI C WATER MAIN REPAIR              | 3,550.51 |
| Relmec Mechanical, LLC               | Waterline Break at Kaiser Permanente | 3,437.71 |
| RELMEC MECHANICAL, LLC               | CSU EXPLORATORY DIGGING              | 3,417.28 |
| Village of Glenwillow                | Catch Basin Repair at Pettibone Road | 3,377.86 |
| RELMEC MECHANICAL, LLC               | CATCH BASIN SHERWIN WILLIAMS         | 3,350.64 |
| Dan Ray Construction                 | Long Reach Rental 9-14 & 17          | 3,329.80 |
| Lyndhurst, City of                   | Brainard Park Emergency              | 3,309.68 |
| BALLAST CONSTRUCTION INC             | CCF NB IBM QUANTUM (RELMEC)          | 3,223.20 |
| Relmec Mechanical , LLC              | LUTHERAN HOSPITAL MANHOLE REPAIR     | 3,220.27 |
| Ballast Construction, Inc.           | BALLAST FENCE - CASINO               | 3,200.00 |
| Morland Hills, Village of            | Easton Drive Pumpstation             | 3,200.00 |
| Smith & Oby Company                  | North Coast Behavioral Center        | 3,157.80 |
| Neptune Plumbing & Heating           | E. 152nd FIRE WATER MAIN REPAIR      | 3,089.90 |
| Ohio Dept. of Parks and Recreation   | Edgewater Wm Break at Marina         | 3,050.28 |
| Lubrizol Advanced Materials          | Pump Hole                            | 3,029.39 |
| Today's Lifestyle Construction, Inc. | CASE WESTERN-MATHER DANCE            | 3,017.60 |
| V.I.P. ELECTRIC, CO.                 | FEB GENERATOR-CRANE PERMIT           | 3,000.00 |
| Relmec Mechanical, LLC               | MARYMOUNT EMERGENCY REPAIR           | 2,929.05 |
| Ohio Dept. of Parks and Recreation   | Gordon Park Waterline Repair         | 2,818.88 |
| RELMEC MECHANICAL, LLC               | FAIRVIEW HOSPITAL MH LID TO GRADE    | 2,797.62 |
| Hull & Associates                    | Kolthoff - Stockpile Ex Drums        | 2,700.00 |
| Relmec Mechanical, LLC               | Marymount - Lower Gas Lines          | 2,661.90 |
| Euclid, City of                      | 341 EAST 266 STREET                  | 2,638.02 |

## 2011 - 2024 Project List

|                                          |                                   |          |
|------------------------------------------|-----------------------------------|----------|
| Ohio Dept. of Parks and Recreation       | Gordon Park Waterline             | 2,539.45 |
| Relmec Mechanical, LLC                   | Parma Library                     | 2,500.00 |
| Smith & Oby Company                      | MMO Concrete Housekeeping Pad     | 2,400.00 |
| EPM Disb.                                | Slate Run Apartments              | 2,370.00 |
| Ballast Construction, Inc.               | MATT FIORUCCI TIME                | 2,331.20 |
| Delta Industrial Services, Inc.          | Cleveland Clinic Pullbox Drain    | 2,250.00 |
| SUMMIT PAINTING                          | Warrensville Heights School       | 2,224.60 |
| Northern Ohio Plumbing                   | GEISS-BORE                        | 2,200.00 |
| Reminderville, Village of                | *STONE BERM INSTALL               | 2,200.00 |
| BALLAST CONSTRUCTION INC                 | SHERWIN WILLIAMS HQ-SMITH&OBY     | 2,103.47 |
| North East Ohio Regional Sewer District  | MCT Silo Debris Removal           | 2,100.00 |
| Neptune Plumbing & Heating               | WATER BREAK E. 152nd St.          | 1,949.65 |
| V.I.P. ELECTRIC, CO.                     | NASA BOOM TRUCK & OPERATOR        | 1,827.94 |
| Relmec Mechanical, LLC                   | CLEVELAND AUDITORIUM SIDEWALK     | 1,750.00 |
| Cleveland Range, LLC                     | CLEVELAND RANGE                   | 1,739.72 |
| Relmec Mechanical, LLC                   | VA HOSPITAL PROJECT               | 1,673.69 |
| Relmec Mechanical, LLC                   | Marymount Gas Lines               | 1,673.22 |
| Ballast Construction, Inc.               | Mayfield & Ford Concrete Barriers | 1,620.48 |
| Relmec Mechanical, LLC                   | Ahuja Hydrant Job                 | 1,600.00 |
| Smith & Oby                              | Fifth Third Bank 1-9-12           | 1,529.52 |
| Johnson Controls / Keybank               | Sewer Cleaning - Solon Plant      | 1,520.00 |
| Shook Construction                       | Boom Rental                       | 1,500.00 |
| BALLAST CONSTRUCTION INC                 | CHICK-FIL-A OPERATOR              | 1,500.00 |
| Brady Signs                              | BRADY SIGNS                       | 1,452.00 |
| RELMEC MECHANICAL, LLC                   | KEY BANK EJECTOR PIT CLEANING     | 1,447.72 |
| SUMMIT PAINTING                          | WARRENSVILLE HTS. SCHOOL          | 1,445.78 |
| 21st Century Concrete Construction, Inc. | VA Hospital Vac Truck             | 1,440.00 |
| Ohio Dept. of Parks and Recreation       | E.55th Marina Waterline Repair    | 1,428.13 |
| Relmec Mechanical, LLC                   | *Transport Pea Gravel             | 1,408.53 |
| Cromwell Mechanicall                     | Video at Steel Plant              | 1,400.00 |
| Lubrizol Advanced Materials              | Cleaning Trench Drain             | 1,352.23 |
| Ballast Construction, Inc.               | CASINO 05/05/12 - One Day         | 1,341.83 |

|                            |                          |                         |
|----------------------------|--------------------------|-------------------------|
| Niro Excavation Plus, Inc. | Excavate for Ground Wire | 1,262.53                |
| Haydo, John                | JOHN HAYDO JOB           | 1,191.72                |
| BALLAST CONSTRUCTION INC   | CCF U1-623 MRI (RELMEC)  | 1,110.00                |
| THE FOWLER CO.             | MISC 10 56 FOWLER        | 1,087.36                |
| THE FOWLER CO.             | FOWLER UNLOAD PANELS     | 1,026.76                |
| BALLAST CONSTRUCTION INC   | CCF ADA RESTROOM "B"     | 872.24                  |
| Zenith Systems, LLC        | FRIBLEY HALL RENOVATIONS | 527.00                  |
| <b>Project Total:</b>      |                          | <b>\$ 88,460,720.71</b> |

## LISTING OF SUBCONTRACTORS

The undersigned offers the following information relative to the subcontractors or related or affiliated companies it intends to employ on this contract if such is awarded. The items and specific amounts of work assigned to each listed subcontract shall also be outlined. Duplicate this sheet as needed.

1. Name of Subcontractor: V.I.P. Electric, Co.  
Address: 8358 Mentor Avenue  
City Mentor State: Ohio Telephone: (440) 255-0180  
Description and/or Items of Work: Electrical Portion

Amount: \$ 36,000.00 Percent (%) of Contract: 11.23%

2. Name of Subcontractor: \_\_\_\_\_  
Address: \_\_\_\_\_  
City \_\_\_\_\_ State: \_\_\_\_\_ Telephone: \_\_\_\_\_  
Description and/or Items of Work: \_\_\_\_\_

Amount: \$ \_\_\_\_\_ Percent (%) of Contract: \_\_\_\_\_

3. Name of Subcontractor: \_\_\_\_\_  
Address: \_\_\_\_\_  
City \_\_\_\_\_ State: \_\_\_\_\_ Telephone: \_\_\_\_\_  
Description and/or Items of Work: \_\_\_\_\_

Amount: \$ \_\_\_\_\_ Percent (%) of Contract: \_\_\_\_\_

4. Name of Subcontractor: \_\_\_\_\_  
Address: \_\_\_\_\_  
City \_\_\_\_\_ State: \_\_\_\_\_ Telephone: \_\_\_\_\_  
Description and/or Items of Work: \_\_\_\_\_

Amount: \$ \_\_\_\_\_ Percent (%) of Contract: \_\_\_\_\_

Signature of Bidder:   
Bidder: \_\_\_\_\_  
(Mike Griffin, VP of Operations)



## FORM OF PERFORMANCE BOND (Sample)

KNOW ALL PERSONS BY THESE PRESENTS, that we, the undersigned \_\_\_\_\_ as principal and \_\_\_\_\_ as sureties, are hereby held and firmly bound unto \_\_\_\_\_ in the penal sum of \_\_\_\_\_ dollars, for the payment of which well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named principal did on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, enter into a contract with \_\_\_\_\_, which said contract is made a part of this bond the same as though set forth herein;

Now, if the said \_\_\_\_\_ shall well and faithfully do and perform the things agreed by \_\_\_\_\_ to be done and performed according to the terms of said contract; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract; we agreeing and assenting that this undertaking shall be for the benefit of any materialman or laborer having a just claim, as well as for the obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated. The said surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of the said contract or in or to the plans or specifications therefore shall in any wise affect the obligations of said surety on its bond.



## LABOR AND MATERIAL BOND

KNOW ALL MEN BY THESE PRESENTS, THAT whereas, the CITY OF BEACHWOOD, OHIO  
State of Ohio awarded to \_\_\_\_\_  
(Name of Contractor)

a \_\_\_\_\_, hereinafter designated as the  
(Corporation, Partnership or Individual)  
"Principal" a Contract Agreement, a copy of which is hereto attached and made part hereof for  
the construction of: \_\_\_\_\_  
\_\_\_\_\_

Whereas, said Principal is required under the terms of said Contract to furnish a bond in  
connection with said Contract Agreement, providing that if said Principal, or any of his or its  
subcontractors, shall fail to pay for any materials, provisions, provender or other supplies or  
teams used in, upon, for or about the performance of the Work contracted to be done, or for  
any Work or labor done thereon of any kind, the Surety on this bond will pay the same to the  
extend hereinafter set forth;

NOW THEREFORE, we the Principal and \_\_\_\_\_ as Surety, are held  
and firmly bound unto the CITY OF BEACHWOOD in the penal sum of  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) lawful  
money of the United States, for the payment of which sum well and truly to be made we bind  
ourselves, our heirs, executors, administrators, successors, or assigns jointly and severally,  
firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if said Principal, has or its heirs  
executors, administrators, successors, or assigns, shall fail to pay for any materials, provisions,  
or other supplies or teams used in upon or about the performance of the Work contracted to  
be done or for any labor thereon of any kind, as required by the provisions of all laws of the  
State of Ohio to secure the payment of claims of persons employed by contractors upon public  
works, and the claim of persons who furnish materials, supplies, teams, implements, or  
machinery used or consumed by such contractors in the performance of such work, and  
provided that the persons, companies, or corporations so furnishing said materials, provisions,  
or other supplies, teams, appliances or power used in, upon, for or about the performance of  
the Work contracted to be executed or performed, or any person, company or corporation  
renting or hiring teams or implements or machinery or power for or contributing to said Work  
to be done, or any person who performs Work or labor upon the same of any person who  
supplies both Work and materials therefore, shall have complied with provisions of said laws,  
then Surety shall pay the same in or to an amount not exceeding the amount hereinabove set  
forth, and will also pay in case suit is brought upon this bond, such reasonable attorney's fee,  
as shall be fixed by the Court, awarded and taxed as in the laws of the State of Ohio provided.

This bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under said laws, so as to give a right of action to them or their assigns in any suit brought upon this bond.

And the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract Agreement, or to the Work to be performed there under, or the Specifications accompanying the same, shall in any wise affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract Agreement or to the Work or to the Specifications.

WITNESS OUR SIGNATURES this \_\_\_\_ day of \_\_\_\_\_ A.D., 2026

\_\_\_\_\_

Principal

\_\_\_\_\_

Surety

### **CERTIFICATION OF COMPLIANCE WITH O.R.C. 3517.13**

The following certificates are required pursuant to Ohio's Campaign Finance Reform law.

One of the following two certificates shall be completed by any individual, partnership, unincorporated business, association, professional association, estate, trust, corporation, or business trust that has been awarded a contract by the City of Beachwood.

It shall be the Contractor's responsibility to determine which of the two certificates applies and if compliance with R.C. 3517.13 has been achieved.

**CERTIFICATION OF COMPLIANCE WITH O.R.C. 3517.13**

The City of Beachwood may enter into a contract for goods and/or services with \_\_\_\_\_ . The undersigned authorized representative of \_\_\_\_\_ certifies on behalf of \_\_\_\_\_ that all of the following persons, if applicable, are in compliance with division (I) of Ohio Revised Code Section 3517.13 with respect to all public officials who had the authority to award that contract and all public officials who may authorize or receive goods or services under that contract:

- N/A**
- A. the individual;
  - B. each partner or owner of the partnership or other unincorporated business;
  - C. each shareholder of the association;
  - D. each administrator of the estate;
  - E. each executor of the estate;
  - F. each trustee of the trust;
  - G. each spouse of any person identified in (A)-(F) above;
  - H. each child seven years of age to seventeen years of age of any person identified in (A)-(G) above;
  - I. any combination of persons identified in (A) – (H) above.

The undersigned certifies such compliance on and since the date that the contract was executed by all parties necessary for a valid contract with the City. This certification shall be a part of the above-referenced contract between the City and \_\_\_\_\_.

ON BEHALF OF COMPANY:

DATE SIGNED:

\_\_\_\_\_

Note: This form is to be used by an individual, partnership, or other unincorporated business, association, including without limitation, a professional association organized under Chapter 1785 of the Revised Code, estate or trust. If you are unsure if this form applies to you or if you are in compliance with R.C. 3517.13 you may want to contact an attorney.

*Knowingly making a false statement on this certification is considered a felony of the fifth degree and any such falsification will act as a rescission of this contract.*

### **CERTIFICATION OF COMPLIANCE WITH O.R.C. 3517.13**

The City of Beachwood may enter into a contract for goods and/or services with Nerone & Sons, Inc. ("Company"), an Ohio corporation. The undersigned authorized representative of Company certifies on behalf of the Company that all of the following persons, if applicable, are in compliance with division (J) of Ohio Revised Code Section 3517.13 with respect to all public officials who had the authority to award that contract and all public officials who may authorize or receive goods or services under that contract:

- A. each owner of more than twenty percent of the corporation or business trust;
- B. each spouse of each owner of more than twenty percent of the corporation or business trust;
- C. each child of seven years of age to seventeen years of age of each owner of more than twenty percent of the corporation or business trust;
- D. any combination of persons identified in (A) – (C) of this indented list.

The undersigned certifies such compliance on and since the date that the contract was executed by all parties necessary for a valid contract with the City. This certification shall be a part of the above-referenced contract between the City and Company.

ON BEHALF OF COMPANY: Nerone & Sons, Inc.

DATE SIGNED: 6-25-2026



(Mike Griffin, VP of Operations)

Note: This form is to be used by a corporation or business trust, except a professional association organized under Chapter 1785 of the Revised Code. If you are unsure if this form applies to you or if you are in compliance with R.C. 3517.13 you may want to contact an attorney.

*Knowingly making a false statement on this certification is considered a felony of the fifth degree and any such falsification will act as a rescission of this contract.*





August 25, 2025

Marianne DeLauro,  
Office Manager  
Nerone & Sons, Inc.  
19501 S Miles Road  
Warrensville Hts, OH 44128

SUBJECT: Certificate of Compliance Certification  
Status: Conditional  
Effective Dates: August 25, 2025 - February 25, 2026

Dear Marianne DeLauro:

The Ohio Department of Development, Minority Business Development Division (MBDD) hereby issues Nerone & Sons, Inc. a Certificate of Compliance. The Certificate shall be in force for 180 days from the date of issuance.

Section 9.47 of the Revised Code requires MBDD to review affirmative action programs and plans of each company desiring to participate on state or state-assisted construction contracts and determine whether that company has violated any affirmative action programs and goals for which that company was obligated to meet during the preceding five years. Based on the above-referenced review, MBDD has found no such violation(s).

Please be advised that for Nerone & Sons, Inc. to maintain certification status, Nerone & Sons, Inc. must continue to ensure equal employment opportunities in accordance with applicable state and federal EEO laws, rules, regulations, guidelines, and meet those contractual obligations for which Nerone & Sons, Inc. has agreed.

Sincerely,

Monica L. Womack  
Chief, Minority Business Development Division

Search...

Welcome Marianne!

<https://business.gateway.ohio.gov/secur/logout.jsp>

# Certificate of Compliance Application

Company Name

Nerone &amp; Sons, Inc.

Company ID

\*\*-\*\*\*8780



Set Transaction as Favorite.

**House Bill 96**, signed into law on June 30, 2025, impacts the **Certificate of Compliance (COC)** and **Affirmative Action Program Verification (AAPV)** requirements.

Effective **October 1, 2025**, the **affirmative action program provisions for contractors will be eliminated**, and the Ohio Department of Development's Minority Business Development Division will no longer process the following applications:

- **Affirmative Action Program Verification (AAPV)**
- **Certificate of Compliance (COC)**
- **Construction Compliance I-29**

For questions regarding **State of Ohio contract obligations**, please contact:  
**Department of Administrative Services – Office of Procurement Service**

- [das.statepurchasing@das.ohio.gov](mailto:das.statepurchasing@das.ohio.gov) (<mailto:das.statepurchasing@das.ohio.gov>)
- 614-466-5090

Cancel



April 25, 2025

Marianne DeLauro,  
CFO  
Nerone & Sons, Inc.  
19501 S Miles Road  
Warrensville Hts, OH 44128

SUBJECT: Affirmative Action Program Verification (AAPV)  
**Effective Dates:** April 25, 2025 - April 25, 2026

Dear Marianne DeLauro:

A business desiring to participate in the State of Ohio procurement process must demonstrate to the Ohio Department of Development, Minority Business Development Division (MBDD) that the company has complied with all applicable federal and state affirmative action programs for at least the last year.

After careful review of the provided affirmative action documentation, MBDD has determined that Nerone & Sons, Inc. satisfactorily meets the requirements set forth in Section 125.111(B) of the Ohio Revised Code as is required for participation in the State of Ohio procurement process. This letter shall serve as the State's official certification.

Please note that the MBDD may conduct an audit of Nerone & Sons, Inc. affirmative action program to determine the company's continued compliance with Section 125.111 of the Ohio Revised Code.

As the Affirmative Action Program Verification indicates, the State of Ohio values diversity among its business partners and their employees and hopes to see them grow and prosper. Consequently, MBDD was delighted to be able to assist your company by approving your affirmative action program efforts. If you need any assistance or have questions about the Affirmative Action Program Verification, its objectives, or its operation, please contact the MBDD at 614.466.8380

Sincerely,

Monica L. Womack  
Chief

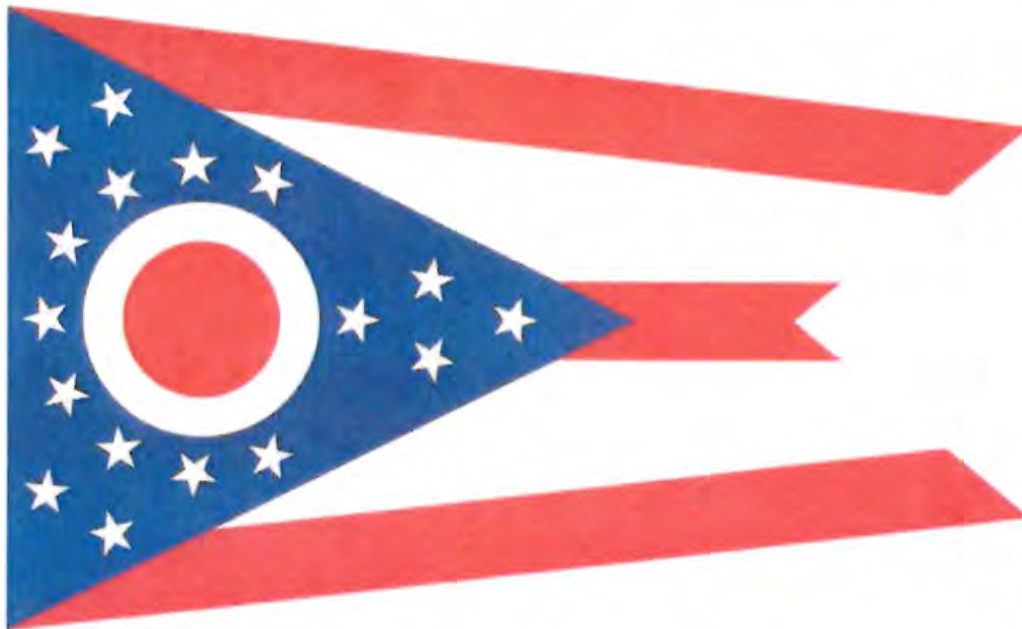


# Ohio Drops Affirmative Action Program Requirements for State Contractors

August 12, 2025

By [Janet Q. Lewis](#), [Amanda T. Quan](#), and [Zachary V. Zagger](#)

Ohio has eliminated requirements that state contractors maintain written affirmative action programs (AAPs) and that bidders for public improvement construction projects receive affirmative action certifications. The changes significantly alter the landscape for state contractors amid President Donald Trump's rollback of AAP compliance mandates for federal contractors.



## Quick Hits

- A new Ohio law will eliminate AAP requirements for state contractors.
- The changes align with the Trump administration's rollback of federal affirmative action mandates.
- Ohio was one of several states and local jurisdictions with its own contractor affirmative action requirements.

# STATEMENT OF NON-DISCRIMINATION

Nerone & Sons, Inc. (Company Name) does not discriminate in the workplace based on because of the race, color, religion, sex, military status, national origin, disability, age, or ancestry of any person, to discharge without just cause, to refuse to hire, or otherwise to discriminate against that person with respect to hire, tenure, terms, conditions, or privileges of employment, or any matter directly or indirectly related to employment.

By: Mike Griffin, VP of Operations

Date: 6-25-2026

  
\_\_\_\_\_  
President/Official Representative

\_\_\_\_\_



**CONTRACT BETWEEN THE CITY OF BEACHWOOD AND **CONTRACTOR COMPANY**  
FOR THE "Aquatic Center Pump Replacements (4) and Other Improvements" PROJECT**

This CONTRACT is by and between \_\_\_\_\_ COMPANY, located at \_\_\_\_\_ ("CONTRACTOR"), and the CITY OF BEACHWOOD, OHIO a municipal corporation located at 25325 Fairmount Boulevard, Beachwood, Ohio 44122 ("CITY");

**WITNESSETH:**

WHEREAS, the Clerk of Council, pursuant to a Motion passed by Council on \_\_\_\_\_ advertised for bids for the work and/or services hereinafter described on \_\_\_\_\_ and on \_\_\_\_\_ which bids were due on or before \_\_\_\_\_ o'clock P.M. on \_\_\_\_\_, at which time all bids were publicly opened and immediately tabulated and filed for public inspection with the Clerk of Council; and

WHEREAS, Council received the tabulation of the bids at a Public meeting held on \_\_\_\_\_, at which time Council adopted Ordinance No. \_\_\_\_\_ approving the bid of the CONTRACTOR ("BID") to be the lowest and best BID and awarding this Contract; and

WHEREAS, the CONTRACTOR expressly represents as a condition precedent to the validity and effect of this Contract, the execution hereof by the CONTRACTOR constitutes its affidavit that it is the sole entity or individual directly or indirectly interested in compensation for the delivery of labor and materials BID upon and to be awarded and performed herein, and was proposed without any connection or common interest in the profits with any undisclosed persons or entity submitting any proposal for the same and that the Contract proposal is in all respects fair and without collusion or fraud; that no employee or official of the CITY is directly or indirectly interested therein; that the CONTRACTOR in the performance of this Contract will not violate any laws applicable in the State of Ohio including, but not limited to the prevailing wage requirements of ORC 4113; and that the CONTRACTOR shall in no way engage or participate in any form of discrimination on this job.

NOW, THEREFORE, in consideration of the mutual covenants and promises herein contained, the CONTRACTOR and the CITY agree as follows:

**SECTION 1. SCOPE OF WORK**

CONTRACTOR shall furnish, deliver, provide and fully pay for all labor, materials, tools and equipment and all related services as may be necessary or required to perform in a good and workmanlike manner and to fully complete the **Aquatic Center Pump Replacements (4) and Other Improvements** ("Project") for the City of Beachwood, in compliance with the plans and specifications on file with the Clerk of Council of the City of Beachwood, which are incorporated herein by reference.

The work shall commence within ten (10) working days from the date of Notice of Authorization to Proceed and be completed by May 8, 2026, after written Notice of Authorization to Proceed. No sub-contracting and no deviation shall be allowed with respect to changes in scope of work or in costs or in any other respect, unless prior administrative approval in the form of a written Change Order is obtained

in advance from the City and is executed by the City Engineer, the Service Director and Finance Director acting within their authority, absent emergency circumstances jeopardizing the public health, safety or welfare in which event the City can waive this requirement.

All work by the CONTRACTOR shall be performed in accordance with this CONTRACT, the plans and specifications on file with the Clerk of Council of the City of Beachwood, and the BID. The plans and specifications and the BID are specifically incorporated herein as part of this CONTRACT. CONTRACTOR agrees to provide work in accordance with the plans and specifications and the BID. In the event of any conflict between the plans and specifications and the BID, the plans and specifications shall control. In the event of inconsistencies within or between parts of this CONTRACT, or between the plans and specifications and applicable standards, codes, and ordinances, CONTRACTOR shall (i) provide the better quality or greater quantity of work or (ii) comply with the more stringent requirement.

Prevailing wages are applicable to this CONTRACT. CONTRACTOR shall comply with Chapter 4115 of the Ohio Revised Code (Wages and Hours on Public Works). CONTRACTOR is responsible for verifying that the most current wage rates are utilized and for any changes in the prevailing wage rates or classifications throughout its performance of this CONTRACT.

## SECTION 2. CONTRACT PRICE

CITY shall pay the CONTRACTOR for the performance of this Contract, subject to any additions or deductions approved in accordance with the preceding paragraph, the amount submitted by the CONTRACTOR and accepted by the CITY, to wit \_\_\_\_\_ (\$\_\_\_\_\_) and agreed to by \_\_\_\_\_ (CONTRACTOR) for the Project on which this Contract is based and pursuant to the Purchase Order issued by the Director of Finance.

All payments shall be made by the Director of Finance of the CITY as progress, retainage or final payments become due upon written and signed acceptance and direction to pay issued by the City's Engineer.

## SECTION 3. INDEMNIFICATION

The CONTRACTOR shall indemnify and save the CITY and each and all of its public officials and employees harmless from any and all suits, liens, claims, actions or causes of actions arising out of the performance of this Contract asserted by an individual and/or any entity. Claims to be indemnified shall include, but not be limited to, claims of negligence or any other tort, Contract or any claim of breach thereof, any claim arising out of or based upon any alleged violation of federal, state or local law, statute or ordinance. The CONTRACTOR shall, at his or its own expense, defend the CITY and its officials in all litigation and indemnify the CITY and/or its Law Director and/or the CITY'S insurance carrier for all attorney's fees incurred, judgments and/or awards of damages, court costs and any other expenses arising out of such litigation or claims, whether or not such claim has any validity in fact.

The CONTRACTOR shall take out and maintain during the life of the Contract, such public Liability (Bodily Injury and Property Damage) Insurance as shall protect CONTRACTOR and any subcontractors

performing work covered by the Contract from claims for damages, for personal injury, including accidental death, as well as from claims for property damage which may arise from operations under the Contract, whether such operation be by itself or by anyone directly or indirectly employed by either of them. The CONTRACTOR shall maintain coverage of the types and in the amounts as specified below. The policy shall name the City as an additional insured and the City shall be a certificate holder. Proof of such insurance coverage shall be evidenced by submitting a certificate of insurance listing the City as an additional insured.

The amounts of such coverage shall be as follows:

BODILY INJURY LIABILITY

|               |              |
|---------------|--------------|
| EACH PERSON   | \$1,000,000. |
| EACH ACCIDENT | \$2,000,000. |

PROPERTY DAMAGE LIABILITY

|               |              |
|---------------|--------------|
| EACH ACCIDENT | \$1,000,000. |
|---------------|--------------|

Such insurance shall remain in full force and effect during the life of the contract. The Owner shall receive thirty (30) days prior written notice of policy cancellation.

SECTION 4. WARRANTY

The CONTRACTOR warrants: that it is the sole entity or individual directly or indirectly interested in compensation for the delivery of the labor and materials BID upon, awarded and performed under this Contract; that no subcontractor shall perform any part of this Contract without notice in advance to the City Engineer, and any objection thereto shall be presented first to the Mayor, and then to the Council for resolution; that the proposal made upon which this Contract is based was made without any connection or common interest in the profits with any undisclosed persons or entity making any quotation or proposal for the said work; that the Contract is, on the part of the CONTRACTOR in all respects fair and without collusion or fraud; that no employee or official of the City of Beachwood is directly or indirectly interested therein; that the CONTRACTOR in the performance of this Contract will not violate any laws applicable in the State of Ohio; that the CONTRACTOR will in no way engage in or participate in any form of discrimination.

SECTION 5. COMPLIANCE WITH LAW

The CONTRACTOR shall comply with all laws applicable in the City of Beachwood or the State of Ohio including, but not limited to the prevailing wage requirements of the Beachwood Codified Ordinances, Section 168.20; CONTRACTOR shall not engage or participate in any form of discrimination on the Project.



#### SECTION 6. COMPONENT PARTS OF CONTRACT

This Contract consists of this instrument and the component parts attached hereto, all of which are incorporated herein as if fully rewritten, numbered and signed by the parties. Such documents, unless waived in writing by the Law Director, shall include, but are not limited to, plans and drawings, specifications, warranties, performance bond approved by the City Law Director, proof of satisfactory liability insurance, proof of workers' compensation coverage, the laws of Ohio, the laws of the City of Beachwood, copies of advertisement, bid tabulations and purchase orders.

#### SECTION 7. DISPUTES

In the event of dispute, the CONTRACTOR first shall be required to and shall have the right to appeal directly to the Council of the City of Beachwood, and a decision by Council shall be a condition precedent to the institution of any litigation in a court of competent jurisdiction. Any legal action arising out of this Contract shall be brought only in a court of competent jurisdiction sitting in Cuyahoga County, Ohio.

#### SECTION 8. PURCHASE ORDER

It shall be the responsibility of the CONTRACTOR to obtain a copy of the purchase order issued by the City for the approved amount of this contract. Furthermore, it shall be the responsibility of CONTRACTOR to track remaining funds available and to not invoice the City for any amounts not approved by the terms of this Contract. Any alterations to this Contract shall conform to BCO 121.09(a). Invoices that exceed the approved amount of this Contract will not be paid by the City.

#### SECTION 9. FINDINGS FOR RECOVERY CERTIFICATION

Ohio law prohibits any state agency or political subdivision from awarding a contract, in excess of twenty-five thousand dollars (\$25,000.00), for goods, services, or construction to any person against whom a finding of recovery has been issued by the Auditor of State, if that finding is unresolved. Contractor certifies that an unresolved finding for recovery has not been issued against Contractor and attached is a completed Findings For Recovery Certification.

#### SECTION 10. EXECUTION OF CONTRACT

This Contract was executed on behalf of the CONTRACTOR by \_\_\_\_\_, as authorized by corporate resolution to be furnished on request, and by Justin Berns, Mayor of the City of Beachwood, Ohio, as authorized by the Council of the City of Beachwood, Ohio. This Contract may be executed by electronic mail or facsimile and in counterparts, each of which shall be deemed an original and all of which shall be deemed to be one and the same instrument.

SECTION 11. ENTIRE CONTRACT

This is the entire Contract between the parties and shall not be altered except in writing signed by both parties, or except for any changes which the City Engineer is authorized to make in the scope of the project pursuant to the implied and express authority set forth in the Contract. All provisions of this Contract are to be interpreted according to the laws of or applicable to the State of Ohio, and made effective in Beachwood, Ohio.

IN WITNESS WHEREOF, the Parties have executed this Contract the day and year first written below.

\_\_\_\_\_ **COMPANY**

**CITY OF BEACHWOOD**

By: \_\_\_\_\_

By: \_\_\_\_\_  
Mayor

Its: \_\_\_\_\_

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

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

Approved as to Form:

\_\_\_\_\_  
City Law Department  
R. Todd Hunt, Law Director  
25325 Fairmount Boulevard  
Beachwood, OH 44122  
(216) 595-5464



### **FINDINGS FOR RECOVERY CERTIFICATION**

I am aware that Ohio law, under certain circumstances, prohibits a political subdivision from awarding a contract for goods, services or construction to any person against whom a finding of recovery has been issued by the Auditor of State, if that finding is unresolved. I hereby certify that an unresolved finding for recovery has not been issued against Nerone & Sons, Inc. Company.

  
SIGNATURE

Mike Griffin  
PRINTED NAME

Vice President of Operations  
TITLE

June 25, 2026  
DATE



**Office of Auditor of State**  
88 East Broad Street  
Post Office Box 1140  
Columbus, OH 43216-1140

Auditor of State - Unresolved Findings for Recovery Certified Search

(614) 466-4514  
(800) 282-0370

I have searched The Auditor of State's unresolved findings for recovery database using the following criteria:

Contractor's Information:

Name: **Griffin, Mike**  
Organization: **Nerone & Sons, Inc.**  
Date: **6/17/2026 9:42:18 AM**

This search produced the following list of **18** possible matches:

| Name/Organization           | Address                     |
|-----------------------------|-----------------------------|
| Fox, Mike                   | 17279 San Carlos Blvd. #217 |
| Skatula, Mike               | 709 Twp Rd 115              |
| VanCleaf, Mike              | 341 Stonewall Ct.           |
| Bonner, Bruce               | 19101 Wickfield Ave.        |
| Bringardner, Leo J          | 63-A N Franklin St          |
| Conners, Roger              | 3491 Hillside Avenue        |
| Cortner, Laquetta           | 3145 Thorndyke Street       |
| Dunn, Tamika S              | 112 Versailles #H           |
| Eisner-Elliott, Tonya       | 509 Olden Ave               |
| First Time Learners Academy | 928 West Market Street      |
| Garner, Mel                 |                             |
| Grinner, Martha             |                             |
| Grize, Douglas              |                             |
| Nerviano, Thomas            | 236 England Hollow Road     |
| Turner, Holly               | 28680 SR 67                 |
| Village's General Fund      | 432 N. Richardson Ave.      |
| Wagner, Lee                 | 668 Omar Circle             |
| Wagner, Richard             |                             |

The above list represents possible matches for the search criteria you entered. Please note that pursuant to ORC 9.24, only the person (which includes an organization) actually named in the finding for recovery is prohibited from being awarded a contract.

If the person you are searching for appears on this list, it means that the person has one or more findings for recovery and is prohibited from being awarded a contract described in ORC 9.24, unless one of the exceptions in that section apply.

If the person you are searching for does not appear on this list, an initialed copy of this page can serve as documentation of your compliance with ORC 9.24(E).

Please note that pursuant to ORC 9.24, it is the responsibility of the public office to verify that a person to whom it plans to award a contract does not appear in the Auditor of State's database. The Auditor of State's office is not responsible for inaccurate search results caused by user error or other circumstances beyond the Auditor of State's control.

CLEVELAND

**AFFIDAVIT OF (<sup>SUB</sup>ORIGINAL) CONTRACTOR**

\_\_\_\_\_, Ohio, \_\_\_\_\_ 2006

STATE OF OHIO, \_\_\_\_\_ COUNTY, ss:

\_\_\_\_\_ being first duly sworn, says that he is

President \_\_\_\_\_ of \_\_\_\_\_ the

Sub \_\_\_\_\_ }

Original \_\_\_\_\_ } contractor having a contract with \_\_\_\_\_

the \_\_\_\_\_

for \_\_\_\_\_ situated

on or around or in front of the following described property: \_\_\_\_\_

whereof \_\_\_\_\_ was the owner, part owner or lessee.

Affiant further says that the following shows the names of every sub-contractor in the employ of said \_\_\_\_\_ giving the amount, if any, which is due, or to become due, to them, or any of them, for work done or machinery, material or fuel furnished to date hereof, under said contracts.

**NOTE:** This statement must be accompanied by a similar sworn statement signed by each of the sub-contractors listed below.

**SUB-CONTRACTORS**

| NAME | TRADE | Amount due or to become due for work and material furnished to date hereof. |
|------|-------|-----------------------------------------------------------------------------|
|      |       |                                                                             |
|      |       |                                                                             |
|      |       |                                                                             |

Said affiant further says that the following shows the names of every person furnishing machinery, material or fuel to \_\_\_\_\_ giving the amount, if any, which is due, or to become due, to them or any of them, for machinery, material or fuel furnished to date hereof, under said contracts.

**MATERIAL MEN**

| NAME | TRADE | Amount due or to become due for work and material furnished to date hereof. |
|------|-------|-----------------------------------------------------------------------------|
|      |       |                                                                             |
|      |       |                                                                             |
|      |       |                                                                             |

Said affiant further says that the following shows the names of every unpaid laborer in the employ of \_\_\_\_\_ furnishing labor under said contract, giving the amount, if any, which is due, or to become due for labor done to date hereof.

Note: If the fact is that every laborer has been paid in full, then recite: "Every laborer has been paid in full".  
If not, then give each unpaid laborer's name and the amount due or to become due.

#### LABOR

| NAME | HOURS | Amount due or to become due for labor furnished to date hereof. |  |
|------|-------|-----------------------------------------------------------------|--|
|      |       |                                                                 |  |
|      |       |                                                                 |  |
|      |       |                                                                 |  |
|      |       |                                                                 |  |

That the amounts due or to become due to said sub-contractors, material men and laborers, for work done, or machinery, material or fuel furnished to the date hereof, to \_\_\_\_\_ is fully and correctly set forth opposite their names, respectively, in the aforesaid statements, and further evidenced by certificates of every person furnishing machinery, material or fuel, hereto attached, and made a part hereof.

Affiant further says that \_\_\_\_\_ has not employed or purchased or procured machinery, material or fuel from, or sub-contracted with any person, firm or corporation, other than those above mentioned, and owes for no labor performed, or machinery, material or fuel furnished under said contracts, other than above set forth.

SWORN TO BEFORE ME AND SUBSCRIBED IN MY PRESENCE, at \_\_\_\_\_ Ohio, this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 2006.

\_\_\_\_\_  
Notary Public

#### CERTIFICATE OF MATERIAL MEN

\_\_\_\_\_ Ohio, \_\_\_\_\_ 2006

The undersigned certify that to the date hereof they have furnished machinery, material or fuel as set out herein to \_\_\_\_\_ for \_\_\_\_\_

\_\_\_\_\_ situated on or around or in front of the property described in the foregoing affidavit; that the nature of said machinery, material or fuel furnished, the date when they commenced furnishing the same and the amount now due or owing to each of them, is correctly stated and set opposite their respective names or they have been paid in full, if so acknowledged hereon.

| NAME | Machinery, materials or fuel and nature of the same. | Commenced Furnishing | Amount due or to become due to date hereof. |
|------|------------------------------------------------------|----------------------|---------------------------------------------|
|      |                                                      |                      |                                             |
|      |                                                      |                      |                                             |
|      |                                                      |                      |                                             |
|      |                                                      |                      |                                             |

**Affidavit of Compliance  
PREVAILING WAGES**

I, \_\_\_\_\_  
(Name of person signing affidavit)(Title)

do hereby certify that the wages paid to all employees of

\_\_\_\_\_  
(Company Name)

for all hours worked on the

\_\_\_\_\_  
(Project name and location)

project, during the following period from \_\_\_\_\_ to \_\_\_\_\_ are in  
(Project Dates)

compliance with prevailing wage requirements of Chapter 4115 of the Ohio Revised Code. I further certify that no rebates or deductions have been or will be made, directly or indirectly, from any wages paid in connection with this project, other than those provided by law.

\_\_\_\_\_  
(Signature of Officer or Agent)

Sworn to and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_ 2006.

\_\_\_\_\_  
(Notary Public)

The above affidavit must be executed and sworn to by the officer or agent of the contractor or subcontractor who supervises the payment of employees. This affidavit must be submitted to the owner (public authority) before the surety is released or final payment due under the terms of the contract is made.

LAW1003



**CONSENT OF SURETY  
For Final Payment**

Project Name \_\_\_\_\_  
Location \_\_\_\_\_  
Project No. \_\_\_\_\_ Contract No. \_\_\_\_\_  
Type of Contract \_\_\_\_\_  
Amount of Contract \_\_\_\_\_

In accordance with the provisions of the above name contract between the Owner and the Contractor, the following names surety:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

on the Payment Bond of the following name Contractor:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

hereby approves of final payment to the Contractor, and further agrees that said final payment to the Contractor shall not relieve the Surety Company named herein of any of its obligations to the following named Owner: as set forth in said Surety company's bond:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2006

(Affix corporate  
seal here)

\_\_\_\_\_  
(Name of Surety Company)

\_\_\_\_\_  
(Signature of Authorized Representative)

TITLE \_\_\_\_\_

# Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 207

Type of Rate: Commercial

Change #:  
LCN01-2025ib

Craft:  
Asbestos Worker

Effective Date:  
8/6/2025

Effective Date:  
8/6/2025

|                    | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                    |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification     |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Asbestos Abatement | \$32.50 |         | \$10.95                 | \$7.25  | \$0.75  | \$3.75 | \$0.00  | \$0.05 | \$0.00           | \$0.00   | \$55.25   | \$71.50       |
| Apprentice         | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| Trainee            | \$22.00 | \$67.69 | \$10.95                 | \$1.90  | \$0.75  | \$1.00 | \$0.00  | \$0.05 | \$0.00           | \$0.00   | \$36.65   | \$47.65       |

## (\*)Special Calculation Note :

Other: Drug Testing

## Ratio :

3 Journeymen to 1 Trainee

## Jurisdiction ( \* denotes special jurisdictional note ) :

Adams, Ashland, Ashtabula\*, Athens, Auglaize, Brown, Butler\*, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Delaware, Erie\*, Fairfield, Fayette, Franklin, Geauga, Greene, Guernsey, Hamilton, Hardin, Harrison, Highland, Hocking, Holmes, Huron, Knox, Lake, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Miami, Montgomery, Morgan, Morrow, Muskingum, Noble, Perry, Pickaway, Portage, Preble, Richland, Ross, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren\*, Wayne

## Special Jurisdictional Note :

Ashtabula County: (post offices & townships of Ashtabula, Austinburg, Geneva, Harperfield, Jefferson, Plymouth & Saybrook) (townships of Andover, Cherry Valley, Colbrook, Canneaut, Denmark, Dorset, East Orwell, Hartsgrove, Kingville, Lenox, Monroe, Morgan, New Lyme, North Kingsville, Orwell, Pierpoint, Richmond, Rock Creek, Rome, Sheffield, Trumbull, Wayne, Williamsfield & Windsor)

Butler County: (townships of Fairfield, Hanover, Liberty, Milford, Morgan, Oxford, Ripley, Ross, St. Clair, Union & Wayne) (Lemon & Madison)

Erie County: (post offices & townships of Berlin, Berlin Heights, Birmingham, Florence, Huron, Milan, Shinrock & Vermilion)

Warren County: (townships of: Deerfield, Hamilton, Harlan, Salem, Union & Washington) (Clear Creek, Franklin, Mossie, Turtle Creek & Wayne)

## Details :

An Abatement Journeyman is anyone who has more than 600 hours in the Asbestos Abatement field.

Asbestos & lead paint abatement including, but not limited to the removal or encapsulation of asbestos & lead paint, all work in conjunction with the preparation of the removal of same & all work in conjunction with the clean up after said removal. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) is recognized as being the exclusive work of the Asbestos Abatement Workers.

On all mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) that are going to be demolished, the removal of all insulating materials whether they contain asbestos or not shall be the exclusive work of the Laborers.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Asbestos Local 3 Heat & Frost Insulators

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Asbestos Worker

**Effective Date:**  
8/20/2025

**Effective Date:**  
8/20/2025

|                            | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                            |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification             |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Asbestos Insulation Worker | \$45.63 |         | \$16.60                 | \$10.75 | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$72.98   | \$95.80       |
| Fire Stop Specialist       | \$45.63 |         | \$16.60                 | \$10.75 | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$72.98   | \$95.80       |
| Fire Stop Technician       | \$37.28 |         | \$16.60                 | \$4.50  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$58.38   | \$77.02       |
| Apprentice                 | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year                   | \$25.69 | \$56.30 | \$16.60                 | \$1.50  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$43.79   | \$56.64       |
| 2nd year                   | \$28.34 | \$62.10 | \$16.60                 | \$2.50  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$47.44   | \$61.61       |
| 3rd year                   | \$31.00 | \$67.93 | \$16.60                 | \$3.50  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$51.10   | \$66.60       |
| 4th year                   | \$37.28 | \$81.70 | \$16.60                 | \$4.50  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$58.38   | \$77.02       |

**(\*)Special Calculation Note :**

**Ratio :**

3 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula\*, Cuyahoga, Erie\*, Geauga, Huron, Lake, Lorain

**Special Jurisdictional Note :**

Ashtabula: the townships of Ashtabula, Austinburg, Geneva, Jefferson, Plymouth & Saybrook  
Erie: to Sandusky limits

**Details :**

Mechanics & apprentices engaged in the manufacture, fabrication, assembling, molding, handling, erection, spraying, pouring, mixing, hanging, clean-up, preparation, application, adjusting, alteration, repairing, dismantling, reconditioning, testing & maintenance of Heat & Frost Insulation such as Magnesia, Asbestos, Hair Felt, Wool Felt, Cork, Mineral Wool, Infusorial Earth, Mercerized Silk, Flax, Fiber, Fire Felt, Asbestos Paper, Asbestos Curtain, Asbestos Millboard, Fiberglass, Foam glass, Styrofoam, Polyurethane, fire stopping, smoke stopping, all recyclable material, soundproofing, all penetrations, any flexible or rigid fireproofing, all jacketing systems including metal, lead, and PVC or other material.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Boilermaker Local 744

**Type of Rate:** Commercial

**Change #:**  
LCN01-2024ib

**Craft:**  
Boilermaker

**Effective Date:**  
6/5/2024

**Effective Date:**  
6/5/2024

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Boilermaker    | \$42.70 |         | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$78.19   | \$99.54       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months   | \$29.89 | \$70.00 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$65.38   | \$80.33       |
| 2nd 6 months   | \$30.96 | \$72.50 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$66.45   | \$81.93       |
| 3rd 6 months   | \$32.03 | \$75.00 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$67.52   | \$83.53       |
| 4th 6 months   | \$33.09 | \$77.50 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$68.58   | \$85.13       |
| 5th 6 months   | \$34.16 | \$80.00 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$69.65   | \$86.73       |
| 6th 6 months   | \$36.30 | \$85.00 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$71.79   | \$89.93       |
| 7th 6 months   | \$38.43 | \$90.00 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$73.92   | \$93.14       |
| 8th 6 months   | \$40.57 | \$95.00 | \$7.07                  | \$17.74 | \$0.78  | \$0.00 | \$9.56  | \$0.34 | \$0.00           | \$0.00   | \$76.06   | \$96.34       |

## (\*)Special Calculation Note :

Other: Training Fund

## Ratio :

3 Journeymen to 1 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Carroll, Coshocton, Cuyahoga, Geauga, Harrison, Holmes, Lake, Lorain, Mahoning, Medina, Portage, Stark, Summit, Trumbull, Tuscarawas, Wayne

## Special Jurisdictional Note :

## Details :



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 (Cleveland Marble Finisher)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2024ib

**Craft:**  
Bricklayer

**Effective Date:**  
5/1/2024

**Effective Date:**  
5/1/2024

|                                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|------------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Bricklayer<br>Tile<br>Marble<br>Finisher | \$30.52 |         | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$47.73   | \$62.99       |
| Apprentice                               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months                             | \$18.31 | \$60.00 | \$11.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$29.71   | \$38.87       |
| 2nd 6 months                             | \$21.36 | \$70.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$38.57   | \$49.26       |
| 3rd 6 months                             | \$22.89 | \$75.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$40.10   | \$51.55       |
| 4th 6 months                             | \$24.42 | \$80.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$41.63   | \$53.83       |
| 5th 6 months                             | \$25.94 | \$85.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$43.15   | \$56.12       |
| 6th 6 months                             | \$27.47 | \$90.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$44.68   | \$58.41       |

## (\*)Special Calculation Note :

Classification title contains "Bricklayer" because contract originates within the Bricklayer Local. Note that the classification description is clarified after the local union number at the top of the page.

## Ratio :

1-2 Journeymen to 1 Apprentice 3- 4 Journeymen to 2 Apprentice 5-6 Journeymen to 3 Apprentice 7-8 Journeymen to 4 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, Summit

## Special Jurisdictional Note :

## Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of it. They shall handle and distribute all materials such as sand,cement,lime,tile,all types of tile panels,prefabricated tile units, plastic materials and protective covering of all tile.Clean up and removal of always used in connection of said work. Terrazzo Finishers:Assisting in grinding, and handling of material whether by hand or wheel barrow, or power buggies, including sand Portland cement, resinous cement and admixtures, aggregates of marble, stone or other compositions, bonding adhesives, sealers, waxes, and coatings used for Terrazzo Mosaic work, preparing, mixing by hand or machine, and distributing (spreading) all kinds of underbed or underlayment necessary and all scratch coat used for terrazzo and mosaic work. Also the rubbing, grinding, cleaning, sealing and polishing same either by hand or machine. will assist in the installation of the sand bed, tar paper, wire lath, divider strips, and rolling procedures and acid etching of all concrete floors that require it before installation. Shall handle all materials and assist in the installation of all types of terrazzo floors whether conventional or thin-set variety. Marble Finishers>Loading and unloading handling and distributing of marble materials including the mixing of all materials used for the installation of marble, such as cement underbeds for the floors, thin-set or epoxies including but not limited to plastic materials. Clean up and removal of all waster material of said work. Cleaning and grouting of all marble and slate, and all polishing of marble and slate floors.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 (Cleveland Marble Mason)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2024ib

**Craft:**  
Bricklayer

**Effective Date:**  
5/1/2024

**Effective Date:**  
5/1/2024

|                                    | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                    |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                     |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Bricklayer Horizontal Marble Mason | \$27.16 |         | \$11.40                 | \$9.45  | \$0.67  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$48.68   | \$62.26       |
| Masonry Maintenance Specialist     | \$13.58 |         | \$0.00                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$13.58   | \$20.37       |
| Apprentice                         | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 Months                       | \$16.30 | \$60.00 | \$11.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$27.70   | \$35.84       |
| 2nd 6 Months                       | \$17.65 | \$65.00 | \$11.40                 | \$1.60  | \$0.67  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$31.32   | \$40.15       |
| 3rd 6 Months                       | \$19.01 | \$70.00 | \$11.40                 | \$9.45  | \$0.67  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$40.53   | \$50.04       |
| 4th 6 Months                       | \$20.37 | \$75.00 | \$11.40                 | \$9.45  | \$0.67  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$41.89   | \$52.08       |
| 5th 6 Months                       | \$21.73 | \$80.00 | \$11.40                 | \$9.45  | \$0.67  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$43.25   | \$54.11       |
| 6th 6 Months                       | \$23.09 | \$85.02 | \$11.40                 | \$9.45  | \$0.67  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$44.61   | \$56.16       |
| MASON TRAINEES                     | \$      | \$      | \$                      | \$      | \$      | \$     | \$      | \$     | \$               | \$       | \$        | \$            |
| 1st 90 Days                        | \$12.22 | \$45.00 | \$0.00                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$12.22   | \$18.33       |
| 1st year after 90 Days             | \$12.22 | \$45.00 | \$11.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$23.62   | \$29.73       |
| 2nd Year                           | \$13.58 | \$50.00 | \$11.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$24.98   | \$31.77       |

## (\*)Special Calculation Note :

No special calculations for this skilled craft wage rate are required at this time. Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

## Ratio :

1-2 Journeyman to 1 Apprentice 3-4 Journeyman to 2 Apprentices 5-6 Journeyman to 2 Apprentices 6-10 Journeyman to 3 Apprentices 1 Apprentice permits 1 Mason Trainee 2 Apprentice permits 1 Mason Trainee 3 Apprentice permits 2 Mason Trainee 4 Apprentice permits 2 Mason Trainee

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, Summit



#### **Special Jurisdictional Note :**

#### **Details :**

In the mutual interest of both Employer and Union and to promote the masonry industry, it is agreed that the Employer may work with the Union and the Local Educational Partners in the jurisdiction of this agreement to employ School to work students provided that no conflicts exist with any Federal or State Laws. Employer must be party to a bonified Apprenticeship and Training program registered with the State of Ohio (OSAC). It is further agreed by both parties that the wages for the Masonry Maintenance Specialist shall be forty-five percent (45%) of the journeyman rate with no fringe benefits or as specified by the Local Educational Partner in the jurisdiction of the agreement.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 (Cleveland Terrazzo Finisher)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2024ib

**Craft:**  
Bricklayer

**Effective Date:**  
5/1/2024

**Effective Date:**  
5/1/2024

|                              | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                              |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification               |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Bricklayer Terrazzo Finisher | \$30.52 |         | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$47.73   | \$62.99       |
| Apprentice                   | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months                 | \$18.31 | \$60.00 | \$11.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$29.71   | \$38.87       |
| 2nd 6 months                 | \$21.36 | \$70.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$38.57   | \$49.26       |
| 3rd 6 months                 | \$22.89 | \$75.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$40.10   | \$51.55       |
| 4th 6 months                 | \$24.42 | \$80.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$41.63   | \$53.83       |
| 5th 6 months                 | \$25.94 | \$85.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$43.15   | \$56.12       |
| 6th 6 months                 | \$27.47 | \$90.00 | \$11.40                 | \$5.15  | \$0.66  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$44.68   | \$58.41       |

## (\*)Special Calculation Note :

Classification title contains "Bricklayer" because contract originates within the Bricklayer Local. Note that the classification description is clarified after the local union number at the top of the page.

## Ratio :

1-2 Journeymen to 1 Apprentice 3- 4 Journeymen to 2 Apprentices 5- 6 Journeymen to 3 Apprentices 7- 8 Journeymen to 4 Apprentices

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, Summit

## Special Jurisdictional Note :

## Details :



Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of it. They shall handle and distribute all materials such as sand,cement,lime,tile,all types of tile panels,prefabricated tile units, plastic materials and protective covering of all tile.Clean up and removal of always used in connection of said work. Terrazzo Finishers:Assisting in grinding, and handling of material whether by hand or wheel barrow, or power buggies, including sand Portland cement, resinous cement and admixtures, aggregates of marble, stone or other compositions, bonding adhesives, sealers, waxes, and coatings used for Terrazzo Mosaic work, preparing, mixing by hand or machine, and distributing (spreading) all kinds of underbed or underlayment necessary and all scratch coat used for terrazzo and mosaic work. Also the rubbing, grinding, cleaning, sealing and polishing same either by hand or machine. will assist in the installation of the sand bed, tar paper, wire lath, divider strips, and rolling procedures and acid etching of all concrete floors that require it before installation. Shall handle all materials and assist in the installation of all types of terrazzo floors whether conventional or thin-set variety. Marble Finishers>Loading and unloading handling and distributing of marble materials including the mixing of all materials used for the installation of marble, such as cement underbeds for the floors, thin-set or epoxies including but not limited to plastic materials. Clean up and removal of all waster material of said work. Cleaning and grouting of all marble and slate, and all polishing of marble and slate floors.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 (Cleveland Zone 1 Tile Finisher)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Bricklayer

**Effective Date:**  
5/6/2026

**Effective Date:**  
5/6/2026

|                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Bricklayer Tile Finisher | \$33.25 |         | \$10.20                 | \$6.37  | \$0.76  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$50.58   | \$67.20       |
| Apprentice               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months             | \$19.95 | \$60.00 | \$10.20                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$30.15   | \$40.13       |
| 2nd 6 months             | \$23.28 | \$70.02 | \$10.20                 | \$6.37  | \$0.76  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$40.61   | \$52.25       |
| 3rd 6 months             | \$24.94 | \$75.00 | \$10.20                 | \$6.37  | \$0.76  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$42.27   | \$54.74       |
| 4th 6 months             | \$26.60 | \$80.00 | \$10.20                 | \$6.37  | \$0.76  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$43.93   | \$57.23       |
| 5th 6 months             | \$28.26 | \$85.00 | \$10.20                 | \$6.37  | \$0.76  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$45.59   | \$59.72       |
| 6th 6 months             | \$29.93 | \$90.00 | \$10.20                 | \$6.37  | \$0.76  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$47.26   | \$62.22       |

**(\*)Special Calculation Note :**

**Ratio :**

1-4 Journeymen to 1 Apprentice  
5-10 Journeymen to 2 Apprentices  
11-16 Journeymen to 3 Apprentices

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina

**Special Jurisdictional Note :**

**Details :**

Tile Finishers: do all the cleaning, acid washing, grouting, by any methods or means. Also unpacking of all tiles, opening of all mastic containers, mixing of all mortar, thin-set and epoxy materials, also the distribution of it. They shall handle and distribute all materials such as sand, cement, lime, tile, all types of tile panels, prefabricated tile units, plastic materials and protective covering of all tile. Clean up and removal of always used in connection of said work.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 (Cleveland Zone 1 Tile Layer)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Bricklayer

**Effective Date:**  
5/6/2026

**Effective Date:**  
5/6/2026

|                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Bricklayer<br>Tile Layer | \$38.22 |         | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$58.91   | \$78.02       |
| Apprentice               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 30 days              | \$22.93 | \$60.00 | \$0.00                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$22.93   | \$34.39       |
| 1st 6 months             | \$22.93 | \$60.00 | \$10.30                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$33.23   | \$44.69       |
| 2nd 6 months             | \$24.84 | \$65.00 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$45.53   | \$57.95       |
| 3rd 6 months             | \$26.75 | \$70.00 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$47.44   | \$60.81       |
| 4th 6 months             | \$28.67 | \$75.02 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$49.36   | \$63.70       |
| 5th 6 months             | \$30.58 | \$80.00 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$51.27   | \$66.56       |
| 6th 6 months             | \$32.49 | \$85.00 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$53.18   | \$69.42       |
| 7th 6 months             | \$34.40 | \$90.00 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$55.09   | \$72.29       |
| 8th 6 months             | \$36.31 | \$95.00 | \$10.30                 | \$2.43  | \$0.84  | \$0.00 | \$7.12  | \$0.00 | \$0.00           | \$0.00   | \$57.00   | \$75.16       |

**(\*)Special Calculation Note :**

**Ratio :**

1-4 Journeymen to 1 Apprentice  
5-10 Journeymen to 2 Apprentices  
11-16 Journeymen to 3 Apprentices

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina

**Special Jurisdictional Note :**

**Details :**



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 (Cleveland)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Bricklayer

**Effective Date:**  
5/20/2026

**Effective Date:**  
5/20/2026

|                                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                 |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Bricklayer                     | \$43.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.60   | \$89.14       |
| Stone Mason                    | \$43.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.60   | \$89.14       |
| Pointer Caulker Cleaner        | \$43.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.60   | \$89.14       |
| Marble Mason                   | \$43.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.60   | \$89.14       |
| Terrazzo Worker                | \$43.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.60   | \$89.14       |
| Cement Mason                   | \$43.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.60   | \$89.14       |
| Sandblaster                    | \$43.33 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$67.85   | \$89.52       |
| Sewer Stack                    | \$43.58 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$68.10   | \$89.89       |
| Swing Scaffold                 | \$44.08 |         | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$68.60   | \$90.64       |
| Masonry Maintenance Specialist | \$21.54 |         | \$0.00                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$21.54   | \$32.31       |
| Apprentice                     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 Months                   | \$25.85 | \$60.00 | \$12.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$38.25   | \$51.18       |
| 2nd 6 Months                   | \$28.00 | \$65.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$52.52   | \$66.52       |
| 3rd 6 Months                   | \$30.16 | \$70.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$54.68   | \$69.76       |
| 4th 6 Months                   | \$32.31 | \$75.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$56.83   | \$72.99       |
| 5th 6 Months                   | \$34.46 | \$80.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$58.98   | \$76.21       |
| 6th 6 Months                   | \$36.62 | \$85.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$61.14   | \$79.45       |
| 7th 6 Months                   | \$38.77 | \$90.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$63.29   | \$82.68       |
| 8th 6 Months                   | \$40.93 | \$95.00 | \$12.40                 | \$11.16 | \$0.96  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$65.45   | \$85.91       |
| MASON TRAINEE S 1st 90 Days    | \$19.39 | \$45.00 | \$0.00                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$19.39   | \$29.09       |
| 1st Year AFTER 90 Days         | \$19.39 | \$45.00 | \$12.40                 | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$31.79   | \$41.48       |



|          |         |         |         |        |        |        |        |        |        |        |         |         |
|----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 2nd Year | \$21.54 | \$50.00 | \$12.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$33.94 | \$44.71 |
|----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|---------|

**(\*)Special Calculation Note :**

**Ratio :**

- 1-2 Journeymen to 1 Apprentice permits 1 Trainee
- 3-4 Journeymen to 2 Apprentices permits 1 Trainee
- 5-6 Journeymen to 2 Apprentices permits 2 Trainees
- 6-10 Journeymen to 3 Apprentices permits 2 Trainees

\*Apprentice must be hired prior to hiring Mason Trainees

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Lorain, Medina

**Special Jurisdictional Note :**

**Details :**

\*Masonry Maintenance Specialist\* \* \* - in partnership with a local education organization employer may employ School to Work students providing said employee is a full time student and that no conflicts exist with any Federal or State Laws. Employer must be party to an apprentice program duly registered with the DOL and Ohio State Apprentice Compliance (OSAC). Wages for Masonry Maintenance Specialist shall be fifty-five percent (55%) of the journeyperson base rate with no fringe benefits.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 Heavy Hwy (A)

**Type of Rate:** Commercial

**Change #:**  
LCN02-2026ib

**Craft:**  
Bricklayer

**Effective Date:**  
6/10/2026

**Effective Date:**  
6/10/2026

|                                                         | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                                         |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                                          |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Cement Mason<br>Bricklayer<br>Sewer<br>Water<br>Works A | \$35.31 |         | \$10.71                 | \$10.14 | \$0.59  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$58.55   | \$76.21       |
| Apprentice                                              | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year                                                | \$24.72 | \$70.00 | \$10.71                 | \$10.14 | \$0.59  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$47.96   | \$60.32       |
| 2nd year                                                | \$28.25 | \$80.00 | \$10.71                 | \$10.14 | \$0.59  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$51.49   | \$65.62       |
| 3rd year                                                | \$31.78 | \$90.00 | \$10.71                 | \$10.14 | \$0.59  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$55.02   | \$70.91       |

## (\*)Special Calculation Note :

This rate is not for building construction.

This rate applies only to the Cement Masons. All other Bricklaying, PCC, Stone, Tile, Marble, Refractory, Industrial and all other applicable work performed will be performed under the applicable rates for those contracts.

## Ratio :

3 Journeymen to 1 Apprentice  
6 Journeymen to 2 Apprentice  
9 Journeymen to 3 Apprentice  
12 Journeymen to 4 Apprentice  
15 Journeymen to 5 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia, Geauga, Greene, Guernsey, Hamilton, Hancock, Hardin, Harrison, Henry, Highland, Hocking, Holmes, Huron, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Lucas, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Ottawa, Paulding, Perry, Pickaway, Pike, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Van Wert, Vinton, Warren, Washington, Wayne

## Special Jurisdictional Note :

## Details :

Bricklayer Local 23 Heavy Hwy (A): Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.

Bricklayer Local 23 Heavy Hwy (B): Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control, Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Bricklayer Local 23 Heavy Hwy (B)

**Type of Rate:** Commercial

**Change #:**  
LCN02-2026ib

**Craft:**  
Bricklayer

**Effective Date:**  
6/10/2026

**Effective Date:**  
6/10/2026

|                                                                            | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------------------------------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                                                            |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                                                             |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Cement Mason<br>Bricklayer<br>Power Plants<br>Tunnels<br>Amusement Parks B | \$36.31 |         | \$10.71                 | \$10.14 | \$0.60  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$59.56   | \$77.72       |
| Apprentice                                                                 | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year                                                                   | \$25.42 | \$70.00 | \$10.71                 | \$10.14 | \$0.60  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$48.67   | \$61.38       |
| 2nd year                                                                   | \$29.05 | \$80.00 | \$10.71                 | \$10.14 | \$0.60  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$52.30   | \$66.83       |
| 3rd year                                                                   | \$32.68 | \$90.00 | \$10.71                 | \$10.14 | \$0.60  | \$0.00 | \$1.80  | \$0.00 | \$0.00           | \$0.00   | \$55.93   | \$72.27       |

## (\*)Special Calculation Note :

This rate is not for building construction.

This rate applies only to the Cement Masons. All other Bricklaying, PCC, Stone, Tile, Marble, Refractory, Industrial and all other applicable work performed will be performed under the applicable rates for those contracts.

## Ratio :

3 Journeymen to 1 Apprentice  
6 Journeymen to 2 Apprentice  
9 Journeymen to 3 Apprentice  
12 Journeymen to 4 Apprentice  
15 Journeymen to 5 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia, Geauga, Greene, Guernsey, Hamilton, Hancock, Hardin, Harrison, Henry, Highland, Hocking, Holmes, Huron, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Lucas, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Ottawa, Paulding, Perry, Pickaway, Pike, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Van Wert, Vinton, Warren, Washington, Wayne

## Special Jurisdictional Note :

## Details :

Bricklayer Local 23 Heavy Hwy (A): Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.

Bricklayer Local 23 Heavy Hwy (B): Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control, Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Carpenter Commercial Zone NEO 1A

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Carpenter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Carpenter      | \$38.54 |         | \$8.90                  | \$10.98 | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$63.23   | \$82.50       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 3 months   | \$23.12 | \$60.00 | \$8.90                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$32.02   | \$43.59       |
| 2nd 3 months   | \$23.12 | \$60.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$36.83   | \$48.40       |
| 2nd 6 months   | \$25.05 | \$65.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$38.76   | \$51.29       |
| 3rd 6 months   | \$26.98 | \$70.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$40.69   | \$54.18       |
| 4th 6 months   | \$28.91 | \$75.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$42.62   | \$57.07       |
| 5th 6 months   | \$30.83 | \$80.00 | \$8.90                  | \$8.78  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$53.32   | \$68.74       |
| 6th 6 months   | \$32.76 | \$85.00 | \$8.90                  | \$9.33  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$55.80   | \$72.18       |
| 7th 6 months   | \$34.69 | \$90.00 | \$8.90                  | \$9.88  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$58.28   | \$75.62       |
| 8th 6 months   | \$36.61 | \$95.00 | \$8.90                  | \$10.43 | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$60.75   | \$79.06       |

**(\*)Special Calculation Note :**

\*Other is International Training

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake

**Special Jurisdictional Note :**

**Details :**

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Carpenter Floorlayer Zone NEO 1A

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Carpenter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                      | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                      |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification       |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Carpenter Floorlayer | \$38.54 |         | \$8.90                  | \$10.98 | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$63.25   | \$82.52       |
| Apprentice           | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 3 months         | \$23.12 | \$60.00 | \$8.90                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$32.02   | \$43.59       |
| 2nd 3 months         | \$23.12 | \$60.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$36.85   | \$48.42       |
| 2nd 6 months         | \$25.05 | \$65.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$38.78   | \$51.31       |
| 3rd 6 months         | \$26.98 | \$70.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$40.71   | \$54.20       |
| 4th 6 months         | \$28.91 | \$75.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$42.64   | \$57.09       |
| 5th 6 months         | \$30.83 | \$80.00 | \$8.90                  | \$8.78  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$53.34   | \$68.76       |
| 6th 6 months         | \$32.76 | \$85.00 | \$8.90                  | \$9.33  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$55.82   | \$72.20       |
| 7th 6 months         | \$34.69 | \$90.00 | \$8.90                  | \$9.88  | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$58.30   | \$75.64       |
| 8th 6 months         | \$36.61 | \$95.00 | \$8.90                  | \$10.43 | \$0.72  | \$0.00 | \$3.94  | \$0.17 | \$0.00           | \$0.00   | \$60.77   | \$79.08       |

**(\*)Special Calculation Note :**

Other: International Training

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake

**Special Jurisdictional Note :**

**Details :**



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Carpenter Hev Hwy Zone NHH C1-B

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Carpenter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Carpenter      | \$38.57 |         | \$8.90                  | \$10.98 | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$63.23   | \$82.52       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 3 Months   | \$23.14 | \$60.00 | \$8.90                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$32.04   | \$43.61       |
| 2nd 3 Months   | \$23.14 | \$60.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$36.82   | \$48.39       |
| 2nd 6 Months   | \$25.07 | \$65.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$38.75   | \$51.29       |
| 3rd 6 Months   | \$27.00 | \$70.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$40.68   | \$54.18       |
| 4th 6 Months   | \$28.93 | \$75.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$42.61   | \$57.07       |
| 5th 6 Months   | \$30.86 | \$80.00 | \$8.90                  | \$8.78  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$53.32   | \$68.74       |
| 6th 6 Months   | \$32.78 | \$85.00 | \$8.90                  | \$9.33  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$55.79   | \$72.19       |
| 7th 6 Months   | \$34.71 | \$90.00 | \$8.90                  | \$9.88  | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$58.27   | \$75.63       |
| 8th 6 Months   | \$36.64 | \$95.00 | \$8.90                  | \$10.43 | \$0.72  | \$0.00 | \$3.92  | \$0.14 | \$0.00           | \$0.00   | \$60.75   | \$79.07       |

## (\*)Special Calculation Note :

Other: Training

## Ratio :

1 Journeymen to 1 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake

## Special Jurisdictional Note :

## Details :

Any construction work as performed within the definitions listed here below, all of which, taken together are "Heavy-Highway Construction" work: "HIGHWAY CONSTRUCTION" work is defined as work performed to provide a facility to accommodate vehicular or pedestrian traffic and includes, but is not limited to, the construction of all streets, roads, expressways, turnpikes, bridges, drainage structures, grade separations, parking lots, rest areas, alleys, sidewalks, guardrails, fences, and sound barriers, but shall not include construction of buildings. "AIRPORT CONSTRUCTION" work is defined as including site preparation, grading, paving, drainage, fences, sidewalks, driveways, parking areas and similar work incidental to the construction of airfields but shall not include the construction of buildings. "HEAVY CONSTRUCTION" work is defined as including, but not limited to grade separations, foundations (does not include building foundations), abutments, retaining walls, shafts, tunnels, subways, elevators, drainage projects, flood control projects, reclamation projects, reservoirs, water supply projects, water development projects, hydro-electric development, utility transmission lines, including right-of-way clearing, locks, dams, dikes, levees, revetments, channels, channel cutoffs, intakes, dredging projects, jetties, breakwater, docks, harbors; and all municipal and utility construction except construction classified as building construction. "RAILROAD CONSTRUCTION" work is defined as including, grading, drainage, placing of rails, crossties, ballast and the construction of bridges, and other incidentals for railroads, street railways construction projects and rapid transit system projects, but shall not include the construction of buildings. "SEWER WATERWORKS AND UTILITY CONSTRUCTION" work is defined as including construction of all storm sewers, sanitary sewers, supplying and distributing waterlines, gas lines, telephone and television conduit, underground electrical lines, and similar utility construction. Main waterline and trunk sewers connecting water works and/or sewage disposal plants are included within this definition. "SUPPORTIVE EXCAVATION AND DEEP FOUNDATIONS" work is all driven and drilled foundations within the building site. "POWER PLANT SITE" work is defined as all work which is inside the property line, but outside the actual building construction. Such work shall include, but is not limited to, the grading and installation of sewer lines, drainage lines, gas lines, telephone and television conduit, underground electrical lines and similar utility construction, parking lots, bridges, roads, streets, sidewalks, reservoirs, ash pits, storage tanks, ramps and other such construction work performed on the work site, but shall not include the actual excavation for the buildings, foundations or footers or construction of the buildings. "POLLUTION CONTROL, SEWAGE PLANT, WASTE PLANT AND WATER TREATMENT FACILITIES CONSTRUCTION" WORK shall be all work in construction of pumping stations, waste and sewage disposal plants, incinerator plants, water treatment plants, filtration plants, solid waste disposal and similar pollution control facilities. "SOLAR & WIND FARM" WORK is considered "HEAVY CONSTRUCTION" and includes all work in the construction of solar fields/farms and wind fields/farms (not installations on buildings).

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Carpenter Insulation Zone NEO 1A

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Carpenter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                      | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                      |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification       |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Carpenter Insulation | \$30.83 |         | \$8.90                  | \$10.98 | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$55.52   | \$70.94       |
| Apprentice           | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 3 months         | \$18.50 | \$60.00 | \$8.90                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$27.40   | \$36.65       |
| 2nd 3 months         | \$18.50 | \$60.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$32.21   | \$41.46       |
| 2nd 6 months         | \$20.04 | \$65.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$33.75   | \$43.77       |
| 3rd 6 months         | \$21.58 | \$70.00 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$35.29   | \$46.08       |
| 4th 6 months         | \$23.13 | \$75.02 | \$8.90                  | \$0.00  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$36.84   | \$48.40       |
| 5th 6 months         | \$24.66 | \$80.00 | \$8.90                  | \$8.78  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$47.15   | \$59.49       |
| 6th 6 months         | \$26.21 | \$85.00 | \$8.90                  | \$9.33  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$49.25   | \$62.35       |
| 7th 6 months         | \$27.75 | \$90.00 | \$8.90                  | \$9.88  | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$51.34   | \$65.21       |
| 8th 6 month          | \$29.29 | \$95.00 | \$8.90                  | \$10.43 | \$0.72  | \$0.00 | \$3.95  | \$0.14 | \$0.00           | \$0.00   | \$53.43   | \$68.07       |

**(\*)Special Calculation Note :**

\*Other is Training

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake

**Special Jurisdictional Note :**

**Details :**



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Carpenter Millwright NE Zone M1-A

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Carpenter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                        | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                        |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification         |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Carpenter Millwright   | \$36.41 |         | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$63.91   | \$82.12       |
| Certified Welder       | \$37.41 |         | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$64.91   | \$83.62       |
| Layout man on Monorail | \$39.14 |         | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$66.64   | \$86.21       |
| Apprentice             | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months           | \$21.85 | \$60.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$49.35   | \$60.27       |
| 2nd 6 months           | \$23.67 | \$65.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$51.17   | \$63.00       |
| 3rd 6 months           | \$25.49 | \$70.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$52.99   | \$65.73       |
| 4th 6 months           | \$27.31 | \$75.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$54.81   | \$68.46       |
| 5th 6 months           | \$29.13 | \$80.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$56.63   | \$71.19       |
| 6th 6 months           | \$30.95 | \$85.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$58.45   | \$73.92       |
| 7th 6 months           | \$32.77 | \$90.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$60.27   | \$76.65       |
| 8th 6 months           | \$34.59 | \$95.00 | \$8.90                  | \$11.33 | \$0.72  | \$0.00 | \$6.36  | \$0.19 | \$0.00           | \$0.00   | \$62.09   | \$79.38       |

**(\*)Special Calculation Note :**

Other is Training.

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashland, Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Richland, Summit

**Special Jurisdictional Note :**

#### Details :

The term "Millwright and Machine Erectors" jurisdiction shall mean the unloading, hoisting, rigging, skidding, moving, dismantling, aligning, erecting, assembling, repairing, maintenance and adjusting of all structures, processing areas either under cover, under ground or elsewhere, required to process material, handle, manufacture or service, be it powered or receiving power manually, by steam, gas, electricity, gasoline, diesel, nuclear, solar, water, air or chemically, and in industries such as and including, which are identified for the purpose of description, but not limited to, the following: woodworking plants; canning industries; steel mills; coffee roasting plants; paper and pulp; cellophane; stone crushing; gravel and sand washing and handling; refineries; grain storage and handling; asphalt plants; sewage disposal; water plants; laundries; bakeries; mixing plants; can, bottle and bag packing plants; textile mills; paint mills; breweries; milk processing plants; power plants; aluminum processing or manufacturing plants; and amusement and entertainment fields. The installation of mechanical equipment in atomic energy plants; installation of reactors in power plants; installation of control rods and equipment in reactors; and installation of mechanical equipment in rocket missile bases, launchers, launching gantry, floating bases, hydraulic escape doors and any and all component parts thereto, either assembled, semi-assembled or disassembled. The installation of, but not limited to, the following: setting-up of all engines, motors, generators, air compressors, fans, pumps, scales, hoppers, conveyors of all types, sizes and their supports; escalators; man lifts; moving sidewalks; hoists; dumb waiters; all types of feeding machinery; amusement devices; mechanical pin setters and spotters in bowling alleys; refrigeration equipment; and the installation of all types of equipment necessary and required to process material either in the manufacturing or servicing. The handling and installation of pulleys, gears, sheaves, fly wheels, air and vacuum drives, worm drives and gear drives directly or indirectly coupled to motors, belts, chains, screws, legs, boots, guards, booth tanks, all bin valves, turn heads and indicators, shafting, bearings, cable sprockets, cutting all key seats in new and old work, troughs, chippers, filters, calendars, rolls, winders, rewinders, slitters, cutters, wrapping machines, blowers, forging machines, rams, hydraulic or otherwise, planing, extruder, ball, dust collectors, equipment in meat packing plants, splicing of ropes and cables. The laying-out, fabrication and installation of protection equipment including machinery guards, making and setting of templates for machinery, fabrication of bolts, nuts, pans, drilling of holes for any equipment which the Millwrights install regardless of materials; all welding and burning regardless of type, fabrication of all lines, hose or tubing used in lubricating machinery installed by Millwrights; grinding, cleaning, servicing and any machine work necessary for any part of any equipment installed by the Millwrights; and the break-in and trial run of any equipment or machinery installed by the Millwrights. It is agreed the Millwrights shall use the layout tools and optic equipment necessary to perform their work.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Carpenter Pile Driver Hwy Zone NHH P2-B

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Carpenter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                       | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-----------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                       |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification        |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Carpenter Pile Driver | \$36.34 |         | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$63.91   | \$82.08       |
| Diver                 | \$54.51 |         | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$82.08   | \$109.34      |
| Certified Welder      | \$37.39 |         | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$64.96   | \$83.66       |
| Apprentice            | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months          | \$21.80 | \$60.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$49.37   | \$60.28       |
| 2nd 6 months          | \$23.62 | \$65.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$51.19   | \$63.00       |
| 3rd 6 months          | \$25.44 | \$70.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$53.01   | \$65.73       |
| 4th 6 months          | \$27.26 | \$75.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$54.83   | \$68.45       |
| 5th 6 months          | \$29.07 | \$80.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$56.64   | \$71.18       |
| 6th 6 months          | \$30.89 | \$85.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$58.46   | \$73.90       |
| 7th 6 months          | \$32.71 | \$90.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$60.28   | \$76.63       |
| 8th 6 months          | \$34.52 | \$95.00 | \$8.85                  | \$11.33 | \$0.72  | \$0.00 | \$6.48  | \$0.19 | \$0.00           | \$0.00   | \$62.09   | \$79.35       |

**(\*)Special Calculation Note :**

\*Other is Training

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashland, Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Richland, Summit

**Special Jurisdictional Note :**

**Details :**

Pile Drivers duties shall include but not limited to: Pile driving, milling, fashioning, joining assembling, erecting, fastening, or dismantling of all material of wood, plastic, metal, fiber, cork and composition and all other substitute materials: pile driving, cutting, fitting and placing of lagging, and the handling, cleaning, erecting, installing and dismantling of machinery, equipment and erecting pre-engineered metal buildings. Pile Drivers work but not limited to: unloading, assembling, erection, repairs, operation, signaling, dismantling and reloading all equipment that is used for pile driving including pile butts is defined as sheeting or scrap piling. Underwater work that may be required in connection with the installation of piling. The driver and his tender work as a team and shall arrive at their own financial arrangements with the contractor. Any configuration of wood, steel, concrete or composite that is jetted, driven or vibrated onto the ground by conventional pile driving equipment for the purpose of supporting a future load that may be permanent or temporary. The construction of all wharves and docks, including the fabrication and installation of floating docks. Driving bracing, plumbing, cutting off and capping of all piling whether wood, metal, pipe piling or composite, loading, unloading, erecting, framing, dismantling, moving and handling of pile driving equipment piling used in the construction and repair of all wharves, docks, piers, trestles, caissons, cofferdams and erection of all sea walls and breakwaters. All underwater and marine work on bulkheads, wharves, docks, shipyards, caissons, piers, bridges, pipeline, work, viaducts, marine cable and trestles, as well as salvage and reclamation work where divers are employed. Rate shall include carpenters, acoustic and ceiling installers, drywall installers, pile drivers and floorlayers.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Cement Mason Local 404

**Type of Rate:** Commercial

**Change #:**  
LCN01-2024ib

**Craft:**  
Cement Mason

**Effective Date:**  
5/1/2024

**Effective Date:**  
5/1/2024

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Cement Mason   | \$34.88 |         | \$9.40                  | \$7.10  | \$0.63  | \$0.00 | \$5.95  | \$0.08 | \$0.00           | \$0.00   | \$58.04   | \$75.48       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st yr         | \$20.41 | \$58.51 | \$9.40                  | \$7.10  | \$0.63  | \$0.00 | \$2.98  | \$0.08 | \$0.00           | \$0.00   | \$40.60   | \$50.80       |
| 2nd yr         | \$25.64 | \$73.50 | \$9.40                  | \$7.10  | \$0.63  | \$0.00 | \$2.98  | \$0.08 | \$0.00           | \$0.00   | \$45.83   | \$58.65       |
| 3rd yr         | \$29.13 | \$83.51 | \$9.40                  | \$7.10  | \$0.63  | \$0.00 | \$2.98  | \$0.08 | \$0.00           | \$0.00   | \$49.32   | \$63.88       |
| 4th yr         | \$34.36 | \$98.50 | \$9.40                  | \$7.10  | \$0.63  | \$0.00 | \$2.98  | \$0.08 | \$0.00           | \$0.00   | \$54.55   | \$71.73       |

## (\*)Special Calculation Note :

Other is Training Fund

## Ratio :

5 Journeymen to 1 Apprentice 2 Journeymen to 1 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain

## Special Jurisdictional Note :

## Details :



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Cement Mason Local 404 Hev Hwy

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Cement Mason

**Effective Date:**  
5/1/2026

**Effective Date:**  
5/1/2026

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Cement Mason   | \$37.29 |         | \$9.50                  | \$8.05  | \$0.75  | \$0.00 | \$3.74  | \$0.08 | \$0.00           | \$0.00   | \$59.41   | \$78.06       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year       | \$26.10 | \$70.00 | \$9.50                  | \$8.05  | \$0.75  | \$0.00 | \$3.74  | \$0.08 | \$0.00           | \$0.00   | \$48.22   | \$61.27       |
| 2nd Year       | \$29.83 | \$80.00 | \$9.50                  | \$8.05  | \$0.75  | \$0.00 | \$3.74  | \$0.08 | \$0.00           | \$0.00   | \$51.95   | \$66.86       |
| 3rd Year       | \$33.56 | \$90.00 | \$9.50                  | \$8.05  | \$0.75  | \$0.00 | \$3.74  | \$0.08 | \$0.00           | \$0.00   | \$55.68   | \$72.46       |
| 4th Year       | \$35.43 | \$95.00 | \$9.50                  | \$8.05  | \$0.75  | \$0.00 | \$3.74  | \$0.08 | \$0.00           | \$0.00   | \$57.55   | \$75.26       |

## (\*)Special Calculation Note :

Other: International Training Fund

## Ratio :

1 Journeyman to 1 Apprentice  
2 Journeymen to 1 Apprentice thereafter

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain

## Special Jurisdictional Note :

## Details :

Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work, Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facilities Construction.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 38

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
5/20/2026

**Effective Date:**  
5/20/2026

|                                      | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                      |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                       |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrician                          | \$48.63 |         | \$10.55                 | \$10.05 | \$0.42  | \$0.00 | \$3.00  | \$1.46 | \$0.00           | \$0.00   | \$74.11   | \$98.43       |
| Apprentice                           | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year<br>1st 6 Months             | \$17.02 | \$35.00 | \$10.55                 | \$0.00  | \$0.42  | \$0.00 | \$3.00  | \$0.51 | \$0.00           | \$0.00   | \$31.50   | \$40.01       |
| 1st year<br>2nd 6 Months             | \$19.45 | \$40.00 | \$10.55                 | \$0.00  | \$0.42  | \$0.00 | \$3.00  | \$0.58 | \$0.00           | \$0.00   | \$34.00   | \$43.72       |
| 2nd year<br>3rd 6 Months             | \$21.88 | \$45.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.66 | \$0.00           | \$0.00   | \$43.04   | \$53.98       |
| 2nd year<br>4th 6 Months             | \$24.32 | \$50.02 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.73 | \$0.00           | \$0.00   | \$45.55   | \$57.71       |
| 3rd year<br>5th 6 Months             | \$26.75 | \$55.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.80 | \$0.00           | \$0.00   | \$48.05   | \$61.43       |
| 3rd year<br>3rd year<br>6th 6 Months | \$29.18 | \$60.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.88 | \$0.00           | \$0.00   | \$50.56   | \$65.15       |
| 4th year<br>7th 6 Months             | \$31.61 | \$65.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.95 | \$0.00           | \$0.00   | \$53.06   | \$68.87       |
| 4th year<br>8th 6 Months             | \$34.04 | \$70.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$1.02 | \$0.00           | \$0.00   | \$55.56   | \$72.58       |
| 4th year<br>9th 6 Months             | \$36.47 | \$75.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$1.09 | \$0.00           | \$0.00   | \$58.06   | \$76.30       |
| 5th year<br>10th 6 Months            | \$38.90 | \$80.00 | \$10.55                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$1.17 | \$0.00           | \$0.00   | \$60.57   | \$80.02       |

## (\*)Special Calculation Note :

OTHER: National Electrical Benefit Fund (NEBF).

## Ratio :

1 to 3 Journeyman up to 2 Apprentice  
4 to 6 Journeymen up to 4 Apprentice  
7 to 9 Journeymen up to 6 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Geauga\*, Lorain\*

**Special Jurisdictional Note :**

In Geauga County the following townships are included: (Bainbridge, Chester and Russell).

In Lorain County the following township is included (Columbia Twp).

**Details :**



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 38 Lightning Rod

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Electrical

**Effective Date:**  
7/9/2025

**Effective Date:**  
7/9/2025

|                                                               | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------------------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                                               |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                                                |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Lightning Protection Installer 60 months and up    | \$37.65 |         | \$7.75                  | \$1.13  | \$0.00  | \$3.51 | \$2.26  | \$2.50 | \$0.00           | \$0.00   | \$54.80   | \$73.63       |
| Apprentice                                                    | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| Apprentice Lightning Protection Installer 1st day-6 months    | \$18.83 | \$50.02 | \$7.75                  | \$0.56  | \$0.00  | \$0.50 | \$1.13  | \$2.50 | \$0.00           | \$0.00   | \$31.27   | \$40.69       |
| Apprentice Lightning Protection Installer 2nd 6 months        | \$20.71 | \$55.00 | \$7.75                  | \$0.62  | \$0.00  | \$0.55 | \$1.24  | \$2.50 | \$0.00           | \$0.00   | \$33.37   | \$43.73       |
| Apprentice Lightning Protection Installer 3rd 6th months      | \$22.59 | \$60.00 | \$7.75                  | \$0.68  | \$0.00  | \$1.10 | \$1.36  | \$2.50 | \$0.00           | \$0.00   | \$35.98   | \$47.27       |
| Apprentice Lightning Protection Installer 4th 6 months months | \$24.47 | \$65.00 | \$7.75                  | \$0.73  | \$0.00  | \$1.20 | \$1.47  | \$2.50 | \$0.00           | \$0.00   | \$38.12   | \$50.35       |
| Apprentice Lightning Protection Installer 3rd Year            | \$26.36 | \$70.02 | \$7.75                  | \$0.79  | \$0.00  | \$1.87 | \$1.58  | \$2.50 | \$0.00           | \$0.00   | \$40.85   | \$54.03       |
| Apprentice Lightning Protection Installer 4th Year            | \$30.12 | \$80.00 | \$7.75                  | \$0.90  | \$0.00  | \$2.14 | \$1.81  | \$2.50 | \$0.00           | \$0.00   | \$45.22   | \$60.28       |
| Apprentice Lightning Protection Installer 5th Year            | \$33.89 | \$90.02 | \$7.75                  | \$1.02  | \$0.00  | \$2.41 | \$2.03  | \$2.50 | \$0.00           | \$0.00   | \$49.60   | \$66.55       |

**(\*)Special Calculation Note :**

Other: 401k

**Ratio :**

3 Journeyman to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Geauga\*, Lorain\*

**Special Jurisdictional Note :**

In Geauga County the following townships are included: Bainbridge, Chester and Russell  
In Lorain County the following township is included: Columbia.

**Details :**

Scope of work but not limited to: The installation, operation, maintenance, repair and service of equipment and appliances used in a system of lightning protection systems.

Intermediate Journeymen to be trained by the employer to meet all standards in the industry.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 38 Lt Commercial Northern

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
1/7/2026

**Effective Date:**  
1/7/2026

|                           | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                           |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification            |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrician               | \$46.63 |         | \$10.05                 | \$10.05 | \$0.42  | \$0.00 | \$3.00  | \$1.40 | \$0.00           | \$0.00   | \$71.55   | \$94.87       |
| CE-3<br>12,001-14,000 Hrs | \$31.71 |         | \$6.99                  | \$0.95  | \$0.95  | \$0.10 | \$0.95  | \$0.00 | \$0.00           | \$0.00   | \$41.65   | \$57.50       |
| CE-2<br>10,001-12,000 Hrs | \$24.92 |         | \$6.99                  | \$0.75  | \$0.95  | \$0.10 | \$0.75  | \$0.00 | \$0.00           | \$0.00   | \$34.46   | \$46.92       |
| CE-1<br>8,001-10,000 Hrs  | \$22.65 |         | \$6.99                  | \$0.68  | \$0.95  | \$0.10 | \$0.68  | \$0.00 | \$0.00           | \$0.00   | \$32.05   | \$43.37       |
| CW-4<br>6,001-8,000 Hrs   | \$20.39 |         | \$6.99                  | \$0.61  | \$0.95  | \$0.10 | \$0.61  | \$0.00 | \$0.00           | \$0.00   | \$29.65   | \$39.84       |
| CW-3<br>4,000-6,000 Hrs   | \$18.12 |         | \$6.99                  | \$0.54  | \$0.95  | \$0.10 | \$0.54  | \$0.00 | \$0.00           | \$0.00   | \$27.24   | \$36.30       |
| CW-2<br>2,001-4,000 Hrs   | \$16.99 |         | \$6.99                  | \$0.51  | \$0.95  | \$0.10 | \$0.51  | \$0.00 | \$0.00           | \$0.00   | \$26.05   | \$34.55       |
| CW-1<br>0-2,000 Hrs       | \$15.86 |         | \$6.99                  | \$0.48  | \$0.95  | \$0.10 | \$0.48  | \$0.00 | \$0.00           | \$0.00   | \$24.86   | \$32.79       |
| Apprentice                | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 Months              | \$16.32 | \$35.00 | \$10.05                 | \$0.00  | \$0.42  | \$0.00 | \$3.00  | \$0.49 | \$0.00           | \$0.00   | \$30.28   | \$38.44       |
| 2nd 6 Months              | \$18.65 | \$40.00 | \$10.05                 | \$0.00  | \$0.42  | \$0.00 | \$3.00  | \$0.56 | \$0.00           | \$0.00   | \$32.68   | \$42.00       |
| 3rd 6 Months              | \$20.98 | \$45.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.63 | \$0.00           | \$0.00   | \$41.61   | \$52.10       |
| 4th 6 Months              | \$23.32 | \$50.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.70 | \$0.00           | \$0.00   | \$44.02   | \$55.68       |
| 5th 6 Months              | \$25.65 | \$55.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.77 | \$0.00           | \$0.00   | \$46.42   | \$59.24       |
| 6th 6 Months              | \$27.98 | \$60.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.84 | \$0.00           | \$0.00   | \$48.82   | \$62.81       |
| 7th 6 Months              | \$30.31 | \$65.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.91 | \$0.00           | \$0.00   | \$51.22   | \$66.38       |
| 8th 6 Months              | \$32.64 | \$70.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$0.98 | \$0.00           | \$0.00   | \$53.62   | \$69.94       |
| 9th 6 Months              | \$34.97 | \$75.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$1.05 | \$0.00           | \$0.00   | \$56.02   | \$73.50       |
| 10th 6 Months             | \$37.30 | \$80.00 | \$10.05                 | \$6.53  | \$0.42  | \$0.00 | \$3.00  | \$1.12 | \$0.00           | \$0.00   | \$58.42   | \$77.07       |

(\*)Special Calculation Note :

OTHER: National Electrical Benefit Fund (NEBF)

**Ratio :**

1 to 3 Journeyman to 2 Apprentice  
4 to 6 Journeymen to 4 Apprentice  
7 to 9 Journeymen to 6 Apprentice  
and continue as above per job site

Construction Electrician and Construction Wireman Ratio There shall be a minimum ratio of one inside Journeyman Wireman to every (4) employees of different classifications per jobsite. An Inside Journeyman Wireman is required on the project as the fifth (5th) worker or when apprentices are used.

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Geauga\*, Lorain\*

**Special Jurisdictional Note :**

In Geauga County the following townships are included: (Bainbridge, Chester and Russell).  
In Lorain County the following township is included (Columbia).

**Details :**

The scope of work for the light commercial agreement shall apply to the following small medical clinics, stand-alone doctor and dentist offices with up to 600 amp service (not attached to a hospital), gas stations/convenience stores, fast food restaurants and franchised chain restaurants including independent bars and taverns, places of worship, funeral homes, nursing homes, assisted living facilities and day-care facilities under 15,000 sq ft, small office, retail/wholesale facilities under 15,000 sq ft with less than 10 units attached, storage units, car washes, express hotels and motels (4 stories or less) without conference or restaurants facilities, residential units (subject to Davis Bacon Rates) small stand-alone manufacturing facilities when free standing and not part of a larger facility (less than 15,000 sq ft) solar projects (500 panels or less) unless other wise covered under this agreement, lighting retrofits (when not associated with remodels involving branch re-circuiting) Lighting retrofits shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include the one for one replacement of existing fixtures.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 38 Voice Data Video

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
5/20/2026

**Effective Date:**  
5/20/2026

|                                   | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-----------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                   |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                    |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Installer Technician   | \$34.55 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.55 | \$3.00  | \$1.04 | \$0.00           | \$0.00   | \$52.01   | \$69.28       |
| Communication Technician          | \$35.80 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.61 | \$3.00  | \$1.07 | \$0.00           | \$0.00   | \$53.35   | \$71.25       |
| Senior Technician                 | \$36.80 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.66 | \$3.00  | \$1.10 | \$0.00           | \$0.00   | \$54.43   | \$72.83       |
| Security Technician Level I       | \$34.55 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.55 | \$3.00  | \$1.04 | \$0.00           | \$0.00   | \$52.01   | \$69.28       |
| Security Technician Level II      | \$35.80 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.61 | \$3.00  | \$1.07 | \$0.00           | \$0.00   | \$53.35   | \$71.25       |
| Security Technician Level III     | \$36.80 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.66 | \$3.00  | \$1.10 | \$0.00           | \$0.00   | \$54.43   | \$72.83       |
| Audio/Visual Technician Level I   | \$34.55 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.55 | \$3.00  | \$1.04 | \$0.00           | \$0.00   | \$52.01   | \$69.28       |
| Audio/Visual Technician Level II  | \$35.80 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.61 | \$3.00  | \$1.07 | \$0.00           | \$0.00   | \$53.35   | \$71.25       |
| Audio/Visual Technician Level III | \$36.80 |         | \$8.25                  | \$3.20  | \$0.42  | \$1.66 | \$3.00  | \$1.10 | \$0.00           | \$0.00   | \$54.43   | \$72.83       |
| Apprentice                        | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 6 months                      | \$22.46 | \$65.00 | \$8.25                  | \$3.20  | \$0.42  | \$1.01 | \$3.00  | \$0.67 | \$0.00           | \$0.00   | \$39.01   | \$50.24       |
| 2nd 6 months                      | \$24.19 | \$70.02 | \$8.25                  | \$3.20  | \$0.42  | \$1.09 | \$3.00  | \$0.73 | \$0.00           | \$0.00   | \$40.88   | \$52.98       |
| 3rd 6 months                      | \$25.91 | \$75.00 | \$8.25                  | \$3.20  | \$0.42  | \$1.17 | \$3.00  | \$0.78 | \$0.00           | \$0.00   | \$42.73   | \$55.69       |
| 4th 6 months                      | \$27.64 | \$80.00 | \$8.25                  | \$3.20  | \$0.42  | \$1.24 | \$3.00  | \$0.83 | \$0.00           | \$0.00   | \$44.58   | \$58.40       |
| 5th 6 months                      | \$29.37 | \$85.00 | \$8.25                  | \$3.20  | \$0.42  | \$1.32 | \$3.00  | \$0.88 | \$0.00           | \$0.00   | \$46.44   | \$61.13       |
| 6th 6 months                      | \$31.10 | \$90.02 | \$8.25                  | \$3.20  | \$0.42  | \$1.40 | \$3.00  | \$0.93 | \$0.00           | \$0.00   | \$48.30   | \$63.85       |

(\*)Special Calculation Note :

Other is National Electrical Benefit Fund

**Ratio :**

1 Journeyman to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Geauga\*, Lorain\*

**Special Jurisdictional Note :**

In Geauga County the following townships are included (Bainbridge, Chester and Russell)  
In Lorain County the following township is included (Columbia Twp.)

**Details :**

\*Installer Technician - Successful completion of the Installer/Tech Apprenticeship Program or have been certified by an IBEW/NECA Joint apprenticeship Program as a Installer/Technician.

\* Communications Technician - At least (2) years experience as a Installer/Technician and a minimum of 12 hours continuous related education or have been certified by an IBEW/NECA Joint Apprenticeship and Training Program as a Communications/Technician.

The following work is excluded from the Teledata Technician work scope: The installation of computer systems in industrial applications such as assembly lines, robotics, computer controller manufacturing systems. The installation of conduit and/ or raceways shall be installed by Inside Wireman . On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway, or conduit not greater then 10 ft. Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit All HVAC control work.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 Cleveland Commercial Projects

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
1/21/2026

**Effective Date:**  
1/21/2026

|                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Lineman       | \$61.19 |         | \$7.50                  | \$1.84  | \$0.61  | \$0.00 | \$14.69 | \$1.00 | \$0.00           | \$0.00   | \$86.83   | \$117.42      |
| Cable Splicer            | \$61.19 |         | \$7.50                  | \$1.84  | \$0.61  | \$0.00 | \$14.69 | \$1.00 | \$0.00           | \$0.00   | \$86.83   | \$117.42      |
| Equip. Operator          | \$55.07 |         | \$7.50                  | \$1.65  | \$0.55  | \$0.00 | \$13.22 | \$1.00 | \$0.00           | \$0.00   | \$78.99   | \$106.53      |
| Groundman 0 to 12 months | \$36.71 |         | \$7.50                  | \$1.10  | \$0.37  | \$0.00 | \$8.81  | \$1.00 | \$0.00           | \$0.00   | \$55.49   | \$73.84       |
| Groundman 1 year plus    | \$42.83 |         | \$7.50                  | \$1.28  | \$0.43  | \$0.00 | \$10.28 | \$1.00 | \$0.00           | \$0.00   | \$63.32   | \$84.73       |
| Apprentice               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 1000 Hrs             | \$36.71 | \$60.00 | \$7.50                  | \$1.10  | \$0.37  | \$0.00 | \$8.81  | \$1.00 | \$0.00           | \$0.00   | \$55.49   | \$73.84       |
| 2nd 1000 Hrs             | \$39.77 | \$65.00 | \$7.50                  | \$1.19  | \$0.40  | \$0.00 | \$9.54  | \$1.00 | \$0.00           | \$0.00   | \$59.40   | \$79.28       |
| 3rd 1000 Hrs             | \$42.83 | \$70.00 | \$7.50                  | \$1.28  | \$0.43  | \$0.00 | \$10.28 | \$1.00 | \$0.00           | \$0.00   | \$63.32   | \$84.73       |
| 4th 1000 Hrs             | \$45.89 | \$75.00 | \$7.50                  | \$1.38  | \$0.46  | \$0.00 | \$11.01 | \$1.00 | \$0.00           | \$0.00   | \$67.24   | \$90.19       |
| 5th 1000 Hrs             | \$48.95 | \$80.00 | \$7.50                  | \$1.47  | \$0.49  | \$0.00 | \$11.75 | \$1.00 | \$0.00           | \$0.00   | \$71.16   | \$95.64       |
| 6th 1000 Hrs             | \$52.01 | \$85.00 | \$7.50                  | \$1.56  | \$0.55  | \$0.00 | \$12.48 | \$1.00 | \$0.00           | \$0.00   | \$75.10   | \$101.11      |
| 7th 1000 Hrs             | \$55.07 | \$90.00 | \$7.50                  | \$1.65  | \$0.55  | \$0.00 | \$13.22 | \$1.00 | \$0.00           | \$0.00   | \$78.99   | \$106.53      |

**(\*)Special Calculation Note :**

Other: Health Reimbursement Account

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain



**Special Jurisdictional Note :**

**Details :**

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 Cleveland Municipal Power & Transit

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Electrical

**Effective Date:**  
1/21/2026

**Effective Date:**  
1/21/2026

|                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Lineman       | \$56.91 |         | \$7.50                  | \$1.71  | \$0.57  | \$0.00 | \$13.09 | \$1.00 | \$0.00           | \$0.00   | \$80.78   | \$109.23      |
| Cable Splicer            | \$56.91 |         | \$7.50                  | \$1.71  | \$0.57  | \$0.00 | \$13.09 | \$1.00 | \$0.00           | \$0.00   | \$80.78   | \$109.23      |
| Equip. Operator          | \$51.22 |         | \$7.50                  | \$1.54  | \$0.51  | \$0.00 | \$11.78 | \$1.00 | \$0.00           | \$0.00   | \$73.55   | \$99.16       |
| Groundman 0 to 12 months | \$34.15 |         | \$7.50                  | \$1.02  | \$0.34  | \$0.00 | \$7.85  | \$1.00 | \$0.00           | \$0.00   | \$51.86   | \$68.94       |
| Groundman 1 Year or More | \$39.84 |         | \$7.50                  | \$1.20  | \$0.40  | \$0.00 | \$9.16  | \$1.00 | \$0.00           | \$0.00   | \$59.10   | \$79.02       |
| Apprentice               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 1000 Hrs             | \$34.15 | \$60.00 | \$7.50                  | \$1.02  | \$0.34  | \$0.00 | \$7.85  | \$1.00 | \$0.00           | \$0.00   | \$51.86   | \$68.94       |
| 2nd 1000 Hrs             | \$36.99 | \$65.00 | \$7.50                  | \$1.11  | \$0.37  | \$0.00 | \$8.51  | \$1.00 | \$0.00           | \$0.00   | \$55.48   | \$73.97       |
| 3rd 1000 Hrs             | \$39.84 | \$70.00 | \$7.50                  | \$1.20  | \$0.40  | \$0.00 | \$9.16  | \$1.00 | \$0.00           | \$0.00   | \$59.10   | \$79.02       |
| 4th 1000 Hrs             | \$42.68 | \$75.00 | \$7.50                  | \$1.28  | \$0.43  | \$0.00 | \$9.82  | \$1.00 | \$0.00           | \$0.00   | \$62.71   | \$84.05       |
| 5th 1000 Hrs             | \$45.53 | \$80.00 | \$7.50                  | \$1.37  | \$0.46  | \$0.00 | \$10.47 | \$1.00 | \$0.00           | \$0.00   | \$66.33   | \$89.09       |
| 6th 1000 Hrs             | \$48.37 | \$85.00 | \$7.50                  | \$1.45  | \$0.48  | \$0.00 | \$11.13 | \$1.00 | \$0.00           | \$0.00   | \$69.93   | \$94.11       |
| 7th 1000 Hrs             | \$51.22 | \$90.00 | \$7.50                  | \$1.54  | \$0.51  | \$0.00 | \$11.78 | \$1.00 | \$0.00           | \$0.00   | \$73.55   | \$99.16       |

**(\*)Special Calculation Note :**

Other: Health Reimbursement Account

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain

**Special Jurisdictional Note :**

**Details :**

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 DOT Traffic Signal Highway Lighting Cleveland

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
1/21/2026

**Effective Date:**  
1/21/2026

|                                      | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                      |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                       |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Lineman                   | \$45.50 |         | \$7.50                  | \$1.37  | \$0.46  | \$0.00 | \$10.01 | \$0.75 | \$0.00           | \$0.00   | \$65.59   | \$88.34       |
| Traffic Signal & Lighting Journeyman | \$45.50 |         | \$7.50                  | \$1.37  | \$0.46  | \$0.00 | \$10.01 | \$0.75 | \$0.00           | \$0.00   | \$65.59   | \$88.34       |
| Equipment Operator                   | \$41.32 |         | \$7.50                  | \$1.24  | \$0.41  | \$0.00 | \$9.09  | \$0.75 | \$0.00           | \$0.00   | \$60.31   | \$80.97       |
| Groundman 0 to 1 Year                | \$27.06 |         | \$7.50                  | \$0.81  | \$0.27  | \$0.00 | \$5.95  | \$0.75 | \$0.00           | \$0.00   | \$42.34   | \$55.87       |
| Groundman 1 Year or more             | \$32.09 |         | \$7.50                  | \$0.96  | \$0.32  | \$0.00 | \$7.06  | \$0.75 | \$0.00           | \$0.00   | \$48.68   | \$64.73       |
| Apprentice                           | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 1,000 Hours                      | \$27.30 | \$60.00 | \$7.50                  | \$0.82  | \$0.27  | \$0.00 | \$6.01  | \$0.75 | \$0.00           | \$0.00   | \$42.65   | \$56.30       |
| 2nd 1,000 Hours                      | \$29.57 | \$65.00 | \$7.50                  | \$0.89  | \$0.30  | \$0.00 | \$6.51  | \$0.75 | \$0.00           | \$0.00   | \$45.52   | \$60.31       |
| 3rd 1,000 Hours                      | \$31.85 | \$70.00 | \$7.50                  | \$0.96  | \$0.32  | \$0.00 | \$7.01  | \$0.75 | \$0.00           | \$0.00   | \$48.39   | \$64.31       |
| 4th 1,000 Hours                      | \$34.13 | \$75.00 | \$7.50                  | \$1.02  | \$0.34  | \$0.00 | \$7.51  | \$0.75 | \$0.00           | \$0.00   | \$51.25   | \$68.31       |
| 5th 1,000 Hours                      | \$36.40 | \$80.00 | \$7.50                  | \$1.09  | \$0.36  | \$0.00 | \$8.01  | \$0.75 | \$0.00           | \$0.00   | \$54.11   | \$72.31       |
| 6th 1,000 Hours                      | \$40.95 | \$90.00 | \$7.50                  | \$1.23  | \$0.41  | \$0.00 | \$9.01  | \$0.75 | \$0.00           | \$0.00   | \$59.85   | \$80.33       |

**(\*)Special Calculation Note :**

Other: Health Reimbursement Account

**Ratio :**

1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain

**Special Jurisdictional Note :**

**Details :**

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 High Tension Pipe Type Cable

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
1/7/2026

**Effective Date:**  
1/7/2026

|                                 | BHR     |         | Fringe Benefit Payments |         |         |        |         | Irrevocable Fund |           | Total PWR | Overtime Rate |          |
|---------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|------------------|-----------|-----------|---------------|----------|
|                                 |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other            | LECET (*) |           |               | MISC (*) |
| Classification                  |         |         |                         |         |         |        |         |                  |           |           |               |          |
| Electrical Lineman              | \$54.94 |         | \$7.50                  | \$1.65  | \$0.55  | \$0.00 | \$13.19 | \$1.00           | \$0.00    | \$0.00    | \$78.83       | \$106.30 |
| Certified Lineman Welder        | \$54.94 |         | \$7.50                  | \$1.65  | \$0.55  | \$0.00 | \$13.19 | \$1.00           | \$0.00    | \$0.00    | \$78.83       | \$106.30 |
| Certified Cable Splicer         | \$54.94 |         | \$7.50                  | \$1.65  | \$0.55  | \$0.00 | \$13.19 | \$1.00           | \$0.00    | \$0.00    | \$78.83       | \$106.30 |
| Operator A                      | \$49.20 |         | \$7.50                  | \$1.48  | \$0.49  | \$0.00 | \$11.81 | \$1.00           | \$0.00    | \$0.00    | \$71.48       | \$96.08  |
| Operator B                      | \$43.52 |         | \$7.50                  | \$1.31  | \$0.44  | \$0.00 | \$10.44 | \$1.00           | \$0.00    | \$0.00    | \$64.21       | \$85.97  |
| Operator C                      | \$34.93 |         | \$7.50                  | \$1.05  | \$0.35  | \$0.00 | \$8.38  | \$1.00           | \$0.00    | \$0.00    | \$53.21       | \$70.67  |
| Groundman 0-12 months Exp       | \$27.47 |         | \$7.50                  | \$0.82  | \$0.27  | \$0.00 | \$6.59  | \$1.00           | \$0.00    | \$0.00    | \$43.65       | \$57.38  |
| Groundman 0-12 months Exp w/CDL | \$30.22 |         | \$7.50                  | \$0.91  | \$0.30  | \$0.00 | \$7.25  | \$1.00           | \$0.00    | \$0.00    | \$47.18       | \$62.29  |
| Groundman 1 yr or more          | \$30.22 |         | \$7.50                  | \$0.91  | \$0.30  | \$0.00 | \$7.25  | \$1.00           | \$0.00    | \$0.00    | \$47.18       | \$62.29  |
| Groundman 1 yr or more w/CDL    | \$35.71 |         | \$7.50                  | \$1.07  | \$0.36  | \$0.00 | \$8.57  | \$1.00           | \$0.00    | \$0.00    | \$54.21       | \$72.06  |
| Equipment Mechanic A            | \$43.52 |         | \$7.50                  | \$1.31  | \$0.44  | \$0.00 | \$10.44 | \$1.00           | \$0.00    | \$0.00    | \$64.21       | \$85.97  |
| Equipment Mechanic B            | \$39.22 |         | \$7.50                  | \$1.18  | \$0.39  | \$0.00 | \$9.41  | \$1.00           | \$0.00    | \$0.00    | \$58.70       | \$78.31  |
| Equipment Mechanic C            | \$34.92 |         | \$7.50                  | \$1.05  | \$0.35  | \$0.00 | \$8.38  | \$1.00           | \$0.00    | \$0.00    | \$53.20       | \$70.66  |
| X-Ray Technician                | \$54.94 |         | \$7.50                  | \$1.65  | \$0.55  | \$0.00 | \$13.19 | \$1.00           | \$0.00    | \$0.00    | \$78.83       | \$106.30 |
| Apprentice                      | BHR     | Percent |                         |         |         |        |         |                  |           |           |               |          |
| 1st 1000 hrs                    | \$32.96 | \$60.00 | \$7.50                  | \$0.99  | \$0.33  | \$0.00 | \$7.91  | \$1.00           | \$0.00    | \$0.00    | \$50.69       | \$67.17  |
| 2nd 1000 hrs                    | \$35.71 | \$65.00 | \$7.50                  | \$1.07  | \$0.36  | \$0.00 | \$8.57  | \$1.00           | \$0.00    | \$0.00    | \$54.21       | \$72.06  |
| 3rd 1000 hrs                    | \$38.46 | \$70.00 | \$7.50                  | \$1.15  | \$0.38  | \$0.00 | \$9.23  | \$1.00           | \$0.00    | \$0.00    | \$57.72       | \$76.95  |

|              |         |         |        |        |        |        |         |        |        |        |         |         |
|--------------|---------|---------|--------|--------|--------|--------|---------|--------|--------|--------|---------|---------|
| 4th 1000 hrs | \$41.20 | \$75.00 | \$7.50 | \$1.24 | \$0.41 | \$0.00 | \$9.89  | \$1.00 | \$0.00 | \$0.00 | \$61.24 | \$81.84 |
| 5th 1000 hrs | \$43.95 | \$80.00 | \$7.50 | \$1.32 | \$0.44 | \$0.00 | \$10.55 | \$1.00 | \$0.00 | \$0.00 | \$64.76 | \$86.74 |
| 6th 1000 hrs | \$46.70 | \$85.00 | \$7.50 | \$1.39 | \$0.47 | \$0.00 | \$11.21 | \$1.00 | \$0.00 | \$0.00 | \$68.27 | \$91.62 |
| 7th 1000 hrs | \$49.45 | \$90.00 | \$7.50 | \$1.48 | \$0.49 | \$0.00 | \$11.87 | \$1.00 | \$0.00 | \$0.00 | \$71.79 | \$96.52 |

**(\*)Special Calculation Note :**

Other is Health Reimbursement Account

**Ratio :**

1 Journeyman to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Adams, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Delaware, Fairfield, Fayette, Franklin, Gallia, Geauga, Greene, Guernsey, Hamilton, Harrison, Highland, Hocking, Holmes, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Perry, Pickaway, Pike, Portage, Preble, Richland, Ross, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren, Washington, Wayne

**Special Jurisdictional Note :**

**Details :**

Operator "A": John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater than 25 tons and less than 45 tons).

Operator "B": Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C": Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

**Special Notes:**

When Cable Splicer helpers are used, they must be a Journeyman Lineman.

Pipe installation, holiday testing, welding, cable splicing operation of vacuum pumps and cable pulling equipment and all work requiring the use of hand tools shall be done by Journeymen and Apprentices. Pipe coating, manhole preparations and conditioning, nitrogen connections and flowmeter installation shall be done by or under the direct supervision of a Journeyman.

At least two (2) Journeyman Linemen in addition to certified lineman welders shall be employed to install high voltage pipe.

When pulling cable, at least six (6) of the workmen shall be no less than Journeyman classifications. When pumping oil, only Journeyman Lineman or equipment operators shall be permitted to operate degasifying and oil pumping equipment



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 Outside Utility Power

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
1/7/2026

**Effective Date:**  
1/7/2026

|                                 | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                 |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                  |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Lineman              | \$52.03 |         | \$7.50                  | \$1.56  | \$0.52  | \$0.00 | \$12.49 | \$1.00 | \$0.00           | \$0.00   | \$75.10   | \$101.12      |
| Substation Technician           | \$52.03 |         | \$7.50                  | \$1.56  | \$0.50  | \$0.00 | \$12.49 | \$1.00 | \$0.00           | \$0.00   | \$75.08   | \$101.09      |
| Cable Splicer                   | \$54.50 |         | \$7.50                  | \$1.64  | \$0.55  | \$0.00 | \$13.08 | \$1.00 | \$0.00           | \$0.00   | \$78.27   | \$105.52      |
| Operator A                      | \$46.61 |         | \$7.50                  | \$1.40  | \$0.47  | \$0.00 | \$11.19 | \$1.00 | \$0.00           | \$0.00   | \$68.17   | \$91.47       |
| Operator B                      | \$41.17 |         | \$7.50                  | \$1.23  | \$0.41  | \$0.00 | \$9.87  | \$1.00 | \$0.00           | \$0.00   | \$61.18   | \$81.77       |
| Operator C                      | \$33.00 |         | \$7.50                  | \$0.99  | \$0.33  | \$0.00 | \$7.92  | \$1.00 | \$0.00           | \$0.00   | \$50.74   | \$67.24       |
| Groundman 0-12 months Exp       | \$26.02 |         | \$7.50                  | \$0.78  | \$0.26  | \$0.00 | \$6.24  | \$1.00 | \$0.00           | \$0.00   | \$41.80   | \$54.81       |
| Groundman 0-12 months Exp w/CDL | \$28.62 |         | \$7.50                  | \$0.86  | \$0.29  | \$0.00 | \$6.87  | \$1.00 | \$0.00           | \$0.00   | \$45.14   | \$59.45       |
| Groundman 1 yr or more          | \$28.62 |         | \$7.50                  | \$0.86  | \$0.29  | \$0.00 | \$6.87  | \$1.00 | \$0.00           | \$0.00   | \$45.14   | \$59.45       |
| Groundman 1 yr or more w/CDL    | \$33.82 |         | \$7.50                  | \$1.01  | \$0.34  | \$0.00 | \$8.12  | \$1.00 | \$0.00           | \$0.00   | \$51.79   | \$68.70       |
| Equipment Mechanic A            | \$41.17 |         | \$7.50                  | \$1.23  | \$0.41  | \$0.00 | \$9.87  | \$1.00 | \$0.00           | \$0.00   | \$61.18   | \$81.77       |
| Equipment Mechanic B            | \$37.09 |         | \$7.50                  | \$1.11  | \$0.37  | \$0.00 | \$8.90  | \$1.00 | \$0.00           | \$0.00   | \$55.97   | \$74.52       |
| Equipment Mechanic C            | \$33.00 |         | \$7.50                  | \$0.99  | \$0.33  | \$0.00 | \$7.92  | \$1.00 | \$0.00           | \$0.00   | \$50.74   | \$67.24       |
| Line Truck w/auger              | \$36.40 |         | \$7.50                  | \$1.09  | \$0.36  | \$0.00 | \$8.71  | \$1.00 | \$0.00           | \$0.00   | \$55.06   | \$73.26       |
| Apprentice                      | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 1000 hrs                    | \$31.22 | \$60.00 | \$7.50                  | \$0.94  | \$0.31  | \$0.00 | \$7.49  | \$1.00 | \$0.00           | \$0.00   | \$48.46   | \$64.07       |
| 2nd 1000 hrs                    | \$33.82 | \$65.00 | \$7.50                  | \$1.01  | \$0.34  | \$0.00 | \$8.12  | \$1.00 | \$0.00           | \$0.00   | \$51.79   | \$68.70       |
| 3rd 1000 hrs                    | \$36.42 | \$70.00 | \$7.50                  | \$1.09  | \$0.36  | \$0.00 | \$8.74  | \$1.00 | \$0.00           | \$0.00   | \$55.11   | \$73.32       |

|              |         |         |        |        |        |        |         |        |        |        |         |         |
|--------------|---------|---------|--------|--------|--------|--------|---------|--------|--------|--------|---------|---------|
| 4th 1000 hrs | \$39.02 | \$75.00 | \$7.50 | \$1.17 | \$0.39 | \$0.00 | \$9.37  | \$1.00 | \$0.00 | \$0.00 | \$58.45 | \$77.96 |
| 5th 1000 hrs | \$41.62 | \$80.00 | \$7.50 | \$1.25 | \$0.44 | \$0.00 | \$9.99  | \$1.00 | \$0.00 | \$0.00 | \$61.80 | \$82.61 |
| 6th 1000 hrs | \$44.23 | \$85.00 | \$7.50 | \$1.33 | \$0.44 | \$0.00 | \$10.61 | \$1.00 | \$0.00 | \$0.00 | \$65.11 | \$87.22 |
| 7th 1000 hrs | \$46.83 | \$90.00 | \$7.50 | \$1.40 | \$0.47 | \$0.00 | \$11.24 | \$1.00 | \$0.00 | \$0.00 | \$68.44 | \$91.86 |

**(\*)Special Calculation Note :**

Other: Health Reimbursement Account

**Ratio :**

(1) Journeyman Lineman to (1) Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Adams, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Delaware, Fairfield, Fayette, Franklin, Gallia, Geauga, Greene, Guernsey, Hamilton, Harrison, Highland, Hocking, Holmes, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Perry, Pickaway, Pike, Portage, Preble, Richland, Ross, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren, Washington, Wayne

**Special Jurisdictional Note :**

**Details :**

Operator "A": John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater than 25 tons and less than 45 tons).

Operator "B": Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C": Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 Underground Residential Distribution

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Electrical

**Effective Date:**  
1/7/2026

**Effective Date:**  
1/7/2026

|                                 | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                 |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                  |         |         |                         |         |         |        |         |        |                  |          |           |               |
| URD Electrician                 | \$39.42 |         | \$7.50                  | \$1.18  | \$0.39  | \$0.00 | \$9.43  | \$1.00 | \$0.00           | \$0.00   | \$58.92   | \$78.63       |
| Equipment Operator A            | \$35.24 |         | \$7.50                  | \$1.06  | \$0.35  | \$0.00 | \$8.46  | \$1.00 | \$0.00           | \$0.00   | \$53.61   | \$71.23       |
| Equipment Operator B            | \$32.34 |         | \$7.50                  | \$0.97  | \$0.32  | \$0.00 | \$7.76  | \$1.00 | \$0.00           | \$0.00   | \$49.89   | \$66.06       |
| Directional Drill Locator       | \$35.24 |         | \$7.50                  | \$1.06  | \$0.35  | \$0.00 | \$8.46  | \$1.00 | \$0.00           | \$0.00   | \$53.61   | \$71.23       |
| Directional Drill Operator      | \$32.34 |         | \$7.50                  | \$0.97  | \$0.32  | \$0.00 | \$7.76  | \$1.00 | \$0.00           | \$0.00   | \$49.89   | \$66.06       |
| Groundman 0-12 months Exp       | \$25.50 |         | \$7.50                  | \$0.77  | \$0.26  | \$0.00 | \$6.12  | \$1.00 | \$0.00           | \$0.00   | \$41.15   | \$53.90       |
| Groundman 0-12 months Exp w/CDL | \$28.15 |         | \$7.50                  | \$0.84  | \$0.28  | \$0.00 | \$6.76  | \$1.00 | \$0.00           | \$0.00   | \$44.53   | \$58.60       |
| Groundman 1 yr or more          | \$28.15 |         | \$7.50                  | \$0.84  | \$0.28  | \$0.00 | \$6.76  | \$1.00 | \$0.00           | \$0.00   | \$44.53   | \$58.60       |
| Groundman 1 yr or more w/CDL    | \$33.47 |         | \$7.50                  | \$1.00  | \$0.33  | \$0.00 | \$8.03  | \$1.00 | \$0.00           | \$0.00   | \$51.33   | \$68.06       |
| Apprentice                      | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st 1000 hrs                    | \$31.54 | \$80.00 | \$7.50                  | \$0.95  | \$0.32  | \$0.00 | \$7.57  | \$1.00 | \$0.00           | \$0.00   | \$48.88   | \$64.65       |
| 2nd 1000 hrs                    | \$33.51 | \$85.00 | \$7.50                  | \$1.01  | \$0.34  | \$0.00 | \$8.04  | \$1.00 | \$0.00           | \$0.00   | \$51.40   | \$68.16       |
| 3rd 1000 hrs                    | \$35.48 | \$90.00 | \$7.50                  | \$1.06  | \$0.35  | \$0.00 | \$8.51  | \$1.00 | \$0.00           | \$0.00   | \$53.90   | \$71.64       |
| 4th 1000 hrs                    | \$37.45 | \$95.00 | \$7.50                  | \$1.12  | \$0.37  | \$0.00 | \$8.99  | \$1.00 | \$0.00           | \$0.00   | \$56.43   | \$75.16       |

**(\*)Special Calculation Note :**

Other: Health Reimbursement Account

**Ratio :**



**Jurisdiction ( \* denotes special jurisdictional note ) :**

Adams, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Delaware, Fairfield, Fayette, Franklin, Gallia, Geauga, Greene, Guernsey, Hamilton, Harrison, Highland, Hocking, Holmes, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Perry, Pickaway, Pike, Portage, Preble, Richland, Ross, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren, Washington, Wayne

**Special Jurisdictional Note :**

**Details :**

This work applies to projects designated for any outside Underground Residential Distribution construction work for electrical utilities, municipalities and rural electrification projects.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 71 Voice Data Video Outside

**Type of Rate:** Commercial

**Change #:**  
LCN02-2024ib

**Craft:**  
Electrical

**Effective Date:**  
3/6/2024

**Effective Date:**  
3/6/2024

|                                   | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-----------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                   |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                    |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Electrical Installer Technician I | \$35.39 |         | \$7.25                  | \$1.06  | \$0.00  | \$0.00 | \$1.77  | \$0.00 | \$0.00           | \$0.00   | \$45.47   | \$63.17       |
| Installer Technician II           | \$33.37 |         | \$7.25                  | \$1.00  | \$0.00  | \$0.00 | \$1.67  | \$0.00 | \$0.00           | \$0.00   | \$43.29   | \$59.98       |
| Installer Repairman               | \$33.37 |         | \$7.25                  | \$1.00  | \$0.00  | \$0.00 | \$1.67  | \$0.00 | \$0.00           | \$0.00   | \$43.29   | \$59.98       |
| Equipment Operator II             | \$24.98 |         | \$7.25                  | \$0.75  | \$0.00  | \$0.00 | \$1.25  | \$0.00 | \$0.00           | \$0.00   | \$34.23   | \$46.72       |
| Cable Splicer                     | \$35.39 |         | \$7.25                  | \$1.06  | \$0.00  | \$0.00 | \$1.77  | \$0.00 | \$0.00           | \$0.00   | \$45.47   | \$63.17       |
| Ground Driver W/CDL               | \$16.69 |         | \$7.25                  | \$0.50  | \$0.00  | \$0.00 | \$0.83  | \$0.00 | \$0.00           | \$0.00   | \$25.27   | \$33.62       |
| Groundman                         | \$14.57 |         | \$7.25                  | \$0.44  | \$0.00  | \$0.00 | \$0.73  | \$0.00 | \$0.00           | \$0.00   | \$22.99   | \$30.28       |
| Apprentice                        | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| Trainee F                         | \$17.70 | \$50.01 | \$7.25                  | \$0.53  | \$0.00  | \$0.89 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$26.37   | \$35.22       |
| Trainee E                         | \$20.53 | \$58.00 | \$7.25                  | \$0.62  | \$0.00  | \$1.03 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$29.43   | \$39.69       |
| Trainee D                         | \$23.36 | \$66.00 | \$7.25                  | \$0.70  | \$0.00  | \$1.17 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$32.48   | \$44.16       |
| Trainee C                         | \$26.19 | \$74.00 | \$7.25                  | \$0.79  | \$0.00  | \$1.31 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$35.54   | \$48.63       |
| Trainee B                         | \$29.02 | \$82.00 | \$7.25                  | \$0.87  | \$0.00  | \$1.45 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$38.59   | \$53.10       |
| Trainee A                         | \$31.85 | \$90.00 | \$7.25                  | \$0.96  | \$0.00  | \$1.59 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$41.65   | \$57.58       |

**(\*)Special Calculation Note :**

**Ratio :**

1Trainee to 1 Journeyman

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Adams, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Delaware, Fairfield, Fayette, Franklin, Gallia, Geauga, Greene, Guernsey, Hamilton, Harrison, Highland, Hocking, Holmes, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Perry, Pickaway, Pike, Portage, Preble, Richland, Ross, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren, Washington, Wayne

#### **Special Jurisdictional Note :**

#### **Details :**

Cable Splicer: Inspect and test lines or cables, analyze results, and evaluate transmission characteristics. Cover conductors with insulation or seal splices with moisture-proof covering. Install, splice, test, and repair cables using tools or mechanical equipment. This will include the splicing of fiber. Installer Technician I: Must know all aspects of telephone and cable work. This is to include aerial, underground, and manhole work. Must know how to climb and run bucket. Must have all the tools required to perform these tasks. Must be able to be responsible for the safety of the crew at all times. Must also have CDL license and have at least 5 years experience. Installer Repairman: Perform tasks of repairing, installing, and testing phone and CATV services. Installer Technician II: Have at least three years of telephone and CATV experience. Must have the knowledge of underground, aerial, and manhole work. Must be able to climb and operate bucket. Must have CDL. Must have all tools needed to perform these tasks. Equipment Operator II: Able to operate a digger derrick or bucket truck. Have at least 3 years of experience and must have a valid CDL license. Groundman W/CDL: Must have a valid CDL license and be able to perform tasks such as: climbing poles, pulling down guys, making up material, and getting appropriate tools for the job. Must have at least 5 year's experience. Groundman: Perform tasks such as: climbing poles, pulling down guys, making up material, and getting appropriate tools for the job. Experience 0-5 years.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Elevator Local 17

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Elevator

Effective Date:  
3/11/2026

Effective Date:  
3/11/2026

|                     | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                     |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification      |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Elevator Mechanic   | \$66.52 |         | \$16.37                 | \$11.06 | \$0.85  | \$5.32 | \$10.70 | \$2.50 | \$0.00           | \$0.00   | \$113.32  | \$146.58      |
| Apprentice          | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 0-6months Probation | \$33.26 | \$50.00 | \$0.00                  | \$0.00  | \$0.00  | \$2.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$35.26   | \$51.89       |
| 1st year            | \$36.59 | \$55.00 | \$16.37                 | \$11.06 | \$0.85  | \$2.20 | \$10.70 | \$1.38 | \$0.00           | \$0.00   | \$79.15   | \$97.45       |
| 2nd year            | \$43.24 | \$65.00 | \$16.37                 | \$11.06 | \$0.85  | \$2.59 | \$10.70 | \$1.63 | \$0.00           | \$0.00   | \$86.44   | \$108.06      |
| 3rd year            | \$46.56 | \$70.00 | \$16.37                 | \$11.06 | \$0.85  | \$2.79 | \$10.70 | \$1.75 | \$0.00           | \$0.00   | \$90.08   | \$113.36      |
| 4th year            | \$53.22 | \$80.00 | \$16.37                 | \$11.06 | \$0.85  | \$3.19 | \$10.70 | \$2.00 | \$0.00           | \$0.00   | \$97.39   | \$124.00      |
| Assistant Mechanic  | \$53.22 | \$80.00 | \$16.37                 | \$11.06 | \$0.85  | \$4.26 | \$10.70 | \$2.00 | \$0.00           | \$0.00   | \$98.46   | \$125.07      |
| Helper              | \$46.56 | \$70.00 | \$16.37                 | \$11.06 | \$0.85  | \$3.72 | \$10.70 | \$1.75 | \$0.00           | \$0.00   | \$91.01   | \$114.29      |

## (\*)Special Calculation Note :

Vacation: 6% for employees under 5 years based on regular hourly rate for all hours worked, 8% for employees over 5 years based on regular hourly rate for all hours worked.

Other: Holiday Pay

## Ratio :

1 Journeyman to 1 Apprentice  
1 Journeyman to 1 Helper  
1 Journeyman to 1 Assistant Mechanic

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Erie, Geauga, Lake, Lorain

## Special Jurisdictional Note :

## Details :



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Glazier Local 181

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Glazier

**Effective Date:**  
5/21/2025

**Effective Date:**  
5/21/2025

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Glazier        | \$35.92 |         | \$9.52                  | \$11.58 | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$57.47   | \$75.43       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year       | \$21.55 | \$60.00 | \$9.52                  | \$1.02  | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$32.54   | \$43.32       |
| 2nd Year       | \$25.14 | \$70.00 | \$9.52                  | \$3.52  | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$38.63   | \$51.21       |
| 3rd Year       | \$28.74 | \$80.00 | \$9.52                  | \$7.69  | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$46.40   | \$60.76       |
| 4th Year       | \$32.33 | \$90.00 | \$9.52                  | \$8.53  | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$50.83   | \$66.99       |

## (\*)Special Calculation Note :

No special calculations for this classification.

## Ratio :

1 Journeymen to 1 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Erie\*, Geauga, Huron, Lake, Lorain, Medina\*, Portage\*, Summit\*

## Special Jurisdictional Note :

Start at the intersection of Route 305 and the eastern boundary line of Portage County. Follow Route 305 west onto Route 82, follow Route 82 west to the intersection of Routes 82,8 and 271, follow Route 271 south to Medina County line west to Route 94, follow Route 94 south to Route 303, follow Route 303 west to Route 252, follow Route 252 south to Route 18, follow Route 18 west to Route 301, follow 301 south to Route 162, follow Route 162 west to Route 58, follow Route 58 south to the Ashland County line, follow the Ashland County line. The eastern part of Route 4 north to Lake Erie is the jurisdiction of Local 181. Local 181 has the jurisdiction on all projects built on the property which borders on the above Routes and/or intersections, wherever a County line is the divider between Local 181 and another Union, the jurisdiction is only to the county line.

## Details :

High Pay: All work is defined for the purpose of the agreement as being work which requires that the employee be supported by equipment that hangs from or suspends from the wall or roof of a building or structure. This work shall receive an additional \$1.50 per hour.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Ironworker Local 17

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Ironworker

**Effective Date:**  
5/1/2026

**Effective Date:**  
5/1/2026

|                         | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                         |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification          |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Ironworker              | \$39.48 |         | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$69.84   | \$89.58       |
| Apprentice              | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year - 1st 6 Months | \$23.69 | \$60.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$54.05   | \$65.90       |
| 1st Year - 2nd 6 Months | \$25.66 | \$65.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$56.02   | \$68.85       |
| 2nd Year - 1st 6 Months | \$27.64 | \$70.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$58.00   | \$71.82       |
| 2nd Year - 2nd 6 Months | \$29.61 | \$75.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$59.97   | \$74.78       |
| 3rd Year - 1st 6 Months | \$31.58 | \$80.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$61.94   | \$77.73       |
| 3rd Year - 2nd 6 Months | \$33.56 | \$85.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$63.92   | \$80.70       |
| 4th Year - 1st 6 Months | \$35.53 | \$90.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$65.89   | \$83.66       |
| 4th Year - 2nd 6 Months | \$37.51 | \$95.00 | \$9.14                  | \$10.00 | \$0.72  | \$2.50 | \$8.00  | \$0.00 | \$0.00           | \$0.00   | \$67.87   | \$86.63       |

**(\*)Special Calculation Note :**

## Ratio :

- 4 Journeymen to 1 Apprentice on Structural Work
- 3 Journeymen to 1 Apprentice on Rod Work
- 2 Journeymen to 1 Apprentice on Finishing, Steel Sash, Stairway and Ornamental Work
- 1 Apprentice for every Sheeting Gang
- 1 Journeymen to 2 Apprentice Roadway Signage and Sound Barriers
- 2 Journeymen to 2 Apprentice Unloading and Erection of Light Gauge Metal Trusses

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashland\*, Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Ottawa\*, Portage, Summit



### **Special Jurisdictional Note :**

**WEST BOUNDARY LINE:** Sandusky, Ohio - Columbus Avenue north to Sandusky Bay (and/or Lake Erie); Columbus Avenue south to present Route 4; Route 4 south to present Route 99; from Route 99 south to old Route 224 - all territory to the west of the boundary line is to be within the jurisdiction of Local Union No.55, Toledo, Ohio. All territory to the east of the boundary line is to be within the jurisdiction of Local Union No. 17, Cleveland, Ohio. Kelly's Island is to be within the jurisdiction of Local

Union No. 17, Cleveland, Ohio. All bridges, tunnels, viaducts, etc., relative to these boundary lines shall be under the jurisdiction of Local Union No. 17, Cleveland, Ohio.

**EAST BOUNDARY LINE:** Ashtabula, Ohio - All territory from the Geauga County Line on the West boundary North of State Route 6 and West of State Route 11 and North of Interstate Route 90 to the Pennsylvania Line on the East boundary shall fall under the jurisdiction of Local Union No. 17, Cleveland, Ohio.

**SOUTH BOUNDARY LINE:** Canton, Ohio - All territory north of old Route 224 line to be within the jurisdiction of Local Union No. 17, Cleveland, Ohio. All bridges, tunnels, viaducts, signs, etc., relative to old Route 224 line to be within the jurisdiction of Local Union No. 17, Cleveland, Ohio. All territory south of old Route 224 line is to be within the jurisdiction of Local Union No. 550, Canton, Ohio, except for everything within the city limits of Barberton, Ohio, which shall be under the jurisdiction of Local Union No. 17, Cleveland, Ohio.

**SOUTHEAST BOUNDARY:** West of a line from Middlefield to Shalersville to Deerfield, shall be under the jurisdiction of Local Union No.

17, Cleveland, Ohio. East of a line from Middlefield, to Shalersville to Deerfield, shall be under the jurisdiction of Local Union No.

207, Youngstown, Ohio. Local Union No. 17, Cleveland, Ohio and Local Union No. 207, Youngstown, Ohio has agreed that the Ohio County of Ashtabula, shall be as follows: Ashtabula County in Ohio-All territory from the Portage County Line on the West boundary South of State Route 6 and East of State Route 11 and South of Interstate Route 90 to the Pennsylvania Line on the East boundary shall fall under the jurisdiction of Local Union 207, Youngstown, Ohio. Everything south, starting at the Geauga County line, shall be under the jurisdiction of Local Union No. 207, Youngstown, Ohio.

**NORTH BOUNDARY:** The east boundary line and the west boundary line continuing north half-way across Lake Erie.

### **Details :**

# Prevailing Wage Rate Skilled Crafts

Name of Union: Labor HevHwy 1B

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Laborer

Effective Date:  
5/1/2026

Effective Date:  
5/1/2026

|                    | BHR     |          | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------|---------|----------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                    |         |          | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification     |         |          |                         |         |         |        |         |        |                  |          |           |               |
| Laborer Group 1    | \$40.43 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$57.53   | \$77.75       |
| Group 2            | \$40.60 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$57.70   | \$78.00       |
| Group 3            | \$40.93 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$58.03   | \$78.50       |
| Group 4            | \$41.38 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$58.48   | \$79.17       |
| Watch Person       | \$33.50 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$50.60   | \$67.35       |
| Apprentice         | BHR     | Percent  |                         |         |         |        |         |        |                  |          |           |               |
| 0-1000 hrs         | \$32.34 | \$80.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$49.44   | \$65.61       |
| 1001-2000 hrs      | \$34.37 | \$85.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$51.47   | \$68.66       |
| 2001-3000 hrs      | \$36.39 | \$90.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$53.49   | \$71.69       |
| 3001-4000 hrs      | \$38.41 | \$95.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$55.51   | \$74.72       |
| More than 4000 hrs | \$40.43 | \$100.00 | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$57.53   | \$77.75       |

## (\*)Special Calculation Note :

Tunnel Laborer rate with air-pressurized add \$1.00 to the above wage rate

Commercial Driver's License – Any Laborer required to utilize a valid Commercial Driver's License (CDL), are in compliance with necessary FMCSA regulations and approved by the Contractor to operate a Commercial Motor Vehicle (CMV), shall be paid one dollar (\$1.00) per hour above the base rate for the entirety of their working shift.

## Ratio :

1 Journeyman to 1 Apprentice  
3 Journeymen to 1 Apprentice thereafter

Watchman have no Apprentices

## Jurisdiction ( \* denotes special jurisdictional note ) :

Cuyahoga, Geauga

## Special Jurisdictional Note :

Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site



#### Details :

Group 1 Laborer (Construction); Plant Laborer or Yardman, Right-of-way Laborer, Landscape Laborer, Highway Lighting Worker, Signalization Worker, (Swimming) Pool Construction Laborer, Utility Man, \*Bridge Man, Handyman, Joint Setter, Flagperson, Carpenter Helper, Waterproofing Laborer, Slurry Seal, Seal Coating, Surface Treatment or Road Mix Laborer, Riprap Laborer & Grouter, Asphalt Laborer, Dump Man (batch trucks), Guardrail & Fence Installer, Mesh Handler & Placer, Concrete Curing Applicator, Scaffold Erector, Sign Installer, Hazardous Waste (level D), Diver Helper, Zone Person and Traffic Control. \*Bridge Man will perform work as per the October 31, 1949, memorandum on concrete forms, by and between the United Brotherhood of Carpenters and Joiners of America and the Laborers' International Union of North America, which states in; "the moving, cleaning, oiling and carrying to the next point of erection, and the stripping of forms which are not to be re-used, and forms on all flat arch work shall be done by members of the Laborers' International Union of North America."

Group 2 Asphalt Raker, Screwman or Paver, Concrete Puddler, Kettle Man (pipeline), All Machine-Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Skid Steer, Sheeting & Shoring Person, Surface Grinder Person, Screedperson, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning), Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), \*\*\*Lead Abatement, Hazardous Waste (level C) \*\*\*Includes the erecting of structures for the removal, including the encapsulation and containment of Lead abatement process.

Group 3 Blast and Powder Person, Muckers will be defined as shovel men working directly with the miners, Wrencher (mechanical joints & utility pipeline), Yarnier, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Grade Checker, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person will receive the rate equal to the rate paid the Laborer classification for which the Laborer is signaling.

Group 4 Miner, Welder, Gunite Nozzle Person A.) The Watchperson shall be responsible to patrol and maintain a safe traffic zone including but not limited to barrels, cones, signs, arrow boards, message boards etc. The responsibility of a watchperson is to see that the equipment, job and office trailer etc. are secure.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Labor HevHwy 5

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Laborer

Effective Date:  
5/1/2026

Effective Date:  
5/1/2026

|                    | BHR     |          | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------|---------|----------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                    |         |          | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification     |         |          |                         |         |         |        |         |        |                  |          |           |               |
| Laborer Group 1    | \$41.81 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$58.91   | \$79.81       |
| Watch Person       | \$33.50 |          | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$50.60   | \$67.35       |
| Apprentice         | BHR     | Percent  |                         |         |         |        |         |        |                  |          |           |               |
| 0-1000 hrs         | \$33.45 | \$80.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$50.55   | \$67.28       |
| 1001-2000 hrs      | \$35.54 | \$85.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$52.64   | \$70.41       |
| 2001-3000 hrs      | \$37.63 | \$90.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$54.73   | \$73.55       |
| 3001-4000 hrs      | \$39.72 | \$95.00  | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$56.82   | \$76.68       |
| More than 4000 hrs | \$41.81 | \$100.00 | \$9.45                  | \$4.60  | \$0.45  | \$0.00 | \$2.50  | \$0.00 | \$0.10           | \$0.00   | \$58.91   | \$79.81       |

## (\*)Special Calculation Note :

Commercial Driver's License – Any Laborer required to utilize a valid Commercial Driver's License (CDL), are in compliance with necessary FMCSA regulations and approved by the Contractor to operate a Commercial Motor Vehicle (CMV), shall be paid one dollar (\$1.00) per hour above the base rate for the entirety of their working shift.

## Ratio :

1 Journeyman to 1 Apprentice  
3 Journeymen to 1 Apprentice thereafter

Watchman have no Apprentices

## Jurisdiction ( \* denotes special jurisdictional note ) :

Cuyahoga, Geauga

## Special Jurisdictional Note :

## Details :

Laborer Heavy Highway 5 for Cuyahoga and Geauga Counties provides wage rates for ONLY the following work: All work in laying and installation of process piping both outside and within sewage filtration, water treatment plants, and ethanol plants, including mechanical and pressure pipe within. All work in construction of swimming pools, including but not limited to, the installation and demolition of water filtration systems, at municipal, county & state facilities. Construction of pumping stations, waste and sewage disposal plants, incinerator plants, water treatment plants, filtration plants and solid waste disposal.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Labor Local 310

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Laborer

Effective Date:  
5/6/2026

Effective Date:  
5/6/2026

|                 | BHR     |          | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-----------------|---------|----------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                 |         |          | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification  |         |          |                         |         |         |        |         |        |                  |          |           |               |
| Laborer Group 1 | \$34.53 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.38   | \$75.65       |
| Group 2         | \$35.01 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.86   | \$76.37       |
| Group 3         | \$34.78 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.63   | \$76.02       |
| Group 4         | \$31.43 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$55.28   | \$71.00       |
| Group 5         | \$28.93 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$52.78   | \$67.25       |
| Group 6         | \$31.08 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$54.93   | \$70.47       |
| Group 7         | \$35.03 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.88   | \$76.40       |
| Group 8         | \$35.18 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$59.03   | \$76.62       |
| Group 9         | \$29.38 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$53.23   | \$67.92       |
| Group 10        | \$25.38 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$49.23   | \$61.92       |
| Group 11        | \$34.68 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.53   | \$75.87       |
| Group 12        | \$34.92 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.77   | \$76.23       |
| Group 13        | \$36.03 |          | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$59.88   | \$77.90       |
| Apprentice      | BHR     | Percent  |                         |         |         |        |         |        |                  |          |           |               |
| 1-1000 hours    | \$20.72 | \$60.00  | \$9.26                  | \$0.00  | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$33.62   | \$43.98       |
| 1001-2000 hours | \$24.17 | \$70.00  | \$9.26                  | \$5.48  | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$42.55   | \$54.64       |
| 2001-3000 hours | \$27.62 | \$80.00  | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$51.47   | \$65.28       |
| 3001-4000 hours | \$31.08 | \$90.00  | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$54.93   | \$70.47       |
| 4001 plus       | \$34.53 | \$100.00 | \$9.26                  | \$10.95 | \$0.10  | \$0.00 | \$3.18  | \$0.15 | \$0.00           | \$0.21   | \$58.38   | \$75.65       |

## (\*)Special Calculation Note :

Other is Supplemental Unemployment Benefit (SUB).

## Ratio :

3 Journeymen to 1 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Cuyahoga, Geauga, Lake



### Special Jurisdictional Note :

#### Details :

- Group 1 - Building and construction Laborers and Tenders; Asbestos Removal - hazardous materials; unloading of furniture and fixtures
- Group 2 - Gunite Operating (Machines of all type)
- Group 3 - Laborers on swinging scaffolds; air track and wagon drill
- Group 4 - Drywall stocking and handling
- Group 5 - General Landscaping
- Group 6 - Final Clean-up (must perform clean-up duties for entire work shift, and excludes demolition work)
- Group 7 - Blasters, Shooters, Caissons, Well Cylinder, Cofferdams, Mine Workers without air, acid brick tenders
- Group 8 - Top man on free standing radial stack; bellman and bottom man in blast furnace and stove
- Group 9 - Sewer jet
- Group 10 - Heat tender
- Group 11 - Firebrick
- Group 12 - Mason tender handling carbon block and bottom block for blast furnace stoves, stacks etc
- Group 13 - Lansing Burners

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Operating Engineers - Building Local 18 - Zone I (A)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Operating Engineer

**Effective Date:**  
5/1/2026

**Effective Date:**  
5/1/2026

|                                     | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                     |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                      |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Operator Group A                    | \$51.61 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$69.06   | \$94.86       |
| Operator Group B                    | \$51.46 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$68.91   | \$94.64       |
| Operator Group C                    | \$50.01 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$67.46   | \$92.47       |
| Operator Group D                    | \$49.23 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$66.68   | \$91.30       |
| Operator Group E                    | \$48.91 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$66.36   | \$90.81       |
| Operator Group F                    | \$41.83 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$59.28   | \$80.19       |
| Master Mechanic                     | \$52.61 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$70.06   | \$96.36       |
| Lift Director                       | \$52.61 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$70.06   | \$96.36       |
| Crane 200'-299'                     | \$52.61 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$70.06   | \$96.36       |
| Crane 300' and over                 | \$53.11 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$70.56   | \$97.11       |
| Mobile Concrete Pumps 200'-299'r    | \$52.61 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$70.06   | \$96.36       |
| Mobile Concrete Pumps 300' and over | \$53.11 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$70.56   | \$97.11       |
| Apprentice                          | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year                            | \$30.88 | \$59.83 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$48.33   | \$63.77       |
| 2nd Year                            | \$36.02 | \$69.79 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$53.47   | \$71.48       |
| 3rd Year                            | \$41.17 | \$79.77 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$58.62   | \$79.20       |
| 4th Year                            | \$46.31 | \$89.73 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$63.76   | \$86.92       |

**(\*)Special Calculation Note :**

Other & Misc is Education & Safety and National Training Fund.

Note: There will be a 5% increase for the apprentices on top of the percentages listed above provided they are operating mobile equipment.

Operating Engineers employed on any piece of equipment requiring a Certified Crane Operator (CCO) certification or employed on cranes involved in pile driving operations shall be paid a premium of one dollar (\$1.00) per hour in addition to the crane rate or any escalated rate that may be in effect.



### Ratio :

For every (3) Operating Engineer Journeymen employed by the company ,there may be employed (1) Registered Apprentice. An apprentice, while employed as part of a crew per Article VIII, paragraph 77, will not be subject to the apprenticeship ratios in this collective bargaining agreement.

### Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina

### Special Jurisdictional Note :

### Details :

Group A - A-Frames; " Boiler Operators, Compressor Operators, Hydraulic Pumps & Power Packs when mounted on a crane or regardless of where said equipment is mounted (piggy-back operation)"; Boom Trucks (all types); Cableways; Cherry Pickers; Combination - Concrete Mixers & Towers; Concrete Pumps; Cranes (all types); Cranes-compact: Track or rubber over 4000lbs. capacity; Cranes- self erecting: stationary, track or truck (all configurations); Derricks (all types); Draglines; Dredges (dipper, clam or suction) 3-man crew; Elevating Graders or Euclid Loaders; Floating Equipment; Gradalls; Helicopter Operators, hoisting building materials; Helicopter Winch Operators, hoisting building materials; Hoes (All types); Hoists (two or more drums ); Lift Slab or Panel Jack Operators; Locomotives (all types); Maintenance Engineers (Maintenance Operators and/or Welder); Mixers, paving (multiple drum); Mobile Concrete Pumps with booms; Panelboards, (all types on site); Pile Drivers; Power Shovels; Robotics Equipment Operator/Mechanic; Rotary Drills (all), used on caissons work, wells (all types), Geothermal work and sub-structure work; Rough Terrain Forklifts with Winch/Hoist (when used as a crane); Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on site); Trench Machines (over 24" wide); Tug Boats; Tunnel Boring Machine (TBM).

Group B - Asphalt Pavers; Bulldozers; CMI type Equipment; End Loaders; Horizontal Directional Drill Locator; Horizontal Directional Drill Operator; Instrument Man; Kolman-type Loaders (Dirt Loading); Lead Greasemen; Mucking Machines; Power Graders; Power Scoops; Power Scrapers; Push Cats; Rotomills; Vermeer Type Concrete Saw.

Group C - Air Compressors, Pressurizing Shafts or Tunnels; Articulating/Straight bed end dumps if assigned by the employer (minus \$4.00 per hour from Group C); All Asphalt Rollers; Fork Lifts; Hoists (with one drum); House Elevators (except those automatic call button controlled); Hydro Excavator (all types C rate) (F rate if a second person is needed) Helper rate; Laser Screeds and like equipment; Man Lifts; Modular Moving and Placement machine (C Rate) (F Rate if second person is needed); Mud Jacks; Portable Hydraulic Gantry (lift system C rate) (F Rate if a second person is needed); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating Well Points or other types of Dewatering Systems); Pressure Grouting; Trenchers (24" and under); Utility Operators.

Group D – Brokks with a manufacture's weight of 3,500 lbs. and above; Compressors, on building construction; Conveyors, used for handling building materials; Generators; Guniting Machines; Mixers, more than one bag capacity; Mixers, one bag capacity (side loader); Pavement Breakers (hydraulic or cable); Post Drivers; Post Hole Diggers; Road Widening Trenchers; Rollers; Welder Operators.

Group E - Backfillers and Tampers; Batch Plants; Bar and Joint Installing Machines; Bull Floats; Burlap and Curing Machines; Cleaning Machine Operator (decontamination included); Clefplanes; Concrete Spreading Machines; Crushers; Deckhands; Drum Fireman (asphalt); Farm-type, Tractor, pulling attachments; Finishing Machines; Forklifts (masonry work only); Form Trenchers; High Pressure Pumps (over 1/2" discharge); Hydro Seeders; Pumps (4" and over discharge), provided it is not part of a de-watering system discharged into a common header; Self-Propelled Power Spreaders; Self-Propelled Sub Graders; Submersible Pump (4" and over discharge), provided it is not part of a dewatering system discharged into a common header; Tire Repairman; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors with integral power.

Group F - Apprentice/Helpers, Oiler, Signalmen; Barrier Moving Machines (additional duty, paid same rate); Bobcat-type and/or Skid Steer Loader; Bobcat-type and/or Skid Steer Loader with any and all attachments; Brokks with a manufacture's weight less than 3,500 lbs.; Cranes – compact, track or rubber under 4000 lbs. capacity; Geodimeter; Grade Checker; Grinders (all); Inboard/Outboard Motor Boat Launches; Light Plant Operators; Planers (all types); Power Boilers (less than 15 lbs. pressure); Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Rod Man; Rotomills; Saw (concrete Vermeer-type); Submersible Pumps (under 4 inch discharge); Vac Alls; Cutting, burning and fabricating on equipment and their attachments.

Master Mechanic - Master Mechanic

Crane 200'-299' - Boom & Jib 200' feet and over Crane 300' and Over - Boom & Jib 300' and over



# Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - Hwy Zone I

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Operating Engineer

Effective Date:  
5/1/2026

Effective Date:  
5/1/2026

|                                              | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                              |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                               |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Operator Class A                             | \$48.78 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$66.23   | \$90.62       |
| Operator Class B                             | \$48.68 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$66.13   | \$90.47       |
| Operator Class C                             | \$47.64 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$65.09   | \$88.91       |
| Operator Class D                             | \$46.42 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$63.87   | \$87.08       |
| Operator Class E                             | \$41.13 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$58.58   | \$79.15       |
| Master Mechanic                              | \$49.78 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$67.23   | \$92.12       |
| Lift Director                                | \$49.78 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$67.23   | \$92.12       |
| Crane and Mobile Concrete Pump 150' - 179'   | \$49.28 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$66.73   | \$91.37       |
| Crane and Mobile Concrete Pump 180' - 249'   | \$49.78 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$67.23   | \$92.12       |
| Crane and Mobile Concrete Pump 250' and Over | \$50.03 |         | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$67.48   | \$92.50       |
| Apprentice                                   | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year                                     | \$24.39 | \$50.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$41.84   | \$54.03       |
| 2nd Year                                     | \$29.27 | \$60.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$46.72   | \$61.36       |
| 3rd Year                                     | \$34.15 | \$70.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$51.60   | \$68.67       |
| 4th Year                                     | \$39.02 | \$80.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.10   | \$56.47   | \$75.98       |
| Field Mech Trainee                           | \$      | \$      | \$                      | \$      | \$      | \$     | \$      | \$     | \$               | \$       | \$        | \$            |
| 1st Year                                     | \$29.27 | \$60.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.00   | \$46.62   | \$61.25       |
| 2nd Year                                     | \$34.15 | \$70.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.00   | \$51.50   | \$68.57       |
| 3rd Year                                     | \$39.02 | \$80.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.00   | \$56.37   | \$75.88       |
| 4th Year                                     | \$43.90 | \$90.00 | \$10.01                 | \$6.25  | \$1.00  | \$0.00 | \$0.00  | \$0.09 | \$0.00           | \$0.00   | \$61.25   | \$83.20       |

(\*)Special Calculation Note :



Other: Education & Safety Fund  
Misc: National Training

\*\*Apprentices will receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment.

**Ratio :**

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) Registered Apprentice or Trainee Engineer through the referral when they are available. An Apprentice, while employed as part of a crew per Article VIII, paragraph 68 will not be subject to the apprenticeship ratios in this collective bargaining agreement

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Erie, Geauga, Lake, Lorain, Medina, Portage, Summit

**Special Jurisdictional Note :**

**Details :**

Class A - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete Mixers & Towers; Concrete Plants (over 4 yd capacity); Concrete Pumps; Cranes (all types); Compact Cranes track or rubber over 4,000 pounds capacity; Cranes self-erecting stationary, track or truck; Derricks (all types); Draglines; Dredges dipper, clam or suction; Elevating Graders or Euclid Loaders; Floating Equipment (all types); Gradalls; Helicopter Crew (Operator- hoist or winch); Hoes (all types); Hoisting Engines; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial-type Tractors; Jet Engine Dryer (D8 or D9) diesel Tractors; Locomotives (standard gauge); Maintenance Operators/Technicians (class A); Mixers, paving (single or double drum); Mucking Machines; Multiple Scrapers; Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Rotary Drills, on caisson work; Rough Terrain Fork Lift with winch/hoist; Side Booms; Slip Form Pavers; Survey Crew Party Chiefs; Tower Derricks; Tree Shredders; Trench Machines (over 24" wide); Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators.

Class B - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or Skid Steer Loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; Concrete Saws, Vermeer type; Endloaders; Horizontal Directional Drill (50,000 ft. lbs. thrust and over); Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Maintenance Operators/Technicians, Class B - Material Transfer Equipment (shuttle buggy) Asphalt; Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Rotomills (all), Grinders and Planners of all types, Groovers (excluding walk-behinds); Trench Machines (24 inch wide and under).

Class C - A-Frames; Air Compressors, on tunnel work (low Pressure); Articulating/straight bed end dumps if assigned (minus \$4.00 per hour); Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Drones; Highway Drills (all types); HydroVac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Locomotives (narrow gauge); Material Hoist/Elevators; Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rollers, Asphalt; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Utilities Operators, (small equipment); Welding Machines and Generators.

Class D - Backfillers and Tampers; Ballast Re-locator; Bar and Joint Installing Machines; Batch Plant Operators; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yds. and under); Concrete Saws (multiple); Conveyors (highway); Crushers; Deckhands; Farm type tractors, with attachments (highway); Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway), except masonry; Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers (hydraulic or cable); Plant Mixers; Post Drivers; Post Hole Diggers; Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-Graders; Steam Firemen; Survey Instrument men; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors, with integral power.

Class E - Compressors (portable, Sewer, Heavy and Highway); Cranes-Compact, track or rubber under 4,000 pound capacity; Drum Firemen (asphalt plant); Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hr); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oil Heaters (asphalt plant); Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.

Master Mechanic - Master Mechanic

Cranes and Mobile Concrete Pumps 150' -179' - Boom & Jib 150 - 179 feet    Cranes and Mobile Concrete Pumps 180' - 249' - Boom & Jib 180 - 249 feet    Cranes and Mobile Concrete Pumps 250' and over - Boom & Jib 250 feet or over

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Painter Local 505 Drywall

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Painter

**Effective Date:**  
5/1/2026

**Effective Date:**  
5/1/2026

|                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Painter Drywall Finisher | \$36.40 |         | \$9.92                  | \$7.30  | \$0.45  | \$0.00 | \$4.74  | \$0.00 | \$0.00           | \$0.00   | \$58.81   | \$77.01       |
| Apprentice               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year                 | \$25.48 | \$70.00 | \$9.92                  | \$2.61  | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$38.46   | \$51.20       |
| 2nd Year                 | \$29.12 | \$80.00 | \$9.92                  | \$3.28  | \$0.45  | \$0.00 | \$3.79  | \$0.00 | \$0.00           | \$0.00   | \$46.56   | \$61.12       |
| 3rd Year                 | \$32.76 | \$90.00 | \$9.92                  | \$4.08  | \$0.45  | \$0.00 | \$4.27  | \$0.00 | \$0.00           | \$0.00   | \$51.48   | \$67.86       |

**(\*)Special Calculation Note :**

**Ratio :**

2 Journeyman to 1 Apprentice  
3 Journeyman to 1 Apprentice after 9 total tapers

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Portage\*, Summit\*

**Special Jurisdictional Note :**

Portage & Summit North of the East-West Turnpike.

**Details :**



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Painter Local 639 Sign and Display

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Painter

**Effective Date:**  
6/18/2025

**Effective Date:**  
6/18/2025

|                      | BHR     |         | Fringe Benefit Payments |         |         |        |         | Irrevocable Fund |           | Total PWR | Overtime Rate |          |
|----------------------|---------|---------|-------------------------|---------|---------|--------|---------|------------------|-----------|-----------|---------------|----------|
|                      |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other            | LECET (*) |           |               | MISC (*) |
| Classification       |         |         |                         |         |         |        |         |                  |           |           |               |          |
| Top Mechanic Class A | \$27.53 |         | \$4.50                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$1.45           | \$0.00    | \$0.00    | \$33.48       | \$47.25  |
| Top Mechanic Class B | \$27.53 |         | \$4.50                  | \$0.75  | \$0.00  | \$0.53 | \$0.00  | \$1.45           | \$0.00    | \$0.00    | \$34.76       | \$48.53  |
| Top Helper Class A   | \$22.33 |         | \$4.50                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$1.20           | \$0.00    | \$0.00    | \$28.03       | \$39.20  |
| Top Helper Class B   | \$22.33 |         | \$4.50                  | \$0.75  | \$0.00  | \$0.43 | \$0.00  | \$1.20           | \$0.00    | \$0.00    | \$29.21       | \$40.38  |
| Helper Class A       | \$17.19 |         | \$4.50                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.90           | \$0.00    | \$0.00    | \$22.59       | \$31.19  |
| Helper Class B       | \$17.19 |         | \$4.50                  | \$0.75  | \$0.00  | \$0.30 | \$0.00  | \$0.90           | \$0.00    | \$0.00    | \$23.64       | \$32.24  |
| New Hire (90 Days)   | \$15.75 |         | \$4.50                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.55           | \$0.00    | \$0.00    | \$20.80       | \$28.68  |
| Apprentice           | BHR     | Percent |                         |         |         |        |         |                  |           |           |               |          |

## (\*)Special Calculation Note :

Other: Sick, Personal & Holiday Pay    Swing Stage Rate: Employees shall receive a differential of \$1.50 per hour for all hours worked on scaffolds four sections or higher, including any boom lifts and swing stage scaffolds. In addition, the rigging and derigging of hanging/suspended swing stage systems and rappelling/bolson chair work of a single employee will qualify for \$1.50 differential, will be paid to a single lead Top Mechanic or single lead Top Helper on any given swing stage job, even when it includes multiple running rigs on a single jobsite.

## Ratio :

## Jurisdiction ( \* denotes special jurisdictional note ) :

Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia, Geauga, Greene, Guernsey, Hamilton, Hancock, Hardin, Harrison, Henry, Highland, Hocking, Holmes, Huron, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Lucas, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Ottawa, Paulding, Perry, Pickaway, Pike, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Van Wert, Vinton, Warren, Washington, Wayne, Williams, Wood, Wyandot

## Special Jurisdictional Note :



**Details :**

The work performed by employees covered by this rate shall include cleaning and refinishing of architectural metals using chemicals, solvents, coatings and hand-applied lacquer thinner, removing scratches from mirror finished metals, burnishing of bronze, statuary finishes on exterior and interior surfaces during the course of the restoration and maintenance of architectural metals, and other specialty metal finishing work, and the use of all tools required to perform such work, including but not limited to polishes, spray equipment and scaffolding. Class A: Less Than 1 Year of Service Class B: More Than 1 Year of Service Top Mechanic: Top Mechanic shall be responsible for ensuring the highest quality of workmanship by Helpers, and be highly competent and knowledgeable in the following areas: coatings, both solvent and waterborne, spraying ability, stainless steel, aluminum and bronze finishing, scaffolding and swing stage work. The Top Mechanic shall also be responsible for providing necessary training of employees in lower classifications and for directing all employees in his/her crew to perform their responsibilities in a productive and efficient manner. Top Helper: For existing Top Helpers at the time of this Agreement shall, in addition to performing the responsibilities of a Helper, be responsible and accountable for the setup, breakdown, safety and quality of the Company's product. Helper: A Helper shall be responsible for performing tasks in refinishing, compliance with safety procedures, setting up and breaking down job sites, setting up and breaking down scaffolding and swing stages, preparing surfaces for refinishing, including but not limited to masking and stripping, cleaning, oxidizing, polishing and scratch removal on various finishes.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Painter Local 639 Zone 1 Sign

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Painter

**Effective Date:**  
7/30/2025

**Effective Date:**  
7/30/2025

|                                                              | BHR     | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------------------------------------------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                                              |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                                               |         |                         |         |         |        |         |        |                  |          |           |               |
| Class A: Painter Sign Erector/Service/Pattern/Metal Fab/Neon | \$26.28 | \$8.91                  | \$5.57  | \$0.25  | \$0.79 | \$0.00  | \$1.10 | \$0.00           | \$0.00   | \$42.90   | \$56.04       |
| Class B: Painter Sign Erector/Service/Pattern/Metal Fab/Neon | \$26.28 | \$8.91                  | \$5.57  | \$0.25  | \$1.58 | \$0.00  | \$1.10 | \$0.00           | \$0.00   | \$43.69   | \$56.83       |
| Class C: Painter Sign Erector/Service/Pattern/Metal Fab/Neon | \$26.28 | \$8.91                  | \$5.57  | \$0.25  | \$2.37 | \$0.00  | \$1.10 | \$0.00           | \$0.00   | \$44.48   | \$57.62       |
| Class D: Painter Sign Erector/Service/Pattern/Metal Fab/Neon | \$26.28 | \$8.91                  | \$5.57  | \$0.25  | \$3.15 | \$0.00  | \$1.10 | \$0.00           | \$0.00   | \$45.26   | \$58.40       |
| Class A: Computer Operator, Router, Spray Painter/Wood       | \$24.60 | \$8.91                  | \$5.57  | \$0.25  | \$0.76 | \$0.00  | \$1.06 | \$0.00           | \$0.00   | \$41.15   | \$53.45       |
| Class B: Computer Operator, Router, Spray Painter/Wood       | \$24.60 | \$8.91                  | \$5.57  | \$0.25  | \$1.51 | \$0.00  | \$1.06 | \$0.00           | \$0.00   | \$41.90   | \$54.20       |
| Class C: Computer Operator, Router, Spray Painter/Wood       | \$24.60 | \$8.91                  | \$5.57  | \$0.25  | \$2.27 | \$0.00  | \$1.06 | \$0.00           | \$0.00   | \$42.66   | \$54.96       |
| Class D: Computer Operator, Router, Spray Painter/Wood       | \$24.60 | \$8.91                  | \$5.57  | \$0.25  | \$3.03 | \$0.00  | \$1.06 | \$0.00           | \$0.00   | \$43.42   | \$55.72       |

|                                          |         |         |        |        |        |        |        |        |        |        |         |         |
|------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Class A:<br>Final<br>Assembly,<br>Helper | \$19.62 |         | \$8.91 | \$5.57 | \$0.25 | \$0.66 | \$0.00 | \$0.92 | \$0.00 | \$0.00 | \$35.93 | \$45.74 |
| Class B:<br>Final<br>Assembly,<br>Helper | \$19.62 |         | \$8.91 | \$5.57 | \$0.25 | \$1.32 | \$0.00 | \$0.92 | \$0.00 | \$0.00 | \$36.59 | \$46.40 |
| Class C:<br>Final<br>Assembly,<br>Helper | \$19.62 |         | \$8.91 | \$5.57 | \$0.25 | \$1.98 | \$0.00 | \$0.92 | \$0.00 | \$0.00 | \$37.25 | \$47.06 |
| Class D:<br>Final<br>Assembly,<br>Helper | \$19.62 |         | \$8.91 | \$5.57 | \$0.25 | \$2.64 | \$0.00 | \$0.92 | \$0.00 | \$0.00 | \$37.91 | \$47.72 |
| Apprentice                               | BHR     | Percent |        |        |        |        |        |        |        |        |         |         |
| 1-2000 hrs                               | \$13.14 | \$50.00 | \$8.91 | \$5.57 | \$0.25 | \$0.00 | \$0.00 | \$0.75 | \$0.00 | \$0.00 | \$28.62 | \$35.19 |
| 2001-3000 hrs                            | \$14.45 | \$55.00 | \$8.91 | \$5.57 | \$0.25 | \$0.56 | \$0.00 | \$0.79 | \$0.00 | \$0.00 | \$30.53 | \$37.75 |
| 3001-4000 hrs                            | \$15.77 | \$60.00 | \$8.91 | \$5.57 | \$0.25 | \$0.59 | \$0.00 | \$0.82 | \$0.00 | \$0.00 | \$31.91 | \$39.80 |
| 4001-5000 hrs                            | \$17.08 | \$65.00 | \$8.91 | \$5.57 | \$0.25 | \$1.22 | \$0.00 | \$0.86 | \$0.00 | \$0.00 | \$33.89 | \$42.43 |
| 5001-6000 hrs                            | \$18.40 | \$70.00 | \$8.91 | \$5.57 | \$0.25 | \$1.27 | \$0.00 | \$0.89 | \$0.00 | \$0.00 | \$35.29 | \$44.49 |
| 6001-7000 hrs                            | \$22.34 | \$85.00 | \$8.91 | \$5.57 | \$0.25 | \$1.43 | \$0.00 | \$1.00 | \$0.00 | \$0.00 | \$39.50 | \$50.67 |
| 7001-8000 hrs                            | \$23.65 | \$90.00 | \$8.91 | \$5.57 | \$0.25 | \$1.48 | \$0.00 | \$1.03 | \$0.00 | \$0.00 | \$40.89 | \$52.71 |

**(\*)Special Calculation Note :**

Other: Holiday Pay  
Apprentice Pay Rate should be based on proper Classification.  
Any employee working over 100 ft. above the ground shall receive \$1.00 per hour additional pay.

**Ratio :**

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashland, Ashtabula, Cuyahoga, Geauga, Lake, Medina, Portage, Richland, Summit

**Special Jurisdictional Note :**

**Details :**

Class A Worker: More than 1 year but less that 2 years  
Class B Worker: More than 2 years but less than 10 years  
Class C Worker: More than 10 years but less that 20 years  
Class D Worker: More than 20 years



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Painter Local 707

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Painter

**Effective Date:**  
5/1/2026

**Effective Date:**  
5/1/2026

|                                   | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-----------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                   |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                    |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Painter Brush Roll                | \$37.45 |         | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$58.65   | \$77.38       |
| Paperhan ger                      | \$37.45 |         | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$58.65   | \$77.38       |
| REPAINT Brush Roll & Paperhan ger | \$35.95 |         | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$57.15   | \$75.13       |
| Apprentice                        | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year                          | \$24.34 | \$65.00 | \$9.92                  | \$1.64  | \$0.45  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$36.35   | \$48.52       |
| 2nd Year                          | \$28.09 | \$75.00 | \$9.92                  | \$2.25  | \$0.45  | \$0.00 | \$3.56  | \$0.00 | \$0.00           | \$0.00   | \$44.27   | \$58.31       |
| 3rd Year                          | \$31.83 | \$85.00 | \$9.92                  | \$2.70  | \$0.45  | \$0.00 | \$4.04  | \$0.00 | \$0.00           | \$0.00   | \$48.94   | \$64.85       |
| 4th Year                          | \$35.58 | \$95.00 | \$9.92                  | \$3.75  | \$0.45  | \$0.00 | \$4.51  | \$0.00 | \$0.00           | \$0.00   | \$54.21   | \$72.00       |

## (\*)Special Calculation Note :

Apprentice pay based on percentage of above appropriate classification.

The following Premiums shall be added to proper classification in full including apprentice rates:

Spray Painting: \$.70 per hour

Sandblasting and buffing: \$.40 per hour

Height pay (Over 100ft): \$.50 per hour

Fiberglass Insulator & Catalytic material applicator: \$.70 per hour

Application of Catalytic materials under class 3 hazardous per MSDS- add \$.65 per hour

Application of Catalytic materials under class 4 hazardous per MSDS- add \$1.00 per hour

## Ratio :

1 Apprentice to 1 Journeyman

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Portage\*, Summit\*

## Special Jurisdictional Note :

Portage & Summit North of the East-West Turnpike.



**Details :**

Repaint: 20% or less of new surfaces. A general contractor holding a construction contract does not constitute the rate of pay. Bridge work, tanks, towers and all work covered by NMA, PLA, GPA is excluded from any repaint rate.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Painter Local 707 HwyHwy

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Painter

**Effective Date:**  
5/1/2026

**Effective Date:**  
5/1/2026

|                                                                                                                                     | BHR     | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                                                                                                                     |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                                                                                                                      |         |                         |         |         |        |         |        |                  |          |           |               |
| Class 1: Bridge Blaster                                                                                                             | \$43.71 | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$64.91   | \$86.77       |
| Class 2: Bridge Painter, Rigger, Containment Builder, Spot Blaster                                                                  | \$40.71 | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$61.91   | \$82.27       |
| Class 3: Equipment Operator/ Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (0-5 Years Exp.)    | \$33.71 | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$54.91   | \$71.77       |
| Class 3: Equipment Operator/ Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (5 Plus Years Exp.) | \$36.71 | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$57.91   | \$76.27       |
| Class 4: Concrete Sealing, Concrete Blasting/Power Washing/ Etc                                                                     | \$32.71 | \$9.92                  | \$6.08  | \$0.45  | \$0.00 | \$4.75  | \$0.00 | \$0.00           | \$0.00   | \$53.91   | \$70.27       |

|                                                                                                         |         |         |        |        |        |        |        |        |        |        |         |         |
|---------------------------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Class 5:<br>Quality<br>Control/Q<br>uality<br>Assurance<br>, Traffic<br>Safety,<br>Competen<br>t Person | \$36.71 |         | \$9.92 | \$6.08 | \$0.45 | \$0.00 | \$4.75 | \$0.00 | \$0.00 | \$0.00 | \$57.91 | \$76.27 |
| Apprentice                                                                                              | BHR     | Percent |        |        |        |        |        |        |        |        |         |         |
| 1st Year                                                                                                | \$28.41 | \$65.00 | \$9.92 | \$1.64 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$40.42 | \$54.63 |
| 2nd Year                                                                                                | \$32.78 | \$75.00 | \$9.92 | \$2.25 | \$0.45 | \$0.00 | \$3.56 | \$0.00 | \$0.00 | \$0.00 | \$48.96 | \$65.35 |
| 3rd Year                                                                                                | \$37.15 | \$85.00 | \$9.92 | \$2.70 | \$0.45 | \$0.00 | \$4.04 | \$0.00 | \$0.00 | \$0.00 | \$54.26 | \$72.83 |

**(\*)Special Calculation Note :**

Apprentice pay based on percentage of above appropriate classification.

Application of Catalytic materials under class 3 hazardous per MSDS- add .65 per hour to the above Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS- add 1.00 per hour to the above Job Classification basic hourly rate.

**Ratio :**

1 Apprentice to 1 Journeyman

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Portage\*, Summit\*

**Special Jurisdictional Note :**

Portage & Summit North of the East-West Turnpike.

**Details :**

Painter Bridge Class 2 is Defined as; Bridge Painter, Rigger, Containment Builder

Concrete Sealing: on highway work, scaling of concrete surfaces, the treating and sealing of bridge decks, the painting and staining of concrete, including the abutments, barricades, noise barriers, lane dividers, etc.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Pipefitter Local 120

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Pipefitter

**Effective Date:**  
5/4/2026

**Effective Date:**  
5/4/2026

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Pipefitter     | \$51.02 |         | \$13.30                 | \$12.20 | \$1.32  | \$0.00 | \$3.50  | \$0.20 | \$0.00           | \$0.00   | \$81.54   | \$107.05      |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year       | \$24.70 | \$48.41 | \$5.78                  | \$0.00  | \$1.32  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$31.80   | \$44.15       |
| 2nd year       | \$25.42 | \$49.82 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$47.85   | \$60.56       |
| 3rd year       | \$29.53 | \$57.88 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$51.96   | \$66.72       |
| 4th year       | \$35.04 | \$68.68 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$57.47   | \$74.99       |
| 5th year       | \$39.06 | \$76.56 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$61.49   | \$81.02       |

## (\*)Special Calculation Note :

OTHER: SUPPLEMENTAL UNEMPLOYMENT BENEFITS

## Ratio :

1 Journeyman to 1 Apprentice  
2-4 Journeymen to 2 Apprentices  
5-7 Journeymen to 3 Apprentices  
3 to 1 on jobs with 12 or more journeymen

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Medina\*, Summit\*

## Special Jurisdictional Note :

Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of State Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

## Details :

Under pipefitter duties shall include - steam and hot water heating boilers and related controls such as automatic feedwater and low water cut-offs, safety relief valves and gas trains; steam regulators, traps, steam valves, steam heaters, steam and hot water heating coils; feedwater lines to boilers, condensate pumps, condensate tanks and related piping to boilers, expansion tanks and controls on hot water heating systems; refrigeration and air conditioning systems that are separate from one another and are connected through piping; install, calibrate and maintain pneumatic temperature controls and piping for heating and cooling devices; piping, pumps and controls on the fluent water system in water treatment plants; hose cabinets and automatic fire sprinkler systems; underground water supply piping and devices; all fire stopping of piping systems; to operate a pipe cutting machine, to thread pipe by machine or hand dies; to do oxyacetylene and electric welding on iron and steel pipes when required; to perform other tasks when assigned.



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Pipefitter Local 120 Mechanical Equipment

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Pipefitter

**Effective Date:**  
5/4/2026

**Effective Date:**  
5/4/2026

|                                                         | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|---------------------------------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                                         |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                                          |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Pipefitter<br>Mechanical<br>Equipment<br>Service<br>A-2 | \$38.99 |         | \$13.30                 | \$12.20 | \$1.32  | \$0.00 | \$3.50  | \$0.20 | \$0.00           | \$0.00   | \$69.51   | \$89.00       |
| Pipefitter<br>Mechanical<br>Equipment<br>Service<br>A-1 | \$34.98 |         | \$13.30                 | \$12.20 | \$1.32  | \$0.00 | \$3.50  | \$0.20 | \$0.00           | \$0.00   | \$65.50   | \$82.99       |
| Apprentice                                              | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year                                                | \$21.86 | \$56.07 | \$6.22                  | \$0.00  | \$1.32  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$29.40   | \$40.33       |
| 2nd year                                                | \$22.63 | \$58.04 | \$6.22                  | \$5.30  | \$1.32  | \$0.00 | \$1.75  | \$0.20 | \$0.00           | \$0.00   | \$37.42   | \$48.73       |
| 3rd year                                                | \$25.04 | \$64.22 | \$6.22                  | \$5.30  | \$1.32  | \$0.00 | \$1.75  | \$0.20 | \$0.00           | \$0.00   | \$39.83   | \$52.35       |
| 4th year                                                | \$29.05 | \$74.51 | \$6.22                  | \$5.30  | \$1.32  | \$0.00 | \$1.75  | \$0.20 | \$0.00           | \$0.00   | \$43.84   | \$58.37       |
| 5th year                                                | \$31.45 | \$80.66 | \$6.22                  | \$5.30  | \$1.32  | \$0.00 | \$1.75  | \$0.20 | \$0.00           | \$0.00   | \$46.24   | \$61.96       |

## (\*)Special Calculation Note :

OTHER: SUPPLEMENTAL UNEMPLOYMENT BENEFITS

## Ratio :

A per employer ratio of one (1) unindentured trainee to the first three (3) to fifteen (15) journeymen and/or apprentices shall be established, with a ratio of one (1) unindentured trainee for every fifteen (15) journeymen and/or apprentices thereafter. Each employer shall be limited to three (3) unindentured trainees. At no time shall the number of unindentured trainees exceed the number of apprentices.

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Medina\*, Summit\*

## Special Jurisdictional Note :

Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

## Details :

Work scope but not limited to: Mechanical Service and Maintenance work normally performed by contractors, either by contracts or emergency call basis, who are equipped to handle all work relating to evacuation, charging, start-up, inspection, operating, maintenance and service call necessary to keep mechanical system and controls of a refrigeration, air conditioning, heating and/or ventilation or any other newly installed, remodeled, revamped or redesigned mechanical system in operational order; all fire stopping and piping systems. Shall include but not limited to all maintaining, cleaning, adjusting, repairing, overhauling, starting and balancing of any system or component part thereof, regardless of size or location, including all other service and maintenance work assigned to the employer by the customer. Shall also be allowed to do the following installation work: All residential humidifiers and dehumidifiers, all window type units, all residential heating and cooling systems, excluding steam and hot water, and when a building is not new construction, all refrigeration systems up to 20 tons, split air conditioning systems up to 50 tons, and package or self-contained air conditioning units up to 50 tons.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Pipefitter Local 120 Sprinklerfitter

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Sprinkler Fitter

**Effective Date:**  
5/4/2026

**Effective Date:**  
5/4/2026

|                  | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                  |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification   |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Sprinkler Fitter | \$51.02 |         | \$13.30                 | \$12.20 | \$1.32  | \$0.00 | \$3.50  | \$0.20 | \$0.00           | \$0.00   | \$81.54   | \$107.05      |
| Apprentice       | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year         | \$24.70 | \$48.41 | \$5.78                  | \$0.00  | \$1.32  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$31.80   | \$44.15       |
| 2nd Year         | \$25.42 | \$49.82 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$47.85   | \$60.56       |
| 3rd Year         | \$29.43 | \$57.68 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$51.86   | \$66.57       |
| 4th Year         | \$35.04 | \$68.68 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$57.47   | \$74.99       |
| 5th Year         | \$39.06 | \$76.56 | \$12.43                 | \$7.60  | \$1.32  | \$0.00 | \$0.88  | \$0.20 | \$0.00           | \$0.00   | \$61.49   | \$81.02       |

## (\*)Special Calculation Note :

OTHER: SUPPLEMENTAL UNEMPLOYMENT BENEFITS

## Ratio :

- 1 Journeymen to 1 Apprentice
- 2 - 4 Journeymen to 2 Apprentices
- 5 - 7 Journeymen to 3 Apprentices
- 3 Journeymen to 1 Apprentice on jobs with 12 or more journeymen

## Jurisdiction ( \* denotes special jurisdictional note ) :

Cuyahoga, Geauga, Lake, Lorain

## Special Jurisdictional Note :

## Details :

Sprinklerfitter duties shall include: installation, dismantling, maintenance, repairs, adjustments and corrections of all fire protection and extinguishing systems; consist of handling and installing of all piping and appurtenances pertaining to sprinkler equipment including both overhead and underground water mains, fire hydrants and hydrants mains, stand pipes, hose connections, tank heaters, air lines, thermal systems and their connections; all operating and actuating lines and devices and their protective covering; all fire stopping of sprinkler piping systems; all tanks, pumps and city connections; fire protection systems using emulsify, spray, water fog, CO2 gas, foam and other fire control agents, settling of all fire pumps and tank filling pumps, air compressors and their connections; all work related to sprinkler inspections (included but not limited to: adjustments, maintenance, repair, testing, etc.)



# Prevailing Wage Rate Skilled Crafts

Name of Union: Plasterer Local 526

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Plasterer

Effective Date:  
5/1/2026

Effective Date:  
5/1/2026

|                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Plasterer      | \$34.71 |         | \$9.37                  | \$7.10  | \$0.50  | \$0.00 | \$5.60  | \$0.21 | \$0.00           | \$0.00   | \$57.49   | \$74.84       |
| Apprentice     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st Year       | \$17.36 | \$50.00 | \$9.37                  | \$7.10  | \$0.50  | \$0.00 | \$5.60  | \$0.21 | \$0.00           | \$0.00   | \$40.14   | \$48.82       |
| 2nd Year       | \$20.83 | \$60.00 | \$9.37                  | \$7.10  | \$0.50  | \$0.00 | \$5.60  | \$0.21 | \$0.00           | \$0.00   | \$43.61   | \$54.02       |
| 3rd Year       | \$26.03 | \$75.00 | \$9.37                  | \$7.10  | \$0.50  | \$0.00 | \$5.60  | \$0.21 | \$0.00           | \$0.00   | \$48.81   | \$61.83       |
| 4th Year       | \$31.24 | \$90.00 | \$9.37                  | \$7.10  | \$0.50  | \$0.00 | \$5.60  | \$0.21 | \$0.00           | \$0.00   | \$54.02   | \$69.64       |

## (\*)Special Calculation Note :

Other is for Substance abuse and training.

## Ratio :

1 Journeymen to 1 Apprentice  
3 Journeymen to 1 Apprentice

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain

## Special Jurisdictional Note :

## Details :



# Prevailing Wage Rate Skilled Crafts

Name of Union: Plumber Local 55

Type of Rate: Commercial

Change #:  
LCN01-2026ib

Craft:  
Plumber

Effective Date:  
6/10/2026

Effective Date:  
6/10/2026

|                                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                 |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Plumber                        | \$47.11 |         | \$13.37                 | \$9.63  | \$1.23  | \$0.00 | \$7.10  | \$0.20 | \$0.00           | \$0.00   | \$78.64   | \$102.19      |
| Shopman<br>(When in the field) | \$25.98 |         | \$9.79                  | \$5.59  | \$0.10  | \$0.00 | \$3.85  | \$0.00 | \$0.00           | \$0.00   | \$45.31   | \$58.30       |
| Apprentice                     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1-6 Months                     | \$20.69 | \$43.91 | \$7.59                  | \$0.24  | \$0.95  | \$0.00 | \$1.56  | \$0.00 | \$0.00           | \$0.00   | \$31.03   | \$41.38       |
| 7-12 Months                    | \$23.50 | \$49.89 | \$7.84                  | \$0.44  | \$1.00  | \$0.00 | \$2.01  | \$0.20 | \$0.00           | \$0.00   | \$34.99   | \$46.74       |
| 2nd Year 1-6                   | \$25.19 | \$53.46 | \$8.62                  | \$0.85  | \$1.05  | \$0.00 | \$3.06  | \$0.20 | \$0.00           | \$0.00   | \$38.97   | \$51.57       |
| 2nd Year 7-12                  | \$26.23 | \$55.67 | \$8.83                  | \$2.85  | \$1.05  | \$0.00 | \$3.78  | \$0.20 | \$0.00           | \$0.00   | \$42.94   | \$56.05       |
| 3rd Year 1-6                   | \$29.43 | \$62.47 | \$9.38                  | \$2.80  | \$1.05  | \$0.00 | \$4.00  | \$0.20 | \$0.00           | \$0.00   | \$46.86   | \$61.57       |
| 3rd Year 7-12                  | \$31.69 | \$67.27 | \$9.65                  | \$3.63  | \$1.05  | \$0.00 | \$4.62  | \$0.20 | \$0.00           | \$0.00   | \$50.84   | \$66.69       |
| 4th Year                       | \$34.59 | \$73.42 | \$9.92                  | \$4.07  | \$1.05  | \$0.00 | \$4.98  | \$0.20 | \$0.00           | \$0.00   | \$54.81   | \$72.11       |
| 5th Year                       | \$37.51 | \$79.63 | \$10.19                 | \$4.51  | \$1.05  | \$0.00 | \$5.33  | \$0.20 | \$0.00           | \$0.00   | \$58.79   | \$77.55       |

## (\*)Special Calculation Note :

OTHER IS: SUPPLEMENTAL UNEMPLOYMENT

## Ratio :

1 Journeyman 1 Apprentice  
2 Journeymen to 1 Apprentice thereafter

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Medina\*, Summit\*

## Special Jurisdictional Note :

Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and the corporate limits of the City of Medina.

## Details :

The Plumber Shopman will have charge of the Employer's shop and warehouse containing plumbing and heating supplies and equipment, and perform such duties as are customarily required by a Plumber or a Plumber's Shopman, including casual delivery of tools and equipment necessary for installation of Plumbing and Heating facilities. One field shopman per shop may be hired after employing the 1st apprentice, and a second field shopman per shop may be hired after employing the 5th apprentice. These shopmen may work in the field performing primarily non-mechanical work. The plumber shopman's duties do not include the installation of plumbing.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Plumber Local 55 Light Commercial

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Plumber

**Effective Date:**  
6/10/2026

**Effective Date:**  
6/10/2026

|                          | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                          |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification           |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Light Commercial Plumber | \$30.76 |         | \$9.48                  | \$2.28  | \$0.69  | \$0.00 | \$3.58  | \$0.20 | \$0.00           | \$0.00   | \$46.99   | \$62.37       |
| Apprentice               | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 0-3 Months               | \$15.39 | \$50.02 | \$0.00                  | \$0.00  | \$0.50  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$15.89   | \$23.59       |
| 4-6 Months               | \$15.59 | \$50.67 | \$3.82                  | \$0.00  | \$0.46  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$19.87   | \$27.66       |
| 7-12 Months              | \$15.95 | \$51.86 | \$4.57                  | \$0.33  | \$0.63  | \$0.00 | \$1.13  | \$0.00 | \$0.00           | \$0.00   | \$22.61   | \$30.58       |
| 2nd Year                 | \$17.35 | \$56.39 | \$4.64                  | \$0.35  | \$0.65  | \$0.00 | \$1.20  | \$0.00 | \$0.00           | \$0.00   | \$24.19   | \$32.87       |
| 3rd Year                 | \$18.75 | \$60.97 | \$4.72                  | \$0.36  | \$0.68  | \$0.00 | \$1.28  | \$0.00 | \$0.00           | \$0.00   | \$25.79   | \$35.16       |

## (\*)Special Calculation Note :

OTHER: SUPPLEMENTAL UNEMPLOYMENT

## Ratio :

1-2 Journeymen to 1 Trainee  
3 Journeymen to 2 Trainees  
4-5 Journeymen to 3 Trainees  
6-8 Journeymen to 4 Trainees  
9-10 Journeymen to 5 Trainees  
11-13 Journeymen to 6 Trainees

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashtabula, Cuyahoga, Geauga, Lake, Medina\*, Summit\*

## Special Jurisdictional Note :

Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson  
Medina County - That portion of Medina County North of Route 18 and Smith Road and the corporate limits of the City of Medina

## Details :

Plumbing, Heating, Solar Heating, Air Conditioning, Refrigeration, Site Work, Garden Type Apartments, Nursing Homes, Assisted Living Structures, Motels up to 4 stories with conference or restaurant facilities, Mixed Use Residential/Commercial Retail Buildings up to 4 stories, Free Standing Outlet Stores, small buildings in general with no more than 3 restrooms, bars and restaurants, Branch Bank Offices, Convenience stores.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Roofer Local 44

Type of Rate: Commercial

Change #:  
OCR01-2026ib

Craft:  
Roofer

Effective Date:  
4/26/2026

Effective Date:  
4/26/2026

|                                | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                                |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                 |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Roofer                         | \$41.35 |         | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$62.99   | \$83.67       |
| Applicant & Helper Trainees    | \$      |         | \$                      | \$      | \$      | \$     | \$      | \$     | \$               | \$       | \$        | \$            |
| 0 to 1851 hrs                  | \$18.61 |         | \$0.65                  | \$0.50  | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$20.34   | \$29.64       |
| 1852 to 3350 hrs               | \$22.74 |         | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$44.38   | \$55.75       |
| 3351 to 4850 hrs               | \$28.95 |         | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$50.59   | \$65.06       |
| 4851 to 6350 hrs               | \$33.08 |         | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$54.72   | \$71.26       |
| 6351 to 7550 hrs               | \$37.22 |         | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$58.86   | \$77.47       |
| 7551 hrs                       | \$41.35 |         | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$62.99   | \$83.67       |
| Apprentice                     | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| Start of school                | \$18.61 | \$45.00 | \$0.65                  | \$0.50  | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$20.34   | \$29.64       |
| 600 hrs worked/72 school hrs   | \$20.68 | \$50.00 | \$0.65                  | \$0.50  | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$22.41   | \$32.75       |
| 1200 hrs worked/144 school hrs | \$22.74 | \$55.00 | \$0.65                  | \$0.50  | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$24.47   | \$35.84       |
| 1800 hrs worked/216 school hrs | \$24.81 | \$60.00 | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$46.45   | \$58.85       |
| 2400 hrs worked/288 school hrs | \$26.88 | \$65.00 | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$48.52   | \$61.96       |
| 3000 hrs worked/360 school hrs | \$28.95 | \$70.00 | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$50.59   | \$65.06       |
| 3600 hrs worked/432 school hrs | \$31.01 | \$75.00 | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$52.65   | \$68.16       |
| 4200 hrs worked/504 school hrs | \$33.08 | \$80.00 | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$54.72   | \$71.26       |
| 4800 hrs worked/576 school hrs | \$37.22 | \$90.00 | \$9.76                  | \$11.30 | \$0.52  | \$0.00 | \$0.00  | \$0.06 | \$0.00           | \$0.00   | \$58.86   | \$77.47       |



**(\*)Special Calculation Note :**

Other: Drug Testing

**Ratio :**

2 Journeymen to 1 Apprentice

2 Journeymen to 1 Applicant/Helper Trainee

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Erie, Geauga, Lake, Lorain\*, Sandusky

**Special Jurisdictional Note :**

Lorain (The Ohio Turnpike North)

**Details :**

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Sheet Metal Local 33 (Cleveland)

**Type of Rate:** Commercial

**Change #:**  
LCN01-2026ib

**Craft:**  
Sheet Metal Worker

**Effective Date:**  
5/20/2026

**Effective Date:**  
5/20/2026

|                    | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|--------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                    |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification     |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Sheet Metal Worker | \$47.15 |         | \$10.64                 | \$18.38 | \$0.98  | \$0.00 | \$3.33  | \$0.00 | \$0.00           | \$0.00   | \$80.48   | \$104.05      |
| Apprentice         | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| 1st year           | \$23.57 | \$50.00 | \$10.64                 | \$3.15  | \$0.22  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$37.58   | \$49.37       |
| 2nd year           | \$25.91 | \$54.95 | \$10.64                 | \$3.47  | \$0.98  | \$0.00 | \$3.33  | \$0.00 | \$0.00           | \$0.00   | \$44.33   | \$57.29       |
| 3rd year           | \$28.27 | \$59.96 | \$10.64                 | \$3.78  | \$0.98  | \$0.00 | \$3.33  | \$0.00 | \$0.00           | \$0.00   | \$47.00   | \$61.14       |
| 4th year           | \$35.34 | \$74.96 | \$10.64                 | \$4.73  | \$0.98  | \$0.00 | \$3.33  | \$0.00 | \$0.00           | \$0.00   | \$55.02   | \$72.69       |

**(\*)Special Calculation Note :**

**Ratio :**

1 Journeyman to 1 Apprentice  
 2 Journeymen to 2 Apprentices  
 3-6 Journeymen to 3 Apprentices  
 7-8 Journeymen to 4 Apprentices  
 9-10 Journeymen to 5 Apprentices  
 11-12 Journeymen to 6 Apprentices  
 13-14 Journeymen to 7 Apprentices  
 15-16 Journeymen to 8 Apprentices  
 17-18 Journeymen to 9 Apprentices  
 19-20 Journeymen to 10 Apprentices

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Ashtabula, Cuyahoga, Geauga, Lake

**Special Jurisdictional Note :**

**Details :**

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Sheet Metal Local 33 Industrial Door

**Type of Rate:** Commercial

**Change #:**  
LCN01-2025ib

**Craft:**  
Sheet Metal Worker

**Effective Date:**  
8/1/2025

**Effective Date:**  
8/1/2025

|                               | BHR     |         | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|-------------------------------|---------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                               |         |         | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification                |         |         |                         |         |         |        |         |        |                  |          |           |               |
| Sheet Metal Worker            | \$26.53 |         | \$8.71                  | \$5.66  | \$0.19  | \$0.00 | \$2.61  | \$0.61 | \$0.00           | \$0.00   | \$44.31   | \$57.58       |
| Apprentice                    | BHR     | Percent |                         |         |         |        |         |        |                  |          |           |               |
| Probationary Period (60 Days) | \$13.80 | \$52.00 | \$0.00                  | \$0.00  | \$0.00  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$13.80   | \$20.70       |
| 61st day -12 months           | \$15.39 | \$58.00 | \$8.71                  | \$1.96  | \$0.19  | \$0.00 | \$1.68  | \$0.35 | \$0.00           | \$0.00   | \$28.28   | \$35.98       |
| 2nd Year                      | \$18.04 | \$68.00 | \$8.71                  | \$1.96  | \$0.19  | \$0.00 | \$1.90  | \$0.41 | \$0.00           | \$0.00   | \$31.21   | \$40.23       |
| 3rd Year                      | \$19.37 | \$73.00 | \$8.71                  | \$1.96  | \$0.19  | \$0.00 | \$2.05  | \$0.45 | \$0.00           | \$0.00   | \$32.73   | \$42.41       |
| 4th Year                      | \$21.22 | \$80.00 | \$8.71                  | \$1.96  | \$0.19  | \$0.00 | \$2.17  | \$0.49 | \$0.00           | \$0.00   | \$34.74   | \$45.35       |
| 5th Year                      | \$22.82 | \$86.00 | \$8.71                  | \$1.96  | \$0.19  | \$0.00 | \$2.31  | \$0.52 | \$0.00           | \$0.00   | \$36.51   | \$47.92       |

## (\*)Special Calculation Note :

Other: Holiday Pay

## Ratio :

1-2 Journeyman to 1 Trainee  
 3-4 Journeymen to 2 Trainee  
 5-6 Journeymen to 3 Trainees  
 7-8 Journeymen to 4 Trainees  
 9-10 Journeymen to 5 Trainees  
 11-13 Journeymen to 6 Trainees  
 14-16 Journeymen to 7 Trainees  
 17-19 Journeymen to 8 Trainees  
 Maintaining a 3 Journeymen to 1 Trainee ratio thereafter

## Jurisdiction ( \* denotes special jurisdictional note ) :

Ashland, Ashtabula, Carroll, Columbiana, Coshocton, Crawford, Cuyahoga, Defiance, Erie, Fulton, Geauga, Hancock, Henry, Holmes, Huron, Lake, Lorain, Lucas, Mahoning, Medina, Ottawa, Paulding, Portage, Putnam, Richland, Sandusky, Seneca, Stark, Summit, Trumbull, Tuscarawas, Wayne, Williams, Wood

## Special Jurisdictional Note :

**Details :**



# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Truck Driver Local 436 - HevHwy Class 1

**Type of Rate:** Commercial

**Change #:**  
LCN02-2025ib

**Craft:**  
Truck Driver

**Effective Date:**  
5/28/2025

**Effective Date:**  
5/28/2025

|                      | BHR     |          | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------|---------|----------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                      |         |          | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification       |         |          |                         |         |         |        |         |        |                  |          |           |               |
| Truck Driver CLASS 1 | \$34.92 |          | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$54.62   | \$72.08       |
| Apprentice           | BHR     | Percent  |                         |         |         |        |         |        |                  |          |           |               |
| First 6 months       | \$27.94 | \$80.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$47.64   | \$61.60       |
| 7-12 months          | \$29.68 | \$85.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$49.38   | \$64.22       |
| 13-18 months         | \$31.43 | \$90.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$51.13   | \$66.84       |
| 19-24 months         | \$33.17 | \$95.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$52.87   | \$69.46       |
| 25-30 months         | \$34.92 | \$100.00 | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$54.62   | \$72.08       |

**(\*)Special Calculation Note :**

**Ratio :**

3 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Geauga, Lake

**Special Jurisdictional Note :**

**Details :**

CLASS 1: Drivers on trucks, including but not limited to: 4-wheel service trucks; 4-wheel dump trucks; batch trucks; drivers on tandems; truck sweepers (not to include power sweepers and scrubbers) Drivers on tractor – trailer combinations including but not limited to the following: Semi-tractor trucks; pole trailers; ready-mix trucks; fuel trucks; all trucks five (5) axle and over; drivers on belly dumps; truck mechanics (when needed).

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Truck Driver Local 436 - HevHwy Class 2

**Type of Rate:** Commercial

**Change #:**  
LCN02-2025ib

**Craft:**  
Truck Driver

**Effective Date:**  
5/28/2025

**Effective Date:**  
5/28/2025

|                      | BHR     |          | Fringe Benefit Payments |         |         |        |         |        | Irrevocable Fund |          | Total PWR | Overtime Rate |
|----------------------|---------|----------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
|                      |         |          | H&W                     | Pension | App Tr. | Vac.   | Annuity | Other  | LECET (*)        | MISC (*) |           |               |
| Classification       |         |          |                         |         |         |        |         |        |                  |          |           |               |
| Truck Driver CLASS 2 | \$35.73 |          | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$55.43   | \$73.30       |
| Apprentice           | BHR     | Percent  |                         |         |         |        |         |        |                  |          |           |               |
| First 6 months       | \$28.58 | \$80.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$48.28   | \$62.58       |
| 7-12 months          | \$30.37 | \$85.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$50.07   | \$65.26       |
| 13-18 months         | \$32.16 | \$90.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$51.86   | \$67.94       |
| 19-24 months         | \$33.94 | \$95.00  | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$53.64   | \$70.62       |
| 25-30 months         | \$35.73 | \$100.00 | \$9.25                  | \$10.05 | \$0.40  | \$0.00 | \$0.00  | \$0.00 | \$0.00           | \$0.00   | \$55.43   | \$73.30       |

**(\*)Special Calculation Note :**

**Ratio :**

3 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

Cuyahoga, Geauga, Lake

**Special Jurisdictional Note :**

**Details :**

CLASS 2: Drivers on articulated dump trucks; rigid-frame rock trucks; distributor trucks; low boys/drag driver on the construction site only and heavy duty equipment (irrespective of load carried) when used exclusively for transportation on the construction site only.

## **BEACHWOOD PUBLIC WORKS DEPARTMENT INTER-OFFICE MEMORANDUM**

**TO:** Mayor, Justin Berns

**FR:** Chris Arrietta, Public Works Director

**DT:** June 30, 2026

**RE:** Council Agenda Item: GPD Fee Proposal – Connector Road

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On April 20, 2026, City Council approved GPD Group as the most qualified engineering firm to design the proposed Connector Road.

The Connector Road is planned as a three-lane concrete roadway that will include sidewalks, streetlights, street trees, utility infrastructure, and a traffic signal at Harvard Road. The City also intends to construct a regional stormwater management facility to support both the new roadway and future development within the 43-acre site.

Following Council's approval, staff met with GPD to finalize the project scope, conduct a site walk with their geotechnical and environmental sub-consultants, and review their proposed fees.

Negotiations resulted in a proposed design fee of \$639,169.50 for this \$8 million project. There is also a potential need for a retaining wall within the Conservation Easement area near the approved stream and wetland crossing. This requirement will be determined during design. If needed, the retaining wall design would be completed for an additional \$31,540, subject to City authorization.

At this time, we recommend awarding a design contract to GPD in the amount of \$670,709.50.

A RESOLUTION AUTHORIZING AN AGREEMENT WITH GLAUS, PYLE, SCHOMER, BURNS AND DEHAVEN, INC., DBA GPD GROUP, FOR PROFESSIONAL DESIGN SERVICES FOR THE CONNECTOR ROAD PROJECT BETWEEN HARVARD AND MERCANTILE /COMMERCE PARK ROADS; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, the City of Beachwood is undertaking construction of the planned new Connector Road between Harvard and Mercantile/Commerce Park Roads and the improvement of Harvard Road;

WHEREAS, pursuant to a Request for Qualifications for professional engineering design services for the Project, Glaus, Pyle, Schomer, Burns and Dehaven, Inc., dba GPD Group, was evaluated and recommended for selection;

WHEREAS, by Resolution No. 2026-46, City Council accepted the recommended selection of Glaus, Pyle, Schomer, Burns and Dehaven, Inc., dba GPD Group, and authorized the Mayor to take all steps necessary to finalize the contractual engagement for the design phase of the Project; and

WHEREAS, the City desires to formally enter into a Professional Services Agreement with Glaus, Pyle, Schomer, Burns and Dehaven, Inc., dba GPD Group, to provide professional design services necessary for the Project at an authorized price;

NOW, THEREFORE, BE IT RESOLVED, by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio that:

Section 1: The Mayor is hereby authorized to enter into a Professional Services Agreement with Glaus, Pyle, Schomer, Burns and Dehaven, Inc., dba GPD Group for professional design services for the new Connector Road between Harvard and Mercantile/Commerce Park Roads and the improvement of Harvard Road, in an amount not to exceed Six Hundred Seventy Thousand Seven Hundred Nine Dollars and Fifty Cents (\$670,709.50).

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Resolution is declared to be an urgent measure necessary for the public peace, health, safety, or the efficient operation of the City; and for the further reason that the design work must begin promptly; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.



Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor



June 7, 2026

**Mayor Justin Berns**  
**City of Beachwood**  
**25325 Fairmount Boulevard**  
**Beachwood, Ohio 44122**

## Proposal for Professional Engineering Services New Connector Road between Harvard Road and Mercantile Road Improvements

Dear Mayor Berns,

GPD Group is pleased to submit this proposal to provide professional engineering services for the City of Beachwood's New Connector Road project, including the preparation of construction plans for the new connector road between Harvard Road and Mercantile/Commerce Park, together with improvements to Harvard Road and the new connector intersection. This project includes a traffic study and signal warrant analysis. The estimated construction cost is \$8,000,000, with anticipated authorization around July/August 2026 and completion of plans within 12 months of Notice to Proceed.

GPD appreciates the opportunity to continue supporting the City of Beachwood. As noted in our Letter of Interest, GPD has served the city on numerous roadway, traffic, drainage, and municipal infrastructure projects and brings a project team with substantial experience in Beachwood, ODOT/LPA coordination, municipal design standards, and complex public infrastructure delivery.

### Project Understanding

GPD understands that the project includes the design of a three-lane concrete roadway with curbs, sidewalks, streetlights, and street trees; widening of the Harvard Road intersection to accommodate left-turn lanes; installation of pavement on the south side of Harvard Road up to the right-of-way line for a future roadway; installation of a new traffic signal at the Harvard Road intersection; and widening of Mercantile Road to accommodate a left-turn lane. This project also requires the need for geotechnical investigation and pavement recommendations, extension of utilities within the new roadway corridor including waterline, storm sewers, and sanitary sewer, design of a box culvert crossing near Harvard Road, coordination associated with wetlands and prior Army Corps permitting, coordination with WRCLC, grading beyond the proposed right-of-way to help balance earthwork and create future building pads, and development of a regional stormwater management facility for the roadway and future development. The south half of the Harvard Road intersection lies within the Village of Highland Hills and therefore review and approval by Highland Hills will be required for that portion of the work.

### Scope of Work

To address these needs, GPD proposes providing the following:

#### Data Collection, Supplemental Survey, and Base Mapping

Incorporation of the topographic survey for the larger site and completion of supplemental survey work at 23456 Mercantile Road and within the Harvard Road intersection area required to advance design.

#### Notification Letters

- No notification letters will be sent out by GPD regarding this survey proposal.
- The proposal assumes the client has notified all property owners before the survey commences and has ensured that free access will be provided to all parcels included in and adjoining the project site.
- If access coordination, access fees, or access documents are required for any of the parcels included in or around the survey project area, these items must be secured and paid for by the client before the fieldwork begins.
- GPD will not access properties without confirmation from the client that this notification was sent, and the property owner provides permission for access at the time of our field visit.

#### Project Control

- Project shall be referenced horizontally to Ohio State Plane Coordinate System, North Zone NAD83(2011) datum and vertically to the NAVD88 datum based on averaged GNSS observations using ODOT RTN Network. Project will be established on state plane grid coordinates.
- Primary project control shall be 5/8 inch by 30-inch rebar with red plastic caps stamped "GPD Control". Level circuit will be completed as a part of this project. Control points will be established through the project area as necessary for construction at a maximum 500 foot spacing.

#### Centerline, Right-Of-Way, and Boundary Resolution

- The centerline and R/W for Mercantile Road and Harvard Road and the boundary for Parcel 742-22-013 will be resolved by field recovery of monumentation and lines of occupation within the project limits. Records research will be conducted at various city, county, and state office, where applicable.
- Auditor Parcels abutting the project / survey area will use available County GIS for boundary lines, parcel numbers, owner names, building number, and street name.
- This GIS information is provided by third parties or depicted in records/mapping provided by third parties that may or may not show accurate location information. The third parties involved in said coordination were not contractually obligated to GPD Group. GPD Group accepts no liability or responsibility relating to this provided information. No warranty or guarantee is expressed or implied by GPD Group as to the location or accuracy of any GIS provided information labeled in the drawing and is shown for informational purposes only.
- Existing easements of record will not be shown or researched.
- No Title Reports / Search will be performed.

#### Topographic Survey

- Topographic survey will be completed within the length of the project area, as shown in the provided survey area map .kmz, and within the width of the limits of 5 feet outside of the existing R/W of Mercantile Road and Harvard Road. Survey shall be conducted utilizing a combination of conventional survey methods along with HDS terrestrial laser scanning, and UAV photogrammetry.
- Trees will be located with the trunk diameter and a distinction of either evergreen or deciduous being noted. Species of trees will not be given. Landscaping will be outlined, and major features (i.e. ornamental trees, structures, bushes) will be located.

#### Utility Survey

- Tickets will be placed through Ohio 811 to obtain utility contacts for plan information and field markings. GPD will derive subsurface utility mapping from 811 provided existing records, 811 provided field marking locations, and aboveground utility appurtenance locations.
- As a result of Ohio 811 coordination as described in O.R.C. 153.64, subsurface utility lines shown herein were marked on the ground by third parties or depicted in records/mapping provided by third parties that may or may not show accurate location information. The third parties involved in said coordination were not contractually obligated to GPD Group.
- GPD Group accepts no liability or responsibility arising out of any matters relating to the markings or information provided by the 811 coordination of said subsurface utilities. No warranty or guarantee is expressed or implied by GPD Group as to the location or accuracy of any 811 provided

subsurface utility labeled in the drawing "as per plan" or "as per field markings" and are shown for informational purposes only.

- The survey will show all above ground planimetric site features, all above ground utilities and any underground utilities as apparent from above ground visual observations or as marked by Ohio811 ticket. Ohio811 will not locate private utilities. Therefore, irrigation lines, invisible pet fences and any other privately installed utility lines will not be marked. Underground facilities, to include, but not limited to, storage tanks, septic tanks/systems, leach beds, utilities, including service lines (in accordance with Section 153.64 ORC) drainpipes and exposed field tiles shall be located and identified as to the size and type where possible.
- GPD will collect invert information for the sanitary and storm sewers throughout the project. For pipe size/materials in drainage/sanitary structures, GPD Group will provide industry standard level of effort, including opening the manhole and observing/estimating the pipe size/material from the above ground position only. Depending on the configuration of the pipes entering the manhole, the depth of the manhole and other factors, pipe sizes and materials are estimates only.
- GPD will not survey inside any culvert.

#### CAD Drawings

- Mapping of existing conditions survey State Kit template. An AutoCAD .dwg drawing file will be provided.

#### Survey Documents

- No R/W takes are anticipated for this project.
- No other survey documents will be prepared, such as Plats, ALTAs, Right of Way / easement exhibits, or Right of Way / easement legal descriptions.

#### Traffic Study

The proposed new Connector Road between Harvard Road and Mercantile Road is expected to have impacts on traffic beyond the terminal intersections of the new road. Beyond new development that will occur along the Connector Road, there are anticipated changes in traffic patterns for motorists traveling to businesses along Mercantile Road and Commerce Park Road, as well as simply diverting to avoid traffic congestion. A traffic study is needed to identify existing peak hour traffic patterns, determine trip generation from new development along the Connector Road, develop "Build" traffic volumes related to new and diverted trips, perform signal warrant analysis for the new intersections, and evaluate the need for turn lanes at the new intersections.

Turning movement traffic counts will be collected at the following intersections:

- Harvard Road / Green Road
- Harvard Road / Richmond Road
- Green Road / Commerce Park Road
- Green Road / Chagrin Boulevard
- Chagrin Boulevard / Commerce Park Road
- Chagrin Boulevard / Richmond Road

The traffic counts will be performed on a typical weekday (Tuesday – Thursday) during the summer. The counts will be performed using Miovision video data collection units and will include the hours of 6:00 – 7:00 PM. It is assumed that counts are not needed while school is in session since the study area is primarily commercial / industrial in character. Additionally, it is understood that information from the traffic study is needed to make design decisions for the Connector Road and widening for turn lanes on Harvard Road and Mercantile Road, therefore waiting until fall to collect traffic counts is not optimal. The AM and PM peak hours will be identified from the traffic counts and converted to design hour volumes (DHV) using peak hour to design hour factors published by ODOT and applying a growth factor identified from ODOT's TFMS to estimate any background growth that is expected in the area. Opening Year and Design Year volumes will be developed for the AM and PM peak hours.





Trip generation for future development along the Connector Road will be performed using the Institute of Transportation Engineers *Trip Generation Manual, 12<sup>th</sup> Edition*. GPD Group's traffic engineering team will coordinate with the City's economic development department to identify the types and estimated level of development that is anticipated. It is important to note that since there are no formal plans at this time, the trip generation will be an estimate. Basing roadway design and the potential for traffic control on estimated future volumes requires careful consideration of what is realistic and feasible so that roadways are neither over or under designed for future conditions.

For this project it is recommended that the city requests for use of Streetlight data from ODOT to perform origin-destination (O-D) analysis for the study area. GPD Group will perform the analysis but the city must request access from ODOT on a project-by-project basis. This analysis will allow us to determine how people are traveling in the area and make estimations on how traffic is likely to divert to the new roadway. GPD will coordinate this request with ODOT for the City.

We will develop estimated "Build" traffic volumes for the entire study area based on the DHV, diverted trips estimated from the O-D analysis, and overlaid with new trips calculated from the trip generation. Upon completing the "Build" traffic volumes, GPD will meet with City engineering staff to review the Opening Year and Design Year traffic.

Traffic signal warrant analysis will be performed for the proposed intersection of Harvard Road / Connector Road to determine if a traffic signal is expected to be warranted when the road opens. Due to limitations of trip generation, and the expected office / industrial nature of development, the signal warrant analysis will be limited to evaluation of Warrant #3 Peak Hour Warrant. As the project is locally funded, this analysis is sufficient to warrant a signal installation. It is our understanding that a traffic signal is not anticipated or desired at the intersection of Mercantile Road / Connector Road, therefore no signal warrant analysis will be performed at that location.

Turn lane analysis will be performed at Harvard Road / Connector Road and Mercantile Road / Connector Road to determine the need for turn lanes at the intersections. Assuming a signal is warranted at Harvard Road / Connector Road, the need for turn lanes will be based on capacity analysis of the intersection. It is expected that an eastbound left-turn lane may be needed to process traffic efficiently, but we will also evaluate the need for a westbound right-turn lane. At the intersection of Mercantile Road / Connector Road we will perform turn lane analysis using turn lane charts published in ODOT's *Location & Design Manual, Volume 1 (L&D)*. This analysis will be for a westbound left-turn lane only.

For any warranted turn lanes, storage length will be calculated based on the methodology and guidelines in Section 4 of the *L&D*. The calculated turn lane lengths will be discussed with the City prior to being utilized for design of the roadway since they will determine how much widening and potential right of way acquisition is required.

Intersection capacity analysis will be performed for the entire study area. This will help the city plan not only for widening needed at the terminal intersections of the Connector Road, but also for changes at other intersections in the area. The analysis will be performed using Synchro microsimulation software. A Synchro model will be created for the study area including the new Connector Road intersections on Harvard Road and Mercantile Road. Analysis will be performed for the Opening Year and Design Year AM and PM peak hours. The anticipated new traffic signal at Harvard Road / Connector Road will be timed to coordinate with the adjacent signals in the City's system. We will develop timing plans to be integrated in the signal plans, along with any timing changes needed at other study area intersections due to anticipated traffic diversions. Note that these will be conceptual timing plans that may require adjustments in the field once the road is open and traffic volumes stabilize.

The traffic crash history along Harvard Road and Mercantile Road within the study area will be evaluated to determine if there are any existing safety concerns that may be impacted by the proposed Connector Road and new intersections. Traffic crash data for calendar years 2021 - 2025 will be requested from



the city specifically for the roadway segments of Harvard Road and Mercantile Road within 500 feet in each direction of the proposed Connector Road intersections. Available data will be analyzed to determine the frequency and types of crashes that have been experienced. A brief narrative of the crash history will be developed, and crash data will be summarized in tabular format. This project does not include detailed crash analysis and study area intersections, and no collision diagrams will be created.

A memo format traffic report will be provided to summarize the data, information, and analysis of Tasks 1-9. It is not anticipated that a formal report will be required. Results will be presented in narrative and tabular format, with figures provided to present information graphically to show traffic volumes and proposed lane configuration.

### **Maintenance of Traffic**

GPD will design a Maintenance of Traffic (MOT) plan in compliance with all ODOT standards while incorporating the City's preferences. Submittals will include 30%, 60%, 90% and final plans. The 30% submittal will include a conceptual MOT plan that includes a directional detour plan route for Mercantile Road work. Preliminary typical sections will be prepared for Harvard Road for EB and WB curb lane closures.

The 60% submittal will include standard ODOT MOT notes. Upon approval of the detour route, the development plan will be further developed to include signage to directionally maintain SB/WB traffic on Mercantile Road by utilizing Commerce Park Road. Detailed typical sections on Harvard Road for EB and WB curb lane closure and typical sections for the directional detour on Mercantile Road will be prepared. Detailed plans at 20 scale will be prepared showing the EB and WB curb lane closures on Harvard Road for construction of the intersection on the north and south side. Long-term plans will include temporary pavement markings. No temporary signal work anticipated.

The 90% submittal will include detailed quantities, and the final submittal will be the full plan package addressing all review comments.

### **Traffic Control**

GPD will design traffic control plans in compliance with all ODOT standards. Submittals will include 30%, 60%, 90% and final plans. The 30% submittal will include 20-scale plans for Mercantile Road, New Connector Road and Harvard Road. Plans will show new intersections and newly constructed dedicated turn lanes as determined by the traffic study.

The 60% submittal will include standard ODOT traffic control notes. Detailed 20-scale traffic control plans for Harvard Road, New Connector Road and Mercantile Road for new pavement and new dedicated turn lanes will be prepared including new signage on New Connector Road. Only signs in conflict with new lane configuration on Harvard Road and Mercantile Rd will be replaced. All signs to be ground mounted. Pavement markings required for MOT restoration are to be handled with note and no detailed plans are anticipated.

The 90% submittal will include detailed quantities, and the final submittal will be the full plan package addressing all review comments.

### **Signals & Lighting**

GPD will design a new traffic signal at the Harvard Rd. / Connector Rd. intersection. The design will follow ODOT standards, while incorporating the City's preferences (stanchion color and style, vehicle detection, controller model, etc.). Equipment specifications and preferences will match the Richmond Road Project. The plan deliverables will include a signal stanchion layout at the 30% submittal for review and comment. The 60% deliverable will include full plans, details and notes specifying all preferred equipment. The 90% submittal will include detailed quantities and the final submittal will be the full plan package addressing all review comments. It is assumed all City preferences will be

provided with the 30% review comments to be incorporated into the 60% design. In addition to the signal design, an interconnect plan will be designed to connect this intersection to the existing system through an underground fiber optic connection to the signal at Eaton Boulevard and Harvard Road.

Corridor lighting will be provided along the new connector road to illuminate the roadway to current standards as identified in ODOT's Traffic Engineering Manual. Pole and fixture preferences shall be provided to GPD at the start of the design process so proper pole spacing can be established with a photometric analysis at the 30% design submittal. The 60% deliverable will include full plans, details and notes specifying all preferred equipment. The 90% submittal will include detailed quantities and the final submittal will be the full plan package addressing all review comments.

### **Geotechnical Field Investigation / Drilling (See attached Anticipated Boring Location Plan)**

Based upon the information provided, a total of thirteen (13) test borings are recommended for the project. Two (2) test borings (B-01 and B-02) are planned on the west side of the existing building at 23456 Mercantile Road and will be advanced to a depth of approximately 15 feet below existing grade. Two (2) test borings (B-08 and B-09) are planned west of the proposed roadway to the north of the Chagrin Highlands Beachwood west wetlands easement (parcel A) and will be advanced to a depth of approximately 15 feet below existing grade. Two (2) test borings (B-11 and B-12) are planned to be located on either side of the planned box culvert near the south end of the project and will be advanced to a depth of approximately 30 feet below existing grade. Seven (7) test borings (B-03 through B-07, B-10, and B-13) are planned along the path of the proposed roadway and will be advanced to depths of approximately 10 feet below existing grade. Two (2) test borings (B-14 and B-15) are planned for the embankment area that was installed on the east side between the conservation easements and planned to be advanced to a depth of approximately 20 feet below existing grade. Two (2) test borings (B-16 and B-17) are planned for the spoil mounds created by Cleveland Water Department and planned to be advanced to a depth of approximately 10 feet below existing grade. The test borings shall be terminated at the indicated depths or refusal, whichever is encountered first. Samples will be collected at 2.5-foot intervals to a depth of 10 feet and at 5 foot intervals thereafter. In test borings B-11 and B-12, additional samples will be collected for scour analysis. No samples will be collected for environmental analysis. Areas where borings are performed will be backfilled immediately after drilling.

Groundwater levels shall be noted during and upon completion of the drilling operations. Drilling, sampling, and standard penetration tests shall be conducted in accordance with applicable ASTM standards. The Ohio Utilities Protection Service and known utility companies will be properly notified prior to commencing the drilling operations.

Due to the presence of trees and brush, it is anticipated that a dozer or excavator will be required to clear access paths to a few of the boring locations.

### **Geotechnical Laboratory Testing**

The selected samples may be tested as follows:

- Visual Classification in accordance with the Unified Soil Classification System;
- Moisture Content;
- Hydrometer Analysis;
- Atterberg Limits (Liquid Limit and Plastic Limit); and
- Grain Size Analysis.

### **Geotechnical Report**

A Geotechnical Engineering Report shall be prepared and shall include the following:

- Laboratory test results;
- Individual typed test boring logs and test boring location plan;
- Seismic site classification;

- Box culvert soil support parameters;
- Pavement design parameters including CBR and/or modulus of subgrade reaction (k-value) and pavement thicknesses (design ESALs shall be provided) recommendation; and
- Construction considerations including groundwater, compaction and site preparation recommendations.

The presence or absence of gases or chemical contamination will only consist of apparent observations during drilling and handling of samples. Odors will be noted; however, chemical analysis of the soil samples is beyond the scope of this proposal.

## Environmental Services

### TASK 1: Surface Water Delineation

- A Surface Water Delineation will document the location and extent of wetlands, streams, and waterways within the Project Study Area. The delineation will be comprised of two tasks: 1) an off-site desktop review of publicly available online databases, including but not limited to the National Wetlands Inventory (NWI) Mapper, U.S. Geological Service (USGS) topographic map, 3D Hydrography Program (3DHP), Natural Resource Conservation Service (NRCS) soil map, the Federal Emergency Management Agency (FEMA) online service center and historic aerial photographs; and 2) an on-site field investigation for wetlands, streams, and waterways.
- During the field investigation, wetland areas will be delineated in accordance with the 1987 United States Army Corps of Engineers (USACE) Wetland Delineation Manual (Environmental Laboratory, 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0). The delineation technique uses a multi-parameter approach, which requires positive evidence of three parameters: wetland hydrology, hydric soils and hydrophytic vegetation.
- TRC will walk the Project Study Area and take sample points in all locations where potential wetlands are observed, based on the evidence of hydrology, hydric soils, and presence of hydrophytic vegetation. TRC will use a handheld sub-meter Global Positioning System unit to map the wetland/upland boundary of each wetland and boundary of each waterway observed. In addition, TRC will prepare the Ohio Environmental Protection Agency (OEPA) 10-page Ohio Rapid Assessment Method (ORAM) forms for functional assessments of wetlands and Headwater Habitat Evaluation Index (HHEI) or Qualitative Habitat Evaluation Index (QHEI) stream assessment forms for each stream observed. Wetlands will be delineated and mapped based on the Cowardin classification system (i.e., PEM, PSS, PFO), with boundary lines between community types such that there will not be combined wetland classifications (e.g., PEM/PSS) and each community type will have at least one data point. The Ordinary High Water Mark (OHWM) of the stream will be staked with wooden lath so that it can be surveyed in by others within approximately 3 months. TRC will also identify, photograph, and GPS map erosional areas, ponds, ditches, culverts, and storm water features that could be a concern during construction.
- TRC will take representative photographs of wetlands and waterways observed and record pertinent data for each, such as estimated bank height, bank-to-bank width, channel/ordinary high water mark (OHWM) width, substrates, depth of water, flow regime, and other data required per the ORAM, HHEI, and QHEI forms. Dominant vegetation within riparian zones along streams will also be recorded. Photographs will include a minimum of four photos for each wetland data point (N, S, E, and W); two photos for each upland data point; three photos for each stream reach (upstream, downstream, and substrate); and photos for each road/stream crossing (when known). Waterbodies with less than 6 feet between the left and right OHWM will be mapped using only the centerline. TRC will also delineate the boundaries of other surface waters (i.e., lakes or ponds) identified within the Project Study Area.
- A Surface Water Delineation report will be prepared to document the location and extent of wetlands, streams, and/or waterways. The report will include a narrative on methods and results, delineated features table, and wetland determination data forms for each wetland and upland point. The 1987 USACE Wetland Delineation Manual (Environmental Laboratory, 1987) requires that



delineations be completed within the growing season, which is typically early April to November in northeast Ohio but may vary. If the wetland delineation is performed outside of the growing season, the USACE or OEPA can require additional site visits during the growing season to confirm wetland boundaries, the 10-page ORAM forms for each delineated wetland, HHEI/QHEI for each delineated stream, site photographs, Project mapping, as well as a wetland, stream, and waterway delineation map.

#### Task 1 Deliverables

- Final Surface Water Delineation Reports in PDF format.
- GIS shapefiles of delineated features.

#### Task 1 Cost Assumptions

- The Project Study Area includes approximately 15.7 acres consisting of the proposed New Connector Road footprint (4.9 acres), an additional 50-foot buffer surrounding the footprint (5.9 acres), and the western parcel (4.9 acres) which are all shown on the attached map (Figure 1) in Cuyahoga County, Ohio.
- Additional areas added later are outside the scope of this proposal and may require additional mobilization(s) and/or field survey time that can be covered under a separate change order.
- The USACE and OEPA can require additional site visits during the growing season to verify wetland conditions. One mobilization for one biologist to meet the USACE onsite is included.
- Additional field work required by USACE or OEPA for delineations outside of the growing season are not included in this scope.
- Physical flagging of delineated wetland and waterway boundaries will be completed. The boundaries will be GPS mapped and presented in the report. An electronic file of the delineated wetland and waterway boundaries will be provided to GPD and the City of Beachwood.
- The OHWM of the stream will be staked with wooden lath so that it can be surveyed in by others within approximately 3 months after TRC staking.
- Changes to the Project Study Area after Project initiation will require a change order to update all applicable desktop or field reviews and reporting.
- TRC will have timely, complete, and unobstructed access for the Project duration.
- TRC's boundary determination and preliminary wetland categorization will be used by the USACE and OEPA as a guide only, and the agencies will make the final decisions regarding wetland boundary and categorizations.
- No delays beyond TRC's control will be encountered in performing the scope of services such as unforeseen travel circumstances, inclement weather, lack of permission to access area(s) and conditions deemed unsafe by TRC personnel, etc.

#### TASK 2: Threatened & Endangered Species Resources Review & Consultation

In support of the Project, TRC will review publicly available databases to identify any known threatened or endangered species on or near the Project area. Endangered, threatened, and rare/special concern wildlife/plant species are under the jurisdiction of two regulatory agencies in Ohio: the Ohio Department of Natural Resources (ODNR) and the United States Fish and Wildlife Service (USFWS). Potential impacts to protected wildlife and plant species are identified by coordinating with these agencies prior to Project development. Additionally, while on-site conducting the Surface Water Delineation, TRC will confirm to the extent possible, the location and additional data needed for suitable habitat for rare, threatened, and endangered species (RTE).

- Ohio Department of Natural Resources  
The ODNR – Division of Wildlife (DOW) offers several resources and levels of review to assist in the assessment of a Project's impacts to state listed species and other sensitive resources. For the proposed Project, TRC will draft a coordination letter requesting the ODNR-DOW complete an interdisciplinary Environmental Review (ER) within one-fourth mile of the Project Study Area and provide comments related to their divisional programs and statutory authorities. The ER will consider the habitats that are within and adjacent to the Project, and the ODNR – DOW will provide

recommendations and guidance on how to minimize and/or avoid impacts to RTE wildlife species. Additionally, TRC will prepare a desktop hibernaculum assessment report, if requested by ODNR, for their concurrence.

Coordination letters that are prepared through the ODNR's ER are completed under the authority of the National Environmental Policy Act (NEPA), the Endangered Species Act, the Fish and Wildlife Coordination Act (FWCA), the Clean Water Act (CWA), the Coastal Zone Management Area (CZMA), and other applicable laws and regulations. The ODNR-DOW requires 30-45 days to complete the review and for a coordination letter to be returned.

- U.S. Fish and Wildlife Service  
In support of the Project, TRC will submit one Technical Assistance request letter to the U.S. Fish and Wildlife Service (USFWS) to request information about known occurrences of state-and federally-listed threatened, endangered, and candidate species within the Study Area and its vicinity. TRC will utilize the USFWS Information, Planning and Consultation (IPaC) tool to identify federal USFWS trust resources (such as threatened or endangered species proposed or listed under the Endangered Species Act, critical habitat, or migratory birds), which will be included in the Technical Assistance request letter submittal.

#### Task 2 Deliverables

- TRC will submit for a formal IPaC from the USFWS requesting information on RTE species, or their habitats that may be impacted by the proposed Project. Then TRC will submit a Technical Assistance request to the USFWS.
- TRC will draft the ODNR coordination letter addressed from TRC and will include a cover letter with detailed descriptions of the proposed work, including Project Study Area location (i.e., township, county and latitude/longitude); proposed work activities; on-site habitats; proposed impacts (i.e., in-stream water activities or necessary tree clearing); proposed BMPs (i.e., placement of native seed in disturbed areas); Project Study Area mapping (i.e., USGS topographic and aerial mapping) of the Project Study Area; representative photographs of the project site; and shapefiles of the project boundaries.

#### Task 2 Cost Assumptions

- The consultation with the ODNR and USFWS will result in no species-specific surveys; however, if any species-specific surveys or special measures are necessary, TRC will coordinate with GPD and the City of Beachwood about a change order, prior to any additional services.
- Observations of potential habitat for protected species within the Project Study Area will occur in conjunction with the Surface Waterway Delineation mobilization.
- If RTE species or suitable habitat are found within the Project Study Area, avoidance and impact minimization measures can be applied to avoid adverse impacts to the listed species.
- All Project associated tree clearing will adhere to USFWS seasonal bat restrictions on tree cutting (October 1 through March 31). If tree clearing is needed outside of this window, species-specific surveys will likely be required and are outside of this scope of work.

#### TASK 3: USACE Section 404 Nationwide Permit

Waterway permits are required for impacts to waters, including wetlands and waterways. Potential impacts will be determined once site plans are developed for the Project. In review of the anticipated Project Study Area, there appear to be at least three jurisdictional features (i.e., wetlands, streams, ditches, etc.) located within the Project Study Area. If jurisdictional features are present and they cannot be avoided, the Project would likely need a Clean Water Act (CWA) Section 404 nationwide permit (NWP) with a Pre-construction Notification (PCN).

Based on the project being roadway construction, it is assumed that a NWP 14 Linear Transportation with a PCN will be needed (with the Section 401 Water Quality granted). If a PCN is not required, TRC will prepare a waterway permitting compliance letter explaining the Project's waterway permitting and

why a PCN is not required to the USACE. Under certain circumstances, a PCN to the Ohio EPA may be required and depends on impact amounts and quality of resources. TRC will submit the PCN to the Ohio EPA if required. Once the design is at Stage 2 or a minimum of 70%, TRC will prepare a complete NWP PCN application which will include all necessary forms, supplemental text, and tables necessary to obtain the permits including the following:

- GPD will generate the following figures or plan sheets as necessary to include in the application based on the site plan and design:
- Figures or plan sheets that include plan and profile view of the proposed resources impacted and the necessary detail and dimensions of impact to clearly communicate to the USACE the OHWM of each stream, location of water resources, and number of impacts.
- Resource impact tables that will quantify the impacts of the proposed development.
- Prepare and submit the NWP PCN (permit application) to the USACE through the Regulatory Request System.
- Correspond with the USACE through the review and issuance process. TRC will make one round of modifications to the application as requested by USACE (if necessary).
- Review the permit conditions provided by USACE and provide comments to GPD and the City of Beachwood.
- Provide periodic updates to GPD and the City of Beachwood, via conference calls or email, regarding the status of the NWP PCN review by the USACE

Based on the proximity of the existing Western Reserve Land Conservancy (WRLC) conservation easements within the 50-foot buffer around the roadway as well as east and west of the Proposed Study Area, 6 hours have been included in this proposal for conservation easements coordination.

#### Task 3 Deliverables

- NWP PCN (permit application package).

#### Task 3 Cost Assumptions

- The proposed Project will be in compliance with NWP 14 Linear Transportation Projects. If a PCN is not required to the USACE, TRC will prepare a waterway permitting compliance letter explaining the Project's waterway permitting and why a PCN is not required. If required, TRC will file a PCN with the Ohio EPA.
- One combined USACE and OEPA onsite pre-application meeting and one round of PCN updates based on agency comments are included.
- This Project will not include wetland, stream, waterway, or RTE mitigation.
- GPD will provide site plans with a sufficient level of detail to satisfy the USACE including OHWM, location, and labels for waters.
- GPD will make reasonable efforts to avoid and minimize wetland and waterway impacts to the fullest extent practicable.
- All Project impacts will meet the OEPA's Section 401 conditions for a NWP. This proposal does not include Individual OEPA Section 401 WQC Permitting, Individual Section 404 Permitting, or OEPA Isolated Wetland Permitting

#### TASK 4: Cultural Resources Desktop Review and Phase I Archaeology

The USACE permitting rules require the USACE to prepare a National Environmental Policy Act (NEPA) document prior to issuance of a permit. Therefore, TRC recommends a literature and archives review to develop a Cultural Resources Desktop analysis of the proposed project. The cultural resources desktop analysis will summarize the previously recorded cultural resources that are located within and adjacent to the proposed project and recommend mitigation efforts to avoid adverse impacts to known National Register of Historic Places (NRHP) listed cultural resources, if present. The desktop analysis will utilize a one-mile search radius for archaeological research and a five (5)-mile radius for above-ground historic resources. TRC will review the site records identified in the OHC online search and will complete the review of the following additional data sources:

- NRHP
- OHC Online Mapping System
- Ohio Historic Inventory (OHI)
- Ohio Archaeological Inventory (OAI)
- Ohio Genealogical Society (OGS) Cemetery Data
- Historical Photography
- Historic Maps and Atlases
- County Histories

Based on the project location and to assist with development of a scope of work, TRC conducted a brief review of the Ohio History Connection (OHC) Online Mapping System. That identified a potential archaeological site over the lower two thirds of the Project Study Area. Based on this information, it is considered likely that additional cultural resources fieldwork will be required for the site and in order to promptly advance the Project, a Phase I Archaeological Study is recommended. This report will include the Cultural Resources Desktop Analysis discussed above.

A Phase I Archaeological Survey of approximately 2,540 linear feet (ft) by 190 ft roadway alignment and buffer totaling approximately 10.8 acres (ac) and the western parcel of approximately 4.9 ac of the Area of Potential Effect (APE) provided by GPD/City of Beachwood. The Phase I Archaeological Survey will involve the excavation of Shovel Test Pits (STPs) as it is assumed the entire Project Study Area will have a surface soil visibility of less than 50 percent.

Each STP will measure 50 x 50-centimeters (cm) and will be excavated to culturally sterile subsoil horizons along 15-m [approximately 50 ft) intervals. It is assumed that the whole Project Study Area will be within high potential areas based on the results of the OHC mapping system review, moderately well drained to somewhat poorly drained soils, and distance to water. Therefore, it is assumed a maximum of 180 STPs at high potential intervals will be excavated.

Excavated soils will be screened through ¼ inch hardware cloth. If cultural materials are identified in an isolated STP, supplemental tests (radials) will be excavated in the four cardinal directions around the original positive STP to determine if the recovered artifact(s) continue beyond that location and to ensure against isolated finds. The radials will be placed at 5 m (16 ft) intervals between the positive STPs. All archaeological investigation STPs will be backfilled to original grade. Where feasible, STPs will be excavated by stratigraphic level, and recovered artifacts will be collected separately by provenience.

A description of the STPs will be recorded in the field, including the location of the STP within the Project Study Area, and information pertaining to the local terrain. Information about the color, texture, composition, and thickness of soil strata will be recorded, and the presence or absence of cultural materials and/or features will be indicated. Photographs will be taken to document field conditions, observations, and field techniques.

All field data, including surface find locations, photographs, landscape features, and STPs, will be recorded using the ESRI ArcGIS Field Maps app on a tablet combined with a sub-meter hand-held GPS receiver geode.

#### Task 4 Deliverables

- One digital Phase I Archaeological Survey Report, including a Cultural Resources Desktop Analysis with a resource mapping, and results of the research.

#### Task 4 Cost Assumptions:

- Subsurface testing is based on the APE provided by the City of Beachwood totaling approximately 15.7 ac (Figure 1) as testable via a maximum of 180 STPs.
- TRC assumes that one archaeological resource will be identified during the archaeological fieldwork. If more than one archaeological resource is identified, a supplemental scope and cost will be provided to GPD.



- It is assumed that a maximum of 50 artifacts requiring processing and analysis will be recovered during the investigations.
- The survey will be conducted under the overall guidance of the Principal Investigator with a crew consisting of an Archaeological Field Director and a field technician.
- To ensure against isolated finds, supplemental tests (radials) will be excavated in the four cardinal directions around the original positive STP to determine if the recovered artifact(s) continue beyond that location. TRC assumes eight additional STPs will be hand-excavated for a single positive shovel test.
- One consolidated set of comments/revisions of the report will be received from the Client.
- A Historic Architectural Survey, deep testing, Phase II site evaluation, Phase III mitigation, or geomorphological investigations are not included in this scope of services. If any of these studies are required, a change order would be needed.
- No architectural survey and report have been completed; however, if needed this task can be completed with a change order.

#### TASK 5: Soil Sampling and Testing

Under this task, TRC will complete sampling of dumped soils at the two locations discussed during the site visit with GPD and the City of Beachwood on May 29, 2026 and as shown on Figure 1. The following activities are anticipated:

- TRC will document the sampling locations through photographs and field notes.
- Up to 10 composited soil samples will be obtained from each location for up to 20 total samples.
- Based on the depths of fill (20 to 30 feet), the sampling will be conducted with a direct push technology (DPT) drilling rig. The use of the drilling rig will necessitate the location of public and private utilities prior to drilling. TRC will submit the request for the locations to be marked.
- The sampling equipment will be decontaminated prior to arrival on site and between stockpiles.
- The samples will be placed in the appropriate laboratory-provided sampleware (based on analysis) and placed in coolers with ice for transport to the laboratory under chain of custody protocols.

It is expected that each sample will be analyzed to evaluate its suitability for reuse and disposal (waste characterization), as follows:

##### Reuse:

- Volatile Organic Compounds (VOCs) by Method 8260
- Semi-VOCs by Method 8270
- Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics (GRO)/Diesel Range Organics (DRO)/Oil Range Organics (ORO).
- RCRA 8 metals

##### Disposal (Waste Characterization):

- Hazardous waste characterization including TCLP, ignitability, corrosivity, and reactivity excluding pesticides and herbicides.

After the results have been received, TRC will prepare a letter report that summarizes the sampling, laboratory analysis, and analytical results. The letter report will include field notes and photographs, the chain of custody documentation, and laboratory analytical report(s).

##### Task 5 Assumptions:

- TRC proposes using Eurofins in Barberton, Ohio, for laboratory analysis, as samples can be dropped off or couriered directly to their laboratory.
- All laboratory analysis will be processed using the standard turnaround time (5 business days for \$850 per sample).
- Email will be used for submittals throughout this project, and no hard copies of any reports will be provided.



## **Regional Detention Basin**

- Delineation of drainage area(s) contributing to the proposed regional detention basin location. This will be completed after the proposed connector road's alignment and profile have been established.
- Hydrologic calculations in accordance with Beachwood standards to develop hydrographs to be routed through the proposed detention basin. Beachwood requires the evaluation of the Critical Storm to determine allowable release rates. HydroCAD software will be utilized to determine hydrographs and runoff volumes for the required design storms.
- Detention basin sizing calculations – to be completed in HydroCAD software. This includes approximate grading of a basin to determine available volume; detailed grading will be completed by others. The evaluation of two scenarios that might include either a different location or configuration of a detention basin is included. Additional scenarios will require contract modification.
- Assist with the preparation of the construction documents specific to the proposed, selected detention basin configuration.

## **Comprehensive Stormwater Management Plan Report**

- Section 1177.06 of the Codified Ordinances of Beachwood requires a Comprehensive Stormwater Management Plan. Some of the items listed are typically not included with construction documents and so it is assumed that a report will be required. This scope of services includes time for the portion of the report specific to the culvert and regional detention basin analysis and design. SWPPP is not included with this scope of services.

## **Culvert Analysis**

- Delineation of watershed draining to the proposed culvert location.
- Hydrologic calculations in accordance with Beachwood standards to develop flow rates to pass through the proposed culvert.
- Hydraulic analysis to size the proposed culvert. The analysis includes time to evaluate up to three different sizes or types of culverts. Additional culvert sizes and/or types will require contract modification.
- Assist with the preparation of the construction documents specific to the proposed, selected culvert.

## **Culvert Design**

In accordance with the requirements of the USACOE permit for the site, the base design for the wetland culvert will include a 3-sided precast concrete arch-top or flat-top culvert placed on cast-in-place concrete strip footings located beyond the ordinary high-water mark of the waterway. The ordinary high-water mark will be determined by the project environmental consultant and/or the USACOE. The culvert foundation will either be spread footings founded on soil or footings founded on deep foundation elements, as recommended by the project geotechnical consultant. Footings will require suitable depth below the stream bed and scour protective measures as determined by scour analysis performed in conjunction with geotechnical and hydraulic data. Culvert headwalls and wingwalls will be designed as precast type.

## **Retaining Walls (If-Authorized):**

In order to provide a suitable width embankment in the vicinity of the wetland crossing and wetland culvert, retaining walls may be required for the embankment if typical grading cannot be achieved. It is anticipated that a cast-in-place concrete retaining wall may be required along the east side where the existing embankment may need to be cut back due to infringement on the existing wetland easement. The westerly side may require fill to build new embankment width. In the fill scenario at the west side, a mechanically Stabilized Earth (MSE) wall is anticipated. Retaining walls, if required, would be coordinated with Roadway design and cross sections.

## **Preliminary Engineering and Concept Development**

- Roadway Analysis
  - a. The proposed typical section will be a full depth concrete pavement.
  - b. GPD will analyze the vertical and horizontal geometrics of the existing roadway.
- Drainage
  - a. The storm sewer will be designed to meet current ODOT design criteria for pavement spread and capacity. It is the intent to outlet to the new regional storage basin.
- Sanitary
  - a. Conceptual design to determine the Connector Road profile.
- Preliminary Design
  - a. GPD will provide a preliminary plan set showing vertical and horizontal geometry, and preliminary cross sections.
  - b. Preliminary design of all proposed utilities: storm, sanitary and water.
  - c. GPD will identify potential utility relocations.
  - d. GPD will provide an Opinion of Probable Construction cost.

## **Final Design, PS&E, and Bid Documents**

- Roadway Design
  - a. GPD will incorporate the pavement design, as recommended by the geotechnical engineer.
  - b. GPD will design to meet the City of Beachwood standards.
  - c. The roadway design package will include:
    - i. Title Sheet
    - ii. Schematic Plan
    - iii. Typical Sections
    - iv. General Notes
    - v. Plan Quantities
    - vi. Project Site Plan
    - vii. Plan and Profiles, at 20 scale
    - viii. Cross Sections, spaced at 50 feet
    - ix. Driveway Profiles
    - x. Driveway Details
    - xi. Intersection Details
    - xii. Drainage Details
    - xiii. Miscellaneous Details
    - xiv. Water Main Design
- Drainage and Storm Water Management
  - a. GPD will incorporate post-construction water quality BMP's pertaining to the roadway reconstruction.
  - b. GPD will design the storm to current ODOT and Beachwood standards.
  - c. GPD will perform pavement spread calculations for inlet spacing.
  - d. GPD will complete bid quantities for all storm sewer and BMP components.
- Sanitary Sewer Design
  - a. GPD will design the sanitary sewer to Beachwood standards
  - b. GPD will perform capacity calculation
  - c. GPD will complete bid quantities for sanitary sewer components.
- Water line Design
  - a. GPD will design water lines in the project limits to CWD standards.

- b. GPD will utilize the latest CWD standards.
- c. GPD will coordinate with the CWD for plan approval.
- d. GPD will complete bid quantities for all waterline components.

Right-of-Way Plans are not anticipated. GPD will not be responsible for any R/W plans or title reports. R/W plan development is not anticipated as part of this project. GPD will not be responsible for any R/W acquisition.

### **Bidding Assistance**

Provide support during bidding for responses to bidder questions, and preparation of addenda if needed.

### **Proposed Fee**

Based on the anticipated scope of work, GPD proposes to provide the above Scope of Work for a lump sum fee of \$639,169.50. In addition to the base scope, the Retaining Walls Task is not included in the lump sum fee. If authorized in writing by the Client, the Retaining Walls task will be performed for an additional lump sum fee of \$31,540.00. See attached a breakdown of these fees by task.

### **Assumptions**

This fee proposal is based on the understanding that supplemental survey will be limited to 23456 Mercantile Road and the Harvard Road intersection area, and that the project will be reviewed primarily by the City of Beachwood and the Village of Highland Hills rather than through a full ODOT lead review process. It also assumes that the environmental effort will focus on support for the identified wetlands crossing and associated permitting/coordination, consistent with the prior site documentation referenced in the RFQ and our Letter of Interest.

### **Exclusions**

The proposed fee does not include additional services such as construction administration, resident project representation, construction inspection, extensive public involvement beyond standard design coordination, right-of-way acquisition services, major owner-directed redesign after acceptance of preliminary concepts, or utility/private development design outside the public corridor. Should any such services be required, GPD would be pleased to provide them on an hourly or negotiated not-to-exceed basis.

### **Schedule**

GPD is prepared to begin work immediately upon authorization and will structure the project to meet the City's desired delivery schedule. Consistent with the RFQ requirements, our goal will be to complete the plans and bid-ready documents within 12 months of Notice to Proceed. Our anticipated schedule to stay consistent with the RFQ and LOI approach will be:

- **Months 1–3:** kickoff, data collection, supplemental survey, traffic study initiation, geotechnical field work, environmental/permit strategy.
- **Months 4–5:** preliminary engineering and 30% design.
- **Months 6–8:** intermediate/final design development, utility coordination, culvert and stormwater design, 60% documents.
- **Months 9–10:** agency/municipal review, permit refinement, 90% documents.
- **Months 11–12:** final PS&E and bidding support.



## Closing

We appreciate the opportunity to submit this proposal and to continue our longstanding partnership with the City of Beachwood. GPD is confident that our familiarity with the corridor, knowledge of City standards, and experience delivering roadway, traffic, utility, environmental, and stormwater projects of similar complexity will allow us to provide a coordinated, high-quality design that supports the City's goals for this important connector roadway improvement.

Should you have any questions or wish to discuss this proposal further, please do not hesitate to contact me.

Sincerely,

GPD Group



Matthew Glass, P.E.  
Project Manager

cc: Joe Ciuni (Beachwood)  
Chris Arrietta (Beachwood)

## Proposal Authorization and Acceptance

The undersigned acknowledges that they are duly authorized to act on behalf of their respective party. By signing below, the Municipality accepts this Proposal and authorizes the Consultant to proceed with the services described herein, subject to all terms, conditions, fees, schedules, and deliverables set forth in this Proposal. The individual signing on behalf of the Municipality represents that they have full authority to bind the Municipality to this Proposal in accordance with applicable law and the Municipality's procurement and contracting requirements.

### Accepted and Authorized:

#### City of Beachwood, Ohio

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

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

# Beachwood Road Connector - Traffic Study, Signals & Lighting, Traffic Control & MOT Design Fee

City of Beachwood

May 26, 2026



| Item/Task                                       | Sheets | Project Principal | Senior Project Manager | Senior Engineer | Design Engineer | Senior Designer | CAD Drafter | Total            |
|-------------------------------------------------|--------|-------------------|------------------------|-----------------|-----------------|-----------------|-------------|------------------|
| <b>TRAFFIC STUDY</b>                            |        |                   |                        |                 |                 |                 |             |                  |
| <b>Site Inspection and Data Collection</b>      |        |                   |                        |                 |                 |                 |             |                  |
| Crash Data from City                            |        |                   | 1                      | 1               |                 |                 |             | 2                |
| Traffic Counts                                  |        |                   |                        | 1               |                 |                 |             | 1                |
| <b>Traffic Volumes</b>                          |        |                   |                        |                 |                 |                 |             |                  |
| Develop DHVs from Counts                        |        |                   |                        | 1               | 2               |                 |             | 3                |
| Trip Generation                                 |        |                   | 2                      | 4               | 8               |                 |             | 14               |
| Streetlight O-D Analysis                        |        |                   | 1                      | 4               | 8               |                 |             | 13               |
| Develop Traffic Diversions                      |        |                   | 1                      | 4               | 4               |                 |             | 9                |
| Develop "Build" Volumes                         |        |                   |                        | 4               | 8               |                 | 6           | 18               |
| <b>Signal &amp; Turn Lane Analysis</b>          |        |                   |                        |                 |                 |                 |             |                  |
| Signal Warrant Analysis                         |        |                   | 1                      | 1               | 2               |                 |             | 4                |
| Turn Lane Analysis                              |        |                   | 1                      | 1               | 2               |                 |             | 4                |
| Turn Lane Calculations                          |        |                   |                        | 1               | 2               |                 |             | 3                |
| <b>Capacity Analysis</b>                        |        |                   |                        |                 |                 |                 |             |                  |
| Create Synchro Model (AM & PM, OY & DY)         |        |                   |                        | 4               | 24              |                 |             | 28               |
| Conceptual Signal Timing Plans                  |        |                   | 1                      | 4               | 8               |                 |             | 13               |
| <b>Crash Analysis</b>                           |        |                   |                        |                 |                 |                 |             |                  |
| Review & Summarize Data                         |        |                   |                        | 2               | 6               |                 |             | 8                |
| <b>Summary Report</b>                           |        |                   |                        |                 |                 |                 |             |                  |
| Draft Memo                                      |        |                   | 1                      | 4               | 24              |                 | 4           | 33               |
| Final Memo                                      |        |                   | 1                      | 4               | 8               |                 |             | 13               |
| <b>SIGNALS AND LIGHTING</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| <b>30% Design Submittal</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| Traffic Signal Plan - Harvard Rd / Connector Rd | 1      |                   | 1                      | 4               | 12              |                 | 8           | 25               |
| Lighting Plans - Connector Rd Corridor          | 6      |                   | 1                      | 4.5             | 24              |                 | 24          | 53.5             |
| Photometric Analysis                            |        |                   |                        | 4               | 12              |                 |             | 16               |
| <b>60% Design Submittal</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| Traffic Signal Notes                            | 4      |                   |                        | 4               | 8               |                 | 8           | 20               |
| Traffic Signal Plan - Harvard Rd / Connector Rd | 1      |                   | 2                      | 8               | 12              |                 | 8           | 30               |
| Interconnect Plan                               | 3      |                   | 2                      | 4               | 18              |                 | 12          | 36               |
| Traffic Signal Details                          | 4      |                   |                        | 4               | 16              |                 | 8           | 28               |
| Lighting Notes                                  | 1      |                   |                        | 1               | 4               |                 | 4           | 9                |
| Circuit Schematic                               | 1      |                   |                        | 2               | 8               |                 | 4           | 14               |
| Lighting Plans                                  | 6      |                   | 1                      | 9               | 24              |                 | 24          | 58               |
| Voltage Drop Calculations                       |        |                   |                        | 4               | 8               |                 |             | 12               |
| <b>90% Design Submittal</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| Signals - Address 60% Review Comments           |        |                   | 1                      | 4               | 8               |                 | 8           | 21               |
| Traffic Signal Subsummary                       | 1      |                   | 1                      | 4               | 8               |                 | 2           | 15               |
| Lighting - Address 60% Review Comments          |        |                   | 1                      | 4               | 8               |                 | 8           | 21               |
| Lighting Subsummary                             | 2      |                   | 1                      | 8               | 16              |                 | 2           | 27               |
| <b>Final Design Submittal</b>                   |        |                   |                        |                 |                 |                 |             |                  |
| Signals - Address 90% Review Comments           |        |                   | 1                      | 4               | 8               |                 | 8           | 21               |
| Lighting - Address 90% Review Comments          |        |                   | 1                      | 4               | 8               |                 | 8           | 21               |
| <b>TRAFFIC CONTROL &amp; MOT</b>                |        |                   |                        |                 |                 |                 |             |                  |
| <b>30% Design Submittal</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| Conceptual Maintenance of Traffic               |        |                   |                        | 8               | 8               |                 | 4           | 20               |
| Pavement Marking Plans                          |        |                   | 2                      | 8               |                 | 12              | 8           | 30               |
| <b>60% Design Submittal</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| Maintenance of Traffic Notes                    |        |                   | 1                      | 6               | 12              |                 | 8           | 27               |
| Maintenance of Traffic Detour Plan              |        |                   | 2                      | 4               | 8               |                 | 8           | 22               |
| Maintenance of Traffic Typical Section          |        |                   | 2                      | 2               | 8               |                 | 4           | 16               |
| Maintenance of Traffic Plans                    |        |                   | 2                      | 16              | 32              |                 | 24          | 74               |
| Traffic Control Notes                           |        |                   |                        | 2               |                 | 4               | 4           | 10               |
| Traffic Control Plans                           |        |                   | 1                      | 12              |                 | 24              | 16          | 53               |
| <b>90% Design Submittal</b>                     |        |                   |                        |                 |                 |                 |             |                  |
| Maintenance of Traffic Subsummary               |        |                   | 1                      | 4               | 8               |                 | 4           | 17               |
| Pavement Marking Subsummary                     |        |                   | 1                      | 4               | 8               |                 | 4           | 17               |
| Signing Subsummary                              |        |                   | 1                      | 4               | 8               |                 | 4           | 17               |
| <b>Final Design Submittal</b>                   |        |                   |                        |                 |                 |                 |             |                  |
| Address 90% Review Comments (Traffic, MOT)      |        |                   | 2                      | 8               | 12              | 12              | 16          | 50               |
| Totals                                          | 30     | 0                 | 38                     | 194.5           | 412             | 52              | 250         | 946.5            |
| Hourly Rate                                     |        | \$165.00          | \$140.00               | \$130.00        | \$120.00        | \$115.00        | \$84.00     |                  |
| Labor Cost                                      |        | \$0               | \$5,320                | \$25,285        | \$49,440        | \$5,980         | \$21,000    | \$107,025        |
| Manhour Split                                   |        | 0.00%             | 4.01%                  | 20.55%          | 43.53%          | 5.49%           | 26.41%      |                  |
| Field Survey & Base Mapping                     |        |                   |                        |                 |                 |                 |             | \$0              |
| Direct Expenses (Travel, Misc Reproduction)     |        |                   |                        |                 |                 |                 |             |                  |
| <b>Total</b>                                    |        |                   |                        |                 |                 |                 |             | <b>\$107,025</b> |



**Client / Contact Info:**  
City of Beachwood, Ohio

**Job Name:** Connector Road  
**Location:** Harvard to Mercantile Road  
Beachwood, Ohio  
**Notes:** See .kmz for survey area. Set ground control and level, full topographic survey, 811 utilities with inverts, centerline & r/w survey, no easements or plats.

520 South Main Street, Suite 2531  
Akron, Ohio 44311  
330.572.2100  
[www.gpdgroup.com](http://www.gpdgroup.com)

| Type of Work | Survey Group Hours        |                           |  |  |                            |                        | TOTAL HOURS:<br>(Per Task) | TOTAL FEE:<br>(Per Task) |
|--------------|---------------------------|---------------------------|--|--|----------------------------|------------------------|----------------------------|--------------------------|
|              | Field Survey Technician 1 | Field Survey Technician 3 |  |  | Office Survey Technician 3 | Survey Project Manager |                            |                          |
| 2026 Rates:  | \$97.50                   | \$129.50                  |  |  | \$109.50                   | \$140.00               |                            |                          |

|                                    |             |             |  |  |             |            |     |             |
|------------------------------------|-------------|-------------|--|--|-------------|------------|-----|-------------|
| Kick-off Meeting / Crew Manager    |             | 9           |  |  |             |            | 9   | \$1,165.50  |
| Research                           |             |             |  |  |             |            |     |             |
|                                    |             |             |  |  |             |            |     |             |
| Control, Boundary, Topo, Utilities | 100         | 100         |  |  | 100         | 40         | 340 | \$39,250.00 |
|                                    |             |             |  |  |             |            |     |             |
|                                    |             |             |  |  |             |            |     |             |
| Field Review                       |             |             |  |  |             |            |     |             |
| 811 Utility Ticket / Review        | 4           |             |  |  |             |            | 4   | \$390.00    |
| Exhibit                            |             |             |  |  |             |            |     |             |
| Legal                              |             |             |  |  |             |            |     |             |
| Set Pins                           |             |             |  |  |             |            |     |             |
| Subconsultant                      |             |             |  |  |             |            |     |             |
| Total Hours                        | 104         | 109         |  |  | 100         | 40         | 353 | \$40,805.50 |
| Cost:                              | \$10,140.00 | \$14,115.50 |  |  | \$10,950.00 | \$5,600.00 |     |             |

|                                  |             |
|----------------------------------|-------------|
| Total Field Survey Crew Hours:   | 213         |
| Survey Field Crew Cost:          | \$24,255.50 |
| Certified Mail / Return Receipts |             |
| Materials:                       |             |
| Sub Consultant Cost:             |             |
| Total Survey Project Cost:       | \$40,805.50 |
| Fee Quoted:                      |             |
| Total Man Hours:                 | 353         |

|                     |             |
|---------------------|-------------|
| Total Office Hours: | 140         |
| Survey Office Cost: | \$16,550.00 |

Prepared By: Adam Treat, P.S.

Date: 05/29/2026

Proposal / Job & Task Number: SP2026-0094

| TASK                                            | Project Team          |                                    |                             |                             | TOTAL HOURS                | AVG. LABOR RATE | TOTAL DIRECT LABOR | DIRECT COSTS |            |                    | Sub Consultants | Total Costs<br>Multiplier = 1.00 | Total Costs By Task |
|-------------------------------------------------|-----------------------|------------------------------------|-----------------------------|-----------------------------|----------------------------|-----------------|--------------------|--------------|------------|--------------------|-----------------|----------------------------------|---------------------|
|                                                 | Principal<br>\$165.00 | Senior Project Manager<br>\$140.00 | Senior Engineer<br>\$130.00 | Design Engineer<br>\$120.00 | Staff Engineer<br>\$103.00 |                 |                    | Printing     | Misc Costs | Total Direct Costs |                 |                                  |                     |
| Culvert Analysis                                |                       |                                    |                             |                             |                            |                 |                    |              |            |                    |                 |                                  |                     |
| Administration                                  | 1                     | 4                                  |                             |                             |                            | 5               | 145.00             |              |            | \$725              |                 | \$725.00                         | \$8,565.00          |
| Watershed Delineation & Hydrologic Calculations |                       | 1                                  | 2                           | 12                          |                            | 15              | 122.67             |              |            | \$1840             |                 | \$1840.00                        |                     |
| Culvert Hydraulics                              |                       | 2                                  | 12                          | 28                          |                            | 42              | 123.81             |              |            | \$5200             |                 | \$5200.00                        |                     |
| Design Support                                  |                       | 2                                  | 4                           |                             |                            | 6               | 133.33             |              |            | \$800              |                 | \$800.00                         |                     |
| Regional Detention Basin                        |                       |                                    |                             |                             |                            |                 |                    |              |            |                    |                 |                                  | \$15,370.00         |
| Administration                                  | 1                     | 4                                  |                             |                             |                            | 5               | 145.00             |              |            | \$725              |                 | \$725.00                         |                     |
| Watershed Delineation & Hydrologic Calculations |                       | 4                                  | 12                          | 36                          |                            | 52              | 123.85             |              |            | \$6440             |                 | \$6440.00                        |                     |
| Detention Basin Sizing Calculations             |                       | 4                                  | 12                          | 36                          |                            | 52              | 123.85             |              |            | \$6440             |                 | \$6440.00                        |                     |
| Design Support                                  | 1                     | 4                                  | 8                           |                             |                            | 13              | 135.77             |              |            | \$1765             |                 | \$1765.00                        |                     |
| Comprehensive Stormwater Management Plan Report |                       |                                    |                             |                             |                            |                 |                    |              |            |                    |                 |                                  | \$6,450.00          |
| Administration                                  | 1                     | 4                                  |                             |                             |                            | 5               | 145.00             |              |            | \$725              |                 | \$725.00                         |                     |
| Comprehensive SWM Report                        | 1                     | 8                                  | 12                          | 24                          |                            | 45              | 127.22             |              |            | \$5725             |                 | \$5725.00                        |                     |
| PROJECT TOTALS                                  | 5                     | 37                                 | 62                          | 136                         |                            | 240             | 126.60             | \$0          | \$0        | \$0                | \$0             | \$30,385                         | \$30,385            |





| Item/Task                               | Units /<br>Sheets | Project<br>Principal | Senior<br>P.M. | Senior<br>Engineer | Design<br>Engineer | CAD<br>Drafter | Total<br>Hours |
|-----------------------------------------|-------------------|----------------------|----------------|--------------------|--------------------|----------------|----------------|
|                                         |                   |                      |                |                    |                    |                |                |
| Preliminary Engineering                 |                   |                      |                |                    |                    |                |                |
| Corridor Modeling                       | 1                 |                      | 4              | 20                 | 80                 |                | 104            |
| Preliminary Drainage                    | 1                 |                      | 8              | 24                 | 80                 |                | 112            |
| Preliminary Sanitary                    | 1                 |                      | 6              | 20                 | 60                 |                | 86             |
| Preliminary Water                       | 1                 |                      | 6              | 20                 | 60                 |                | 86             |
| Preliminary Roadway Layout/Profile      | 1                 |                      | 4              | 24                 | 80                 |                | 108            |
|                                         |                   |                      |                |                    |                    |                |                |
| Detailed Design                         |                   |                      |                |                    |                    |                |                |
| Detailed Drainage/BMP Design            |                   |                      | 16             | 40                 | 60                 | 20             | 136            |
| Title Sheet                             | 1                 |                      | 2              | 4                  |                    | 8              | 14             |
| General Notes                           | 4                 |                      | 8              | 40                 | 16                 | 20             | 84             |
| Schematic Plan                          | 1                 |                      | 2              | 4                  | 8                  | 24             | 38             |
| Typical Sections                        | 2                 |                      | 1              | 8                  | 20                 | 32             | 61             |
| Quantities                              | 4                 |                      | 8              | 40                 | 100                | 40             | 188            |
| Project Site Plan                       | 1                 |                      |                | 2                  | 16                 | 8              | 26             |
| Plan and Profile                        | 6                 |                      | 12             | 40                 | 80                 | 160            | 292            |
| Plan and Profile Mercantile/Harvard     | 4                 |                      | 4              | 12                 | 20                 | 40             | 76             |
| Cross Sections                          | 20                |                      | 12             | 24                 | 40                 | 80             | 156            |
| Cross Sections Mercantile/Harvard       | 8                 |                      | 4              | 8                  | 20                 | 40             | 72             |
| Drive Profiles                          | 1                 |                      | 2              | 4                  | 12                 | 24             | 42             |
| Drive Details                           | 2                 |                      | 1              | 2                  | 6                  | 16             | 25             |
| Intersection Details                    | 2                 |                      | 4              | 8                  | 24                 | 40             | 76             |
| Drainage Details                        | 1                 |                      | 4              | 16                 |                    | 40             | 60             |
| Misc Construction Details               | 2                 |                      | 4              | 16                 |                    | 40             | 60             |
| Water/Sanitary Line Design              |                   |                      |                |                    |                    |                |                |
| Plan/Profile                            | 6                 |                      | 8              | 16                 | 40                 | 80             | 144            |
| Details                                 | 2                 |                      |                | 12                 |                    | 24             | 36             |
|                                         |                   |                      |                |                    |                    |                |                |
| Administration                          |                   |                      |                |                    |                    |                |                |
| QA/QC Review                            | 4                 |                      | 16             | 100                | 80                 | 80             | 276            |
| Construction Cost Estimating            | 4                 |                      | 12             | 40                 | 60                 |                | 112            |
| Utility Company Coordination/Submittals | 4                 |                      | 12             | 60                 |                    | 40             | 112            |
| Project Admisitration                   |                   | 40                   | 80             |                    |                    |                | 120            |
|                                         |                   |                      |                |                    |                    |                |                |
| Totals                                  | 84                | 40                   | 240            | 604                | 962                | 856            | 2702           |
| Bill Rate                               |                   | \$165.00             | \$140.00       | \$130.00           | \$120.00           | \$84.00        | \$113.27       |
| Fee                                     |                   | \$6,600              | \$33,600       | \$78,520           | \$115,440          | \$71,904       | \$306,064      |
|                                         |                   |                      |                |                    |                    |                |                |
|                                         |                   |                      |                |                    |                    |                |                |
|                                         |                   |                      |                |                    |                    |                |                |
| Total Cost \$306,064.00                 |                   |                      |                |                    |                    |                |                |

## Beachwood Connector Road - Culvert Design

3-Jun-26



| Item/Task                                     | Sheets | Senior Project Manager | Senior Engineer | Design Engineer |        | Total Hours |
|-----------------------------------------------|--------|------------------------|-----------------|-----------------|--------|-------------|
| Culvert Site Plan / Layout                    |        | 2                      | 8               | 24              |        | 34          |
| General Notes / Estimated Quantities          |        | 2                      | 8               | 12              |        | 22          |
| Culvert Profile & Typical Section             |        |                        | 4               | 12              |        | 16          |
| Scour Analysis                                |        |                        | 4               | 8               |        | 12          |
| Piling Plan for Deep Foundation               |        |                        | 4               | 8               |        | 12          |
| Headwall Plan & Elevation                     |        |                        | 2               | 8               |        | 10          |
| Foundation Plan and Details Details           |        |                        | 8               | 16              |        | 24          |
| Rebar Schedules                               |        |                        | 8               | 16              |        | 24          |
| Design Analysis Calculations                  |        | 2                      | 8               | 20              |        | 30          |
| Management & QC                               |        | 16                     | 4               |                 |        | 20          |
| Misc. Comment Resolution                      |        | 4                      | 4               | 8               |        | 16          |
|                                               |        |                        |                 |                 |        | 0           |
|                                               |        |                        |                 |                 |        | 0           |
| Totals                                        | 0      | 26                     | 62              | 132             | 0      | 220         |
| Hourly Rate                                   |        | \$140.00               | \$130.00        | \$120.00        | \$0.00 |             |
| Fee                                           |        | \$3,640.00             | \$8,060.00      | \$15,840.00     | \$0.00 | \$27,540.00 |
| Direct Expenses ( mileage, misc reproduction) |        |                        |                 |                 |        | \$ -        |

|                   |           |                  |
|-------------------|-----------|------------------|
| <b>Total Cost</b> | <b>\$</b> | <b>27,540.00</b> |
|-------------------|-----------|------------------|

# Beachwood Connector Road - Retaining Walls (IF-AUTHORIZED)

3-Jun-26



| Item/Task                                             | Sheets | Senior Project Manager | Senior Engineer | Design Engineer |        | Total Hours |
|-------------------------------------------------------|--------|------------------------|-----------------|-----------------|--------|-------------|
| MSE Retaining Wall Plan & Elevation (west fill side)  |        | 2                      | 8               | 16              |        | 26          |
| Cast-in-Place Concrete Retaining Wall (east cut side) |        | 2                      | 8               | 16              |        | 26          |
| General Notes / Estimated Quantities                  |        | 2                      | 10              | 20              |        | 32          |
| MSE Wall Sections                                     |        |                        | 4               | 8               |        | 12          |
| CIP Wall - Foundation Plan and Details                |        |                        | 4               | 16              |        | 20          |
| CIP Wall - Stem Elevation Rebar Details               |        |                        | 8               | 24              |        | 32          |
| CIP Wall - Rebar Schedules                            |        |                        | 8               | 16              |        | 24          |
| Design Analysis Calculations                          |        | 4                      | 12              | 28              |        | 44          |
| Management & QC                                       |        | 16                     | 4               |                 |        | 20          |
| Misc. Comment Resolution                              |        | 4                      | 4               | 8               |        | 16          |
|                                                       |        |                        |                 |                 |        | 0           |
|                                                       |        |                        |                 |                 |        | 0           |
|                                                       |        |                        |                 |                 |        | 0           |
| Totals                                                | 0      | 30                     | 70              | 152             | 0      | 252         |
| Hourly Rate                                           |        | \$140.00               | \$130.00        | \$120.00        | \$0.00 |             |
| Fee                                                   |        | \$4,200.00             | \$9,100.00      | \$18,240.00     | \$0.00 | \$31,540.00 |
| Direct Expenses ( mileage, misc reproduction)         |        |                        |                 |                 |        | \$ -        |

|                   |                     |
|-------------------|---------------------|
| <b>Total Cost</b> | <b>\$ 31,540.00</b> |
|-------------------|---------------------|



110 Blaze Industrial Pkwy.  
Berea, Ohio 44017  
Tel: 440-234-8985  
www.geo-sci.com

May 27, 2026  
Revised June 3, 2026

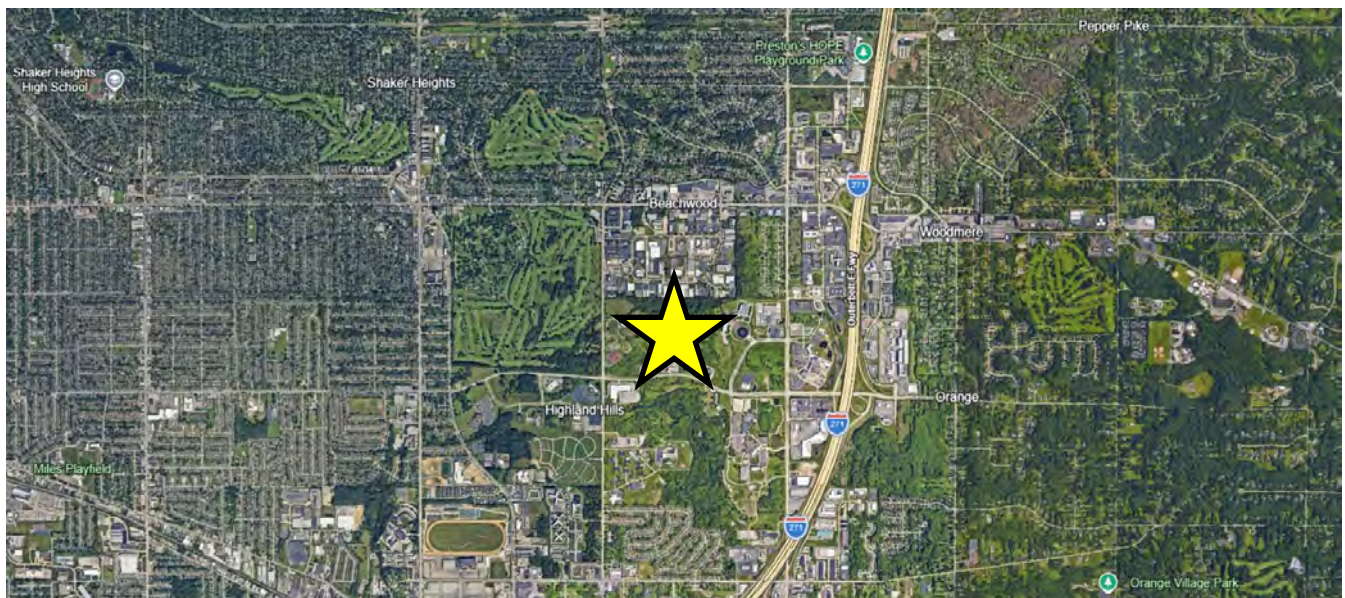
Mr. Matthew D. Glass, P.E.  
GPD Group  
520 South Main Street,  
Akron, Ohio 44311

**Re: Proposal - Geotechnical Engineering Services  
Beachwood Connector Road  
Harvard Road to Mercantile Road,  
Beachwood, Cuyahoga County, Ohio  
Geo-Sci Proposal No. G1126136**

Dear Mr. Glass:

Pursuant to your request for proposal, Geo-Sci is pleased to offer this proposal to provide geotechnical engineering services for the Beachwood Connector Road project located between Harvard Road & Mercantile Road, Beachwood, Cuyahoga County, Ohio, as shown in the aerial photograph below:

**Figure 1. Site Map**





### **Project Description**

Based upon the information provided, the project consists of a new 3-lane concrete roadway with curbs, sidewalks, street light lights, and street trees. The proposed road will connect Mercantile Road at its northern terminus to Harvard Road at its southern terminus. It was indicated that the existing building at 23456 Mercantile Road will be demolished so that there is clearance for the new access road and potentially stormwater storage. It was reported that the building to be demolished does not have a basement. It was also indicated that a second lot on the west side of the planned connector will be utilized for stormwater storage and control. It was indicated that a box culvert was planned near the south end of the project. The ditch appeared to be approximately 16 to 20 feet below existing grade. Based on our site visit on May 26, 2026, it appears that the site will be accessible to an ATV mounted drill rig *after* Geo-Sci performs necessary vegetation clearing. Geo-Sci has been asked to provide this quotation to perform soil investigation to determine the type of soil, suitability of development, and geotechnical parameters.

On May 29, 2026, it was indicated that following additional borings should be included in the scope of work:

- 2 borings for the embankment that was installed on the east side between the conservation easements
- 2 borings for the proposed culver location (included in original proposal)
- 2 borings for the spoil mounds from Cleveland Water Department

### **Scope of Work – Geotechnical**

The Scope of Work included herein is in accordance with your request.

### **Field Investigation / Drilling**

Based upon the information provided, Geo-Sci recommends a total of thirteen (13) test borings for the project. Two (2) test borings (B-01 and B-02) are planned on the west side of the existing building at 23456 Mercantile Road and will be advanced to a depth of approximately 15 feet below existing grade. Two (2) test borings (B-08 and B-09) are planned west of the proposed roadway to the north of the Chagrin Highlands Beachwood west wetlands easement (parcel A) and will be advanced to a depth of approximately 15 feet below existing grade. Two (2) test borings (B-11 and B-12) are planned to be located on either side of the planned box culvert near the south end of the project and will be advanced to a depth of approximately 30 feet below existing grade. Seven (7) test borings (B-03 through B-07, B-10, and B-13) are planned along the path of the proposed roadway and will be advanced to depths of approximately 10 feet below existing grade. Two (2) test borings (B-14 and B-15) are planned for the embankment area that was installed on the east side between the conservation easements and planned to be advanced to a depth of approximately 20 feet below existing grade. Two (2) test borings (B-16 and B-17) are planned for the spoil mounds created by Cleveland Water Department and planned to be advanced to a depth of approximately 10 feet below existing grade. The test borings shall be terminated at the indicated depths or refusal, whichever is encountered first. Samples will be collected at 2.5-foot intervals to a depth of 10 feet and at 5-foot intervals thereafter. In test borings B-11 and B-12, additional samples will be collected for scour analysis. No samples will be collected for environmental analysis. Should environmental analysis need completed, GPD Group shall contract with a firm that provides environmental services to collect samples during advancement of the geotechnical borings. Areas where borings are performed will be backfilled immediately after drilling. It was indicated that GPD Group will be responsible for marking the drilling locations in the field prior to Geo-Sci

mobilizing to the site. Should Geo-Sci personnel be required to mark drilling locations in the field, this work will be performed using visual methods for an additional cost of **\$500.00**.

Groundwater levels shall be noted during and upon completion of the drilling operations. Drilling, sampling, and standard penetration tests shall be conducted in accordance with applicable ASTM standards. Geo-Sci personnel shall notify the Ohio Utilities Protection Service and the utility companies whose names are provided to us prior to commencing the drilling operations.

Due to the presence of trees and brush, it is anticipated that a dozer or excavator will be required to clear access paths to a few of the boring locations. We have budgeted \$3,000.00 for this effort. Should this effort take more than the budgeted \$3,000.00, the additional fees will be invoiced at cost plus 10%.

### **Laboratory Testing**

The samples collected shall be transported to our laboratory and selected samples may be tested as follows:

- Visual Classification in accordance with the Unified Soil Classification System;
- Moisture Content;
- Hydrometer Analysis;
- Atterberg Limits (Liquid Limit and Plastic Limit); and
- Grain Size Analysis.

### **Report**

A Geotechnical Engineering Report shall be prepared and shall include the following:

- Laboratory test results;
- Individual typed test boring logs and test boring location plan;
- Seismic site classification;
- Box culver soil support parameters;
- Pavement design parameters including CBR and/or modulus of subgrade reaction (k-value) and pavement thicknesses (design ESALs shall be provided) recommendation; and
- Construction considerations including groundwater, compaction and site preparation recommendations.

The presence or absence of gases or chemical contamination will only consist of apparent observations during drilling and handling of samples. Odors will be noted, however, chemical analysis of the soil samples is beyond the scope of this proposal.

### **Costs**

The Geotechnical Services as described above shall be provided for a lump sum cost of **\$19,550.00** divided as follows:

- **\$9,775.00** for drilling operations, including tree clearing;
- **\$3,070.00** for lab testing; and
- **\$6,705.00** for field logging, report preparation, engineering analysis, and project management.

In the event additional borings or depths are needed due to subsurface conditions, while the rig is still on the site, it will be charged at the rate of **\$55.00 per foot only after authorization from the client.** This rate includes field, laboratory and engineering services.

Due to the presence of trees and brush, it is anticipated that a dozer or excavator will be required to clear access paths to a few of the boring locations. We have **budgeted \$3,000.00** for this effort. Should this effort take more than the budgeted \$3,000.00, the additional fees will be invoiced at cost plus 10%.

### Project Schedules

Geo-Sci can begin work within five to ten (5-10) working days upon authorization. Generally, we can provide preliminary information during and soon after completion of the drilling operations. The final report will be issued within 21 days of completion of the field work.

We trust that you will find the scope of work in this proposal in agreement with your requirements. Please inform us of your intentions so that we may plan our time accordingly. This proposal can be accepted by signing and returning a copy of the enclosed Terms and Conditions that form a part of this proposal or by issuing a purchase order or letter referencing this proposal.

We appreciate your consideration of our company for this project and look forward to being of service. Should you have any questions or if we may be of further assistance, please contact us at (440) 234-8985.

Sincerely,

**Geo-Sci, Inc.**



Jordan Bogdan, E.I.  
Field Engineer



Chett Siefring, P.E.  
Director of Engineering

## **Anticipated Boring Location Plan**





|                                                    |                                                                                     |                                                                                     |                                                                                                                                              |                                                                                                                                                                                                      |
|----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Proposed Boring Location Plan<br>Source: GPD Group |  |  | <b>Geo-Sci, Inc.</b><br>110 Blaze Industrial Parkway<br>Berea, Ohio 44017<br>Telephone: 440-234-8985<br>Fax: 440-234-8940<br>www.geo-sci.com | Project: Beachwood Connector Road<br>Harvard Rd. & Mercantile Road,<br>Beachwood, Cuyahoga County,<br>Ohio<br>Geo-Sci Proposal No: G1126136 REV_1<br>Client: GPD Group<br>Date: Revised June 3, 2026 |
|----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## TERMS AND CONDITIONS

### Fee

The total fee shall be understood to be an estimate, based upon Scope of Service, and shall not be exceeded without written approval of the Client. Reimbursable expenses invoiced with a mark-up of no greater than 10%.

### Billings / Payments

Invoices for services and reimbursable expenses shall be submitted, on a monthly basis and upon completion of the services. Invoices shall be payable within 30 days from the invoice date. A service charge of 1.5% per month will be applied to the unpaid balance after 30 days from the invoice date. Geo-Sci shall have the right to suspend/terminate services if payment is not received within 60 days after the invoice date and Geo-Sci shall have no liability for any resultant delays or damages incurred by Client as a result of such suspension/termination. Retainers shall be credited on the final invoice. The Client agrees to pay all costs of collection, including reasonable attorney's fees.

### Standard of Care

In providing services under this agreement, Geo-Sci will endeavor to perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. Geo-Sci will perform its services as expeditiously as is consistent with professional skill and care and the orderly progress of Geo-Sci's part of the Project. Regardless of any other term or condition of the Agreement, Geo-Sci makes no express or implied warranty of any sort. All warranties, including warranty of merchantability or warranty of fitness for a particular purpose, are expressly disclaimed.

### Consequential Damages

Notwithstanding any other provision to the contrary, and to the fullest extent permitted by law, neither the Client nor Geo-Sci shall be liable to the other for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or this Agreement. This mutual waiver of consequential damages shall include, but not be limited to, loss of use, loss of profit, loss of business or income or any other consequential damages that either party may have incurred from any cause of action whatsoever.

### Hazardous Materials / Mold

Geo-Sci shall have no responsibility for the discovery, presence, handling, removal, disposal or exposure of persons to hazardous materials of any form including mold. The existing or constructed building may, as a result of post-construction, use, maintenance, operation or occupation, contain or be caused to contain mold substances which can present health hazards and result in bodily injury, property damage and/or necessary remedial measures and costs for which Geo-Sci shall have no responsibility.

### Indemnifications

The Client agrees, to the fullest extent permitted by law, to indemnify and hold Geo-Sci and its subcontractors harmless from and against any and all damage, losses or cost (including reasonable attorney's fees and defense costs) caused in whole or in part by its acts, errors or omissions and those of anyone for whom they are legally liable. Geo-Sci further agrees to indemnify the Client for damages arising from its own negligent errors acts or omissions.

### Risk Allocation

In recognition of the relative risks and benefits of the project to both the Client and Geo-Sci, the Client agrees, to the fullest extent permitted by law, to limit Geo-Sci's total liability to the Client or anyone making claims through the client, for any and all damages or claim expenses (including attorney's fees) arising out of this Agreement, from any and all clauses, to the total amount of Geo-Sci's fee, or \$10,000, whichever is less.

### Termination of Services

This agreement may be terminated upon 10 days written notice by either party should the other fail to perform their obligations hereunder. In the event of termination, the Client shall pay Geo-Sci for all services rendered to the date of termination, all reimbursable expenses, and reasonable termination expenses.

### Ownership of Documents

All documents produced by Geo-Sci under this agreement, including electronic files, shall remain the property of Geo-Sci and may not be used by the Client for any other purpose without the written consent of Geo-Sci. Any such use or reuse shall be at the sole risk of Client who shall defend, indemnify and hold Geo-Sci and its sub consultants harmless from any and all claims and/or damages arising there from. Electronic files are not contract documents and cannot be relied upon as identical to contract documents because of changes or errors induced by translation, transmission, or alterations while under the control of others. Use of information contained in the electronic files is at the user's sole risk and without liability to Geo-Sci and its consultants.

### Defects in Service

The Client shall promptly report to Geo-Sci any defects or suspected defects in the Consultant's services. The Client further agrees to impose a similar notification requirement on all contractors in its Client/Contractor contract and shall require all subcontracts at any level to contain a like agreement. Failure by the Client and the Client's contractors or subcontractors to notify the Consultant shall relieve the Consultant of the costs of remedying the defects above the sum such remedy would have cost had prompt notification been given when such defects were first discovered.

### Construction Activities

Geo-Sci shall not be responsible for the acts or omissions of any person performing any of the Work or for instructions given by the Client or its representatives to any one performing any of the Work, nor for means and methods or job-site safety.

### Dispute Resolution

Any claim or dispute between the Client and Geo-Sci shall be submitted to non-binding mediation, subject to the parties agreeing to a mediator(s). If the Parties cannot agree upon a mediator, the claim or dispute shall be submitted to the American Arbitration Association (AAA) for mediation in accordance with the Construction Arbitration and Mediation Rules of the AAA then in effect. Unless otherwise specified, the laws of the State of Ohio shall govern this agreement.

### Relationship of the Parties

All services provided by Geo-Sci are for the sole use and benefit of the Client. Nothing in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Client or Geo-Sci.

Accepted by: \_\_\_\_\_

Organization: \_\_\_\_\_

Title: \_\_\_\_\_

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

June 5, 2026

Mr. Matthew Glass, P.E.  
Project Manager  
GPD Group  
520 South Main Street, Suite 2531  
Akron, Ohio 44311

**Reference: New Connector Road – City of Beachwood – Environmental Proposal**

Dear Mr. Glass:

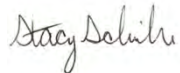
TRC Environmental Corporation (TRC) is pleased to submit this scope and fee for environmental services for the New Connector Road in the City of Beachwood. The following tasks are included, with additional information on the following pages:

- Task 1: Surface Water Delineation
- Task 2: Threatened and Endangered Species Resources Review and Consultation
- Task 3: USACE Section 404 Nationwide Permit
- Task 4: Cultural Resources Desktop Review and Phase I Archaeology
- Task 5: Soil Sampling and Testing

If you have any questions or require anything further, please do not hesitate to contact me directly at 419.701.8188 or electronically at [sschimmoeller@trccompanies.com](mailto:sschimmoeller@trccompanies.com). TRC looks forward to working with GPD and the City of Beachwood on this project.

Kind regards,

**TRC Environmental Corporation**



Stacy Schimmoeller  
Senior Project Manager



Brad Falkinburg  
Ecological Office Practice Leader

Attachments:

A – Figures

B – TRC Terms and Conditions



## New Connector Road

### PROJECT UNDERSTANDING

The City of Beachwood proposes a New Connector Road between Harvard Road and Mercantile Road in the City of Beachwood, Cuyahoga County, Ohio (Project). The area covered by this proposal, the Project Study Area, includes the proposed New Connector Road footprint (approximately 4.9 acres), an additional 50-foot buffer surrounding the footprint (approximately 5.9 acres), and the western parcel (approximately 4.9 acres) which are all shown on Figure 1 (Attachment A). The following scope of services has been prepared based on the use of state and local funding (no federal funding) and is discussed below.

### SCOPE OF SERVICES

Upon authorization from GPD and the City of Beachwood, TRC will conduct the following services.

- **TASK 1: Surface Water Delineation**

A Surface Water Delineation will document the location and extent of wetlands, streams, and waterways within the Project Study Area. The delineation will be comprised of two tasks: 1) an off-site desktop review of publicly available online databases, including but not limited to the National Wetlands Inventory (NWI) Mapper, U.S. Geological Service (USGS) topographic map, 3D Hydrography Program (3DHP), Natural Resource Conservation Service (NRCS) soil map, the Federal Emergency Management Agency (FEMA) online service center and historic aerial photographs; and 2) an on-site field investigation for wetlands, streams, and waterways.

During the field investigation, wetland areas will be delineated in accordance with the 1987 United States Army Corps of Engineers (USACE) Wetland Delineation Manual (Environmental Laboratory, 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0). The delineation technique uses a multi-parameter approach, which requires positive evidence of three parameters: wetland hydrology, hydric soils and hydrophytic vegetation.

TRC will walk the Project Study Area and take sample points in all locations where potential wetlands are observed, based on the evidence of hydrology, hydric soils, and presence of hydrophytic vegetation. TRC will use a handheld sub-meter Global Positioning System unit to map the wetland/upland boundary of each wetland and boundary of each waterway observed. In addition, TRC will prepare the Ohio Environmental Protection Agency (OEPA) 10-page Ohio Rapid Assessment Method (ORAM) forms for functional assessments of wetlands and Headwater Habitat Evaluation Index (HHEI) or Qualitative Habitat Evaluation Index (QHEI) stream assessment forms for each stream observed. Wetlands will be delineated and mapped based on the Cowardin classification system (i.e., PEM, PSS, PFO), with boundary lines between community types such that there will not be combined wetland classifications (e.g., PEM/PSS) and each community type will have at least one data point. The Ordinary High Water Mark (OHWM) of the stream will be staked with wooden lath so that it can be surveyed in by others within approximately 3 months. TRC will also identify, photograph, and GPS map erosional areas, ponds, ditches, culverts, and storm water features that could be a concern during construction.

TRC will take representative photographs of wetlands and waterways observed and record pertinent data for each, such as estimated bank height, bank-to-bank width, channel/ordinary high water mark (OHWM) width, substrates, depth of water, flow regime, and other data required per the ORAM, HHEI, and QHEI forms. Dominant vegetation within riparian zones



along streams will also be recorded. Photographs will include a minimum of four photos for each wetland data point (N, S, E, and W); two photos for each upland data point; three photos for each stream reach (upstream, downstream, and substrate); and photos for each road/stream crossing (when known). Waterbodies with less than 6 feet between the left and right OHWM will be mapped using only the centerline. TRC will also delineate the boundaries of other surface waters (i.e., lakes or ponds) identified within the Project Study Area.

A Surface Water Delineation report will be prepared to document the location and extent of wetlands, streams, and/or waterways. The report will include a narrative on methods and results, delineated features table, and wetland determination data forms for each wetland and upland point. The 1987 USACE Wetland Delineation Manual (Environmental Laboratory, 1987) requires that delineations be completed within the growing season, which is typically early April to November in northeast Ohio but may vary. If the wetland delineation is performed outside of the growing season, the USACE or OEPA can require additional site visits during the growing season to confirm wetland boundaries, the 10-page ORAM forms for each delineated wetland, HHEI/QHEI for each delineated stream, site photographs, Project mapping, as well as a wetland, stream, and waterway delineation map.

#### Deliverables

- Final Surface Water Delineation Reports in PDF format.
- GIS shapefiles of delineated features.

#### Task 1 Cost Assumptions

- The Project Study Area includes approximately 15.7 acres consisting of the proposed New Connector Road footprint (4.9 acres), an additional 50-foot buffer surrounding the footprint (5.9 acres), and the western parcel (4.9 acres) which are all shown on the attached map (Figure 1) in Cuyahoga County, Ohio.
  - o Additional areas added later are outside the scope of this proposal and may require additional mobilization(s) and/or field survey time that can be covered under a separate change order.
- The USACE and OEPA can require additional site visits during the growing season to verify wetland conditions. One mobilization for one biologist to meet the USACE onsite is included.
  - o Additional field work required by USACE or OEPA for delineations outside of the growing season are not included in this scope.
- Physical flagging of delineated wetland and waterway boundaries will be completed. The boundaries will be GPS mapped and presented in the report. An electronic file of the delineated wetland and waterway boundaries will be provided to GPD and the City of Beachwood.
- The OHWM of the stream will be staked with wooden lath so that it can be surveyed in by others within approximately 3 months after TRC staking.
- Changes to the Project Study Area after Project initiation will require a change order to update all applicable desktop or field reviews and reporting.
- TRC will have timely, complete, and unobstructed access for the Project duration.
- TRC's boundary determination and preliminary wetland categorization will be used by the USACE and OEPA as a guide only, and the agencies will make the final decisions regarding wetland boundary and categorizations.
- No delays beyond TRC's control will be encountered in performing the scope of services such as unforeseen travel circumstances, inclement weather, lack of permission to access area(s) and conditions deemed unsafe by TRC personnel, etc.

## ▪ **TASK 2: Threatened & Endangered Species Resources Review & Consultation**

In support of the Project, TRC will review publicly available databases to identify any known threatened or endangered species on or near the Project area. Endangered, threatened, and rare/special concern wildlife/plant species are under the jurisdiction of two regulatory agencies in Ohio: the Ohio Department of Natural Resources (ODNR) and the United States Fish and Wildlife Service (USFWS). Potential impacts to protected wildlife and plant species are identified by coordinating with these agencies prior to Project development. Additionally, while on-site conducting the Surface Water Delineation, TRC will confirm to the extent possible, the location and additional data needed for suitable habitat for rare, threatened, and endangered species (RTE).

### **Ohio Department of Natural Resources**

The ODNR – Division of Wildlife (DOW) offers several resources and levels of review to assist in the assessment of a Project's impacts to state listed species and other sensitive resources. For the proposed Project, TRC will draft a coordination letter requesting the ODNR-DOW complete an inter-disciplinary Environmental Review (ER) within one-fourth mile of the Project Study Area and provide comments related to their divisional programs and statutory authorities. The ER will consider the habitats that are within and adjacent to the Project, and the ODNR – DOW will provide recommendations and guidance on how to minimize and/or avoid impacts to RTE wildlife species. Additionally, TRC will prepare a desktop hibernaculum assessment report, if requested by ODNR, for their concurrence.

Coordination letters that are prepared through the ODNR's ER are completed under the authority of the National Environmental Policy Act (NEPA), the Endangered Species Act, the Fish and Wildlife Coordination Act (FWCA), the Clean Water Act (CWA), the Coastal Zone Management Area (CZMA), and other applicable laws and regulations. The ODNR-DOW requires 30-45 days to complete the review and for a coordination letter to be returned.

### **U.S. Fish and Wildlife Service**

In support of the Project, TRC will submit one Technical Assistance request letter to the U.S. Fish and Wildlife Service (USFWS) to request information about known occurrences of state- and federally-listed threatened, endangered, and candidate species within the Study Area and its vicinity. TRC will utilize the USFWS Information, Planning and Consultation (IPaC) tool to identify federal USFWS trust resources (such as threatened or endangered species proposed or listed under the Endangered Species Act, critical habitat, or migratory birds), which will be included in the Technical Assistance request letter submittal.

### **USFWS Coordination Deliverables**

- TRC will submit for a formal IPaC from the USFWS requesting information on RTE species, or their habitats that may be impacted by the proposed Project. Then TRC will submit a Technical Assistance request to the USFWS.

### **ODNR Coordination Deliverables**

- TRC will draft the ODNR coordination letter addressed from TRC and will include a cover letter with detailed descriptions of the proposed work, including Project Study Area location (i.e., township, county and latitude/longitude); proposed work activities; on-site habitats; proposed impacts (i.e., in-stream water activities or necessary tree clearing); proposed BMPs (i.e., placement of native seed in disturbed areas); Project Study Area mapping (i.e., USGS topographic and aerial mapping) of the Project Study Area; representative photographs of the project site; and shapefiles of the project

boundaries.

#### Task 2 Cost Assumptions

- The consultation with the ODNR and USFWS will result in no species-specific surveys; however, if any species-specific surveys or special measures are necessary, TRC will coordinate with GPD and the City of Beachwood about a change order, prior to any additional services.
- Observations of potential habitat for protected species within the Project Study Area will occur in conjunction with the Surface Waterway Delineation mobilization.
- If RTE species or suitable habitat are found within the Project Study Area, avoidance and impact minimization measures can be applied to avoid adverse impacts to the listed species.
- All Project associated tree clearing will adhere to USFWS seasonal bat restrictions on tree cutting (October 1 through March 31). If tree clearing is needed outside of this window, species-specific surveys will likely be required and are outside of this scope of work.

#### ▪ **TASK 3: USACE Section 404 Nationwide Permit**

Waterway permits are required for impacts to waters, including wetlands and waterways. Potential impacts will be determined once site plans are developed for the Project. In review of the anticipated Project Study Area, there appear to be at least three jurisdictional features (i.e., wetlands, streams, ditches, etc.) located within the Project Study Area. If jurisdictional features are present and they cannot be avoided, the Project would likely need a Clean Water Act (CWA) Section 404 nationwide permit (NWP) with a Pre-construction Notification (PCN).

Based on the project being roadway construction, it is assumed that a NWP 14 Linear Transportation with a PCN will be needed (with the Section 401 Water Quality granted). If a PCN is not required, TRC will prepare a waterway permitting compliance letter explaining the Project's waterway permitting and why a PCN is not required to the USACE. Under certain circumstances, a PCN to the Ohio EPA may be required and depends on impact amounts and quality of resources. TRC will submit the PCN to the Ohio EPA if required. Once the design is at Stage 2 or a minimum of 70%, TRC will prepare a complete NWP PCN application which will include all necessary forms, supplemental text, and tables necessary to obtain the permits including the following:

- GPD will generate the following figures or plan sheets as necessary to include in the application based on the site plan and design:
  - Figures or plan sheets that include plan and profile view of the proposed resources impacted and the necessary detail and dimensions of impact to clearly communicate to the USACE the OHWM of each stream, location of water resources, and number of impacts.
- Resource impact tables that will quantify the impacts of the proposed development.
- Prepare and submit the NWP PCN (permit application) to the USACE through the Regulatory Request System.
- Correspond with the USACE through the review and issuance process. TRC will make one round of modifications to the application as requested by USACE (if necessary).
- Review the permit conditions provided by USACE and provide comments to GPD and the City of Beachwood.
- Provide periodic updates to GPD and the City of Beachwood, via conference calls or email, regarding the status of the NWP PCN review by the USACE.

Based on the proximity of the existing Western Reserve Land Conservancy (WRLC) conservation easements within the 50-foot buffer around the roadway as well as east and west of the Proposed Study Area, 6 hours have been included in this proposal for conservation easements coordination.

#### Deliverables

- NWP PCN (permit application package).

#### Task 3 Cost Assumptions

- The proposed Project will be in compliance with NWP 14 Linear Transportation Projects. If a PCN is not required to the USACE, TRC will prepare a waterway permitting compliance letter explaining the Project's waterway permitting and why a PCN is not required. If required, TRC will file a PCN with the Ohio EPA.
- One combined USACE and OEPA onsite pre-application meeting and one round of PCN updates based on agency comments are included.
- This Project will not include wetland, stream, waterway, or RTE mitigation.
- GPD will provide site plans with a sufficient level of detail to satisfy the USACE including OHWM, location, and labels for waters.
- GPD will make reasonable efforts to avoid and minimize wetland and waterway impacts to the fullest extent practicable.
- All Project impacts will meet the OEPA's Section 401 conditions for a NWP. This proposal does not include Individual OEPA Section 401 WQC Permitting, Individual Section 404 Permitting, or OEPA Isolated Wetland Permitting

#### ■ **TASK 4: Cultural Resources Desktop Review and Phase I Archaeology**

The USACE permitting rules require the USACE to prepare a National Environmental Policy Act (NEPA) document prior to issuance of a permit. Therefore, TRC recommends a literature and archives review to develop a Cultural Resources Desktop analysis of the proposed project. The cultural resources desktop analysis will summarize the previously recorded cultural resources that are located within and adjacent to the proposed project and recommend mitigation efforts to avoid adverse impacts to known National Register of Historic Places (NRHP) listed cultural resources, if present. The desktop analysis will utilize a one-mile search radius for archaeological research and a five (5)-mile radius for above-ground historic resources. TRC will review the site records identified in the OHC online search and will complete the review of the following additional data sources:

- NRHP
- OHC Online Mapping System
- Ohio Historic Inventory (OHI)
- Ohio Archaeological Inventory (OAI)
- Ohio Genealogical Society (OGS) Cemetery Data
- Historical Photography
- Historic Maps and Atlases
- County Histories

Based on the project location and to assist with development of a scope of work, TRC conducted a brief review of the Ohio History Connection (OHC) Online Mapping System. That identified a potential archaeological site over the lower two thirds of the Project Study Area. Based on this information, it is considered likely that additional cultural resources fieldwork will be required for the site and in order to promptly advance the Project, a Phase I



Archaeological Study is recommended. This report will include the Cultural Resources Desktop Analysis discussed above.

A Phase I Archaeological Survey of approximately 2,540 linear feet (ft) by 190 ft roadway alignment and buffer totaling approximately 10.8 acres (ac) and the western parcel of approximately 4.9 ac of the Area of Potential Effect (APE) provided by GPD/City of Beachwood. The Phase I Archaeological Survey will involve the excavation of Shovel Test Pits (STPs) as it is assumed the entire Project Study Area will have a surface soil visibility of less than 50 percent.

Each STP will measure 50 x 50-centimeters (cm) and will be excavated to culturally sterile subsoil horizons along 15-m [approximately 50 ft] intervals. It is assumed that the whole Project Study Area will be within high potential areas based on the results of the OHC mapping system review, moderately well drained to somewhat poorly drained soils, and distance to water. Therefore, it is assumed a maximum of 180 STPs at high potential intervals will be excavated.

Excavated soils will be screened through ¼ inch hardware cloth. If cultural materials are identified in an isolated STP, supplemental tests (radials) will be excavated in the four cardinal directions around the original positive STP to determine if the recovered artifact(s) continue beyond that location and to ensure against isolated finds. The radials will be placed at 5 m (16 ft) intervals between the positive STPs. All archaeological investigation STPs will be backfilled to original grade. Where feasible, STPs will be excavated by stratigraphic level, and recovered artifacts will be collected separately by provenience.

A description of the STPs will be recorded in the field, including the location of the STP within the Project Study Area, and information pertaining to the local terrain. Information about the color, texture, composition, and thickness of soil strata will be recorded, and the presence or absence of cultural materials and/or features will be indicated. Photographs will be taken to document field conditions, observations, and field techniques.

All field data, including surface find locations, photographs, landscape features, and STPs, will be recorded using the ESRI ArcGIS Field Maps app on a tablet combined with a sub-meter hand-held GPS receiver geode.

#### Deliverables

- One digital Phase I Archaeological Survey Report, including a Cultural Resources Desktop Analysis with a resource mapping, and results of the research.

#### Task 4 Cost Assumptions:

- Subsurface testing is based on the APE provided by the City of Beachwood totaling approximately 15.7 ac (Figure 1) as testable via a maximum of 180 STPs.
- TRC assumes that one archaeological resource will be identified during the archaeological fieldwork. If more than one archaeological resource is identified, a supplemental scope and cost will be provided to GPD.
- It is assumed that a maximum of 50 artifacts requiring processing and analysis will be recovered during the investigations.
- The survey will be conducted under the overall guidance of the Principal Investigator with a crew consisting of an Archaeological Field Director and a field technician.
- To ensure against isolated finds, supplemental tests (radials) will be excavated in the

four cardinal directions around the original positive STP to determine if the recovered artifact(s) continue beyond that location. TRC assumes eight additional STPs will be hand-excavated for a single positive shovel test.

- One consolidated set of comments/revisions of the report will be received from the Client.
- A Historic Architectural Survey, deep testing, Phase II site evaluation, Phase III mitigation, or geomorphological investigations are not included in this scope of services. If any of these studies are required, a change order would be needed.
- No architectural survey and report have been completed; however, if needed this task can be completed with a change order.

#### ■ **TASK 5: Soil Sampling and Testing**

Under this task, TRC will complete sampling of dumped soils at the two locations discussed during the site visit with GPD and the City of Beachwood on May 29, 2026 and as shown on Figure 1. The following activities are anticipated:

- TRC will document the sampling locations through photographs and field notes.
- Up to 10 composited soil samples will be obtained from each location for up to 20 total samples.
- Based on the depths of fill (20 to 30 feet), the sampling will be conducted with a direct push technology (DPT) drilling rig. The use of the drilling rig will necessitate the location of public and private utilities prior to drilling. TRC will submit the request for the locations to be marked.
- The sampling equipment will be decontaminated prior to arrival on site and between stockpiles.
- The samples will be placed in the appropriate laboratory-provided sampleware (based on analysis) and placed in coolers with ice for transport to the laboratory under chain of custody protocols.

It is expected that each sample will be analyzed to evaluate its suitability for reuse and disposal (waste characterization), as follows:

Reuse:

- Volatile Organic Compounds (VOCs) by Method 8260
  - Semi-VOCs by Method 8270
  - Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics (GRO)/Diesel Range Organics (DRO)/Oil Range Organics (ORO).
  - RCRA 8 metals
- Disposal (Waste Characterization)
- Hazardous waste characterization including TCLP, ignitability, corrosivity, and reactivity excluding pesticides and herbicides.

After the results have been received, TRC will prepare a letter report that summarizes the sampling, laboratory analysis, and analytical results. The letter report will include field notes and photographs, the chain of custody documentation, and laboratory analytical report(s).

#### Task 5 Assumptions:

- TRC proposes using Eurofins in Barberton, Ohio, for laboratory analysis, as samples can be dropped off or couriered directly to their laboratory.
- All laboratory analysis will be processed using the standard turnaround time (5 business days for \$850 per sample).
- Email will be used for submittals throughout this project, and no hard copies of any

reports will be provided.

### GENERAL PROJECT ASSUMPTIONS

Services for the above referenced tasks will be performed under the general Project assumptions listed below:

- Email or another electronic method will be used for submittals throughout this Project and no hard copies will be provided.
- A Health and Safety Plan will be developed based on TRC guidelines, as well as a kickoff safety meeting and daily safety meetings for all field work. Time for this is included.
- If revised protocol or manuals are issued after authorization to proceed, a proposal modification will be prepared for any significant changes.
- Project management is included in each task and includes general oversight for the proposed tasks including communications concerning timing and schedules with GPD, the City of Beachwood (as required by GPD), and the TRC team, coordination, invoicing each month for 18 months, monitoring of the schedules and budget, tracking Project progress, and other related activities throughout the anticipated task order schedule.
  - o Four one-hour Project meetings are included.
- Should the schedule be changed, or Project be put on “hold” by GPD or the City of Beachwood, all costs incurred by TRC up to the notification of change of schedule or “hold” status will be billed and a proposal modification will be prepared.
- Our fee proposal and schedule do not anticipate delays beyond TRC’s control that will be encountered in performing the scope of services.

### ITEMS PROVIDED BY GPD OR THE CITY OF BEACHWOOD

In order to complete this work, the following information needs to be provided by GPD or the City of Beachwood:

- Shapefile of the of the Project construction limits.
- Stage 2 or a minimum of 70% design plans including plan sheets showing the location of water resources with labels for each, plan and profile view of the proposed resources impacted, dimensions of impact for each water resource, and the OHWM of each stream.

### PROJECT SCHEDULE

Services will be performed and submitted to GPD to make every effort to allow construction in spring 2027. Please note that agency review times are fluid, may affect project timing, and are not controlled by TRC.

### PROJECT COSTS

The estimated cost to complete the Scope of Services is:

- \$21,200 Task 1: Surface Wate Delineation
- \$ 3,900 Task 2: Threatened & Endangered Species Resources Review & Consultation
- \$14,400 Task 3: USACE Section 404 Nationwide Permit
- \$31,200 Task 4: Cultural Resources Desktop Review and Phase I Archaeology
- \$36,500 Task 5: Soil Sampling and Testing
  - o Total: \$107,800

### ACCEPTANCE OF TRC PROPOSAL

The signature below, by a duly authorized representative of GPD Group indicates acceptance of the

above referenced proposal and all attachments including the TRC labor rate schedule and terms and conditions without exception.

Approved and accepted as of the date shown below.

**TRC ENVIRONMENTAL CORPORATION**

By:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Brad M. Falkinburg

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Office Practice Leader

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**GPD Group**

By:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



**ATTACHMENT A**  
**FIGURE**



**ATTACHMENT B**  
**TERMS AND CONDITIONS**





## TERMS AND CONDITIONS

These Terms and Conditions are incorporated into the proposal to which these Terms and Conditions are attached (the “**Proposal**”). The term “**TRC**” herein shall mean the entity submitting the proposal. The term “**Client**” herein shall mean the person or entity for whom the Work will be performed. Sometimes herein **Client** and **TRC** are referred to individually as a “**Party**” and collectively as the “**Parties**.” As used herein, the term “**Affiliate**” means any direct or indirect, current or future, subsidiary of a Party, or any other entity which is controlled by a Party, or which controls a Party directly or through one or more intermediary. The term “**control**” as used in the prior sentence means possession, directly or indirectly, of at least fifty percent (50%) of the voting equity of another entity (or other comparable interest for an entity other than a corporation), or the power to direct or cause the direction of the management or policies of an entity, whether through ownership of securities, by contract, or otherwise.

### ARTICLE 1. WORK, AGREEMENT DOCUMENTS, AND PROJECT INFORMATION

- 1.1 Work, Deliverables, Materials. TRC will perform the consulting, engineering, and/or other professional services (the “**Work**”), provide the Deliverables (defined below in Section 12.1), and/or procure the materials and/or equipment (“**Materials**”), as set forth in detail in the Proposal.
- 1.2 Agreement Documents. These Terms and Conditions, along with any Change Orders (defined below) and the Standard Invoice Formats attached hereto, together with the Proposal, form the Agreement pursuant to which TRC will perform. If Client issues a purchase order or similar document authorizing the Work (“**Client Authorization**”), such Client Authorization shall be incorporated into the Agreement, provided any pre-printed terms included in any Client Authorization shall be of no effect and are expressly excluded from this Agreement.
- 1.3 Interpretation. In the event of any conflict or inconsistency between or among any of the Agreement Documents, these Terms and Conditions shall take precedence, followed by the Proposal, unless expressly stated otherwise herein or in the Proposal. In the event of any conflict or inconsistency between or among the terms or conditions established in a Change Order or amendment and the Agreement, the terms of such Change Order or amendment will take precedence over those of the Agreement. No other terms or conditions shall be applicable to the Work.
- 1.4 Defined Terms. Some capitalized terms used in the Agreement may be defined in the Proposal. Any term defined in the Proposal will have the same meaning throughout the Agreement, and any term defined in the Agreement will have the same meaning in the Proposal. As used herein, the term “day” means “calendar day.”

### ARTICLE 2. COMPENSATION AND INVOICING

- 2.1 Compensation. Client shall pay the Contract Price set forth in the Proposal.
- 2.2 Invoicing. TRC will bill for its Work, and Client shall compensate TRC, as provided in the Proposal. TRC will submit monthly invoices for Work rendered and expenses incurred in the prior month.
  - (a) Time and Expense or Time and Materials. Any Work performed on a time and expense or time and materials (“**T&M**”) basis will be invoiced as follows:
    - (i) Rates shall be as set forth in the Proposal. Rates are subject to increase on an annual basis.
    - (ii) TRC will keep accurate and daily records of all labor, equipment, and materials furnished. TRC will summarize daily records on a weekly and/or monthly basis and will submit for review upon Client’s written request.
    - (iii) Reimbursable Expenses:
      - Project Expenses. Expenses reasonably incurred in connection with the Work will be invoiced at 0% of Labor (includes in-house reproduction, office materials, telecommunications, standard software, postage, computer expenses, and field expendables).
      - Insurance. A charge of 0% will be applied to all invoiced amounts for the cost of TRC’s insurance coverage.
      - Subcontractors. A fee of 15% will be added to the invoice cost of subcontracts managed by TRC.
      - Client Requested Expenses. Outside services such as, but not limited to, outside reprographic services, materials, and equipment, will be invoiced at cost plus 15%.
      - Mileage. Personal automobile travel from portal to portal or between locations will be charged at current IRS mileage rates per mile.
      - Transportation Expenses. Airfare, car rental, taxi, parking, tolls, and incidental expenses will be invoiced at cost plus 15%, with receipts provided for any expense over \$25.00.
      - Lodging and Meals. Lodging and meals will be charged either:
        - at cost plus 15%, with receipts provided for any expense over \$25.00, or
        - on a per diem basis, using the GSA per diem rates found here: <https://www.gsa.gov/travel/plan-book/per-diem-rates>. When lodging and meals are charged on a per diem basis, a flat per diem rate will be charged and receipts will not be provided for actual lodging and meal expenses.
    - (iv) Unless otherwise stated, the Contract Price does not include any present or future federal, state, or local property, license, privilege, sales, use, excise, gross receipts or other like taxes or assessments which may be applicable to, measured by, imposed upon, or resulting from the performance of the Work.
  - (b) Lump Sum or Unit Prices. If Work is performed on a lump sum or unit price basis, TRC will invoice on the schedule provided for in the Proposal or, if no invoicing schedule is included in the Proposal, based on percentage of completion of Work or number of units completed, as applicable.
  - (c) Invoice Format. Invoices for Work performed on a T&M basis will follow the format in Exhibit (1) attached hereto, and invoices for Work performed on a lump sum basis will follow the format in Exhibit (2) attached hereto.





(d) Disputed Invoices. If Client objects to all or any portion of an invoice, it must notify TRC in writing detailing the nature of the objection within seven (7) days from the date of receipt of the invoice, and must pay any undisputed portion of the invoice as provided in Section 2.3 below. The Parties will confer immediately after Client advises of a dispute and the Parties will make every effort to immediately resolve the disputed portion of the invoice. If the Parties fail to reach agreement at the project level on a disputed invoice within thirty (30) days of the date of the invoice, either Party has the option of proceeding in accordance with Article 15, Dispute Resolution.

2.3 Payment Terms. Except as provided in Section 2.2(c) above, Client must pay all invoices as set forth in the remittance instructions in Section 16.12 below no later than thirty (30) days after the date of the invoice.

2.4 Failure to Pay. Except as provided in Section 2.2(c) above, interest will accrue on all delinquent payments at the rate of 1.5% per month, or the highest rate permissible under applicable law, whichever is less, starting on the 31<sup>st</sup> day after the date of an invoice. Additionally, if Client does not pay TRC within forty-five (45) days of the date of an invoice, then, upon seven (7) days' written notice to Client, TRC may suspend performance of the Work and any Deliverables until it receives payment of the amount owing. Additionally, Client will reimburse TRC for all reasonable costs incurred by TRC in collecting any overdue payments and related interest, including, without limitation, reasonable attorneys' fees, other legal costs, court costs, and collection agency fees.

2.5 Records/Audit. TRC will keep complete and accurate records in accordance with generally accepted accounting practices with respect to all amounts invoiced by TRC under this Agreement. TRC will keep such records pertaining to each invoice for two (2) years after the date of the invoice. If an audit is commenced within such two (2) year period, Client must provide TRC with advance written notice of the audit, such audit may only be performed during normal business hours, and such audit shall not extend to TRC's overhead, markups, profit/loss information, fixed rates, unit prices, prices expressed as percentages, efficiency in performing Work, or any trade secrets.

### ARTICLE 3. TIME FOR PERFORMANCE

3.1 Time for Performance. TRC will use commercially reasonable efforts to perform the Work within the Contract Time stated in the Proposal to the extent consistent with the terms of this Agreement, the Standard of Care defined below, and the orderly progress of the Work.

3.2 Completion. TRC's Work will be considered complete at the earlier of: (i) the date when TRC's Deliverables are reasonably accepted by Client; or (ii) thirty (30) days after the date when the last of TRC's Deliverables are submitted for final acceptance if Client does not notify TRC in writing within such 30-day period that the Deliverables fail to conform to the requirements of the Agreement.

### ARTICLE 4. ADDITIONAL AND CHANGED WORK, DELAYS

4.1 Work Added or Changed by Client. Client shall provide TRC with an equitable adjustment in compensation and time for performance for any Work added or changed by Client. Any changes or additions to the Work shall be set forth in a written document signed by both Parties ("**Change Order**"). TRC has no obligation to proceed with changed or additional work until the Parties execute a Change Order.

4.2 Force Majeure Events. No Party will be liable or responsible to the other Party, nor be deemed to have defaulted under this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement (except for any obligations to make payments to the other Party hereunder), to the extent such failure or delay is caused by a Force Majeure Event. The term "**Force Majeure Event**" means any event which: (a) is not within the reasonable control of the affected Party; and (b) causes the affected Party to be delayed in performance of, or unable to perform, its obligations under this Agreement. Subject to the foregoing, Force Majeure Events include, but are not limited to: drought; fire; flood; extreme weather conditions; earthquake; lightning; epidemic; war (whether declared or undeclared); acts of terrorism, or damage resulting therefrom; acts of God or the public enemy; explosion; rebellion; riot; civil disturbance; sabotage; vandalism; actions of third parties; actions of a court or other governmental entity; actions of, or failure to act by, regulatory agencies; strikes or other concerted acts of workers; accidents in shipping or transportation; and the closing or congestion (beyond reasonably foreseeable levels) in any harbor, dock, port, canal, or other adjunct of the shipping or navigation of or within any place; or pandemic, epidemic, or governmental activity in response to such pandemic or epidemic that impacts a Party's ability to perform. The Party affected by a Force Majeure Event: (i) must promptly notify the other Party by email; (ii) is relieved from fulfilling its contractual obligations during the continuance of the Force Majeure Event to the extent the inability to perform is caused by the Force Majeure Event; (iii) as soon as reasonably possible after the Force Majeure, must fulfill or resume fulfilling its obligations hereunder; (iv) must promptly notify the other Party by email of the cessation or partial cessation of the Force Majeure Event; and (v) will be entitled to equitable compensation and an equitable adjustment of the Contract Time to neutralize the effect of the Force Majeure Event. Within a reasonable time after cessation of the Force Majeure Event, any Party claiming additional time and/or compensation must provide the other Party with supporting information to substantiate its position. If the Parties fail to reach agreement at the project level on an amendment or a Change Order within thirty (30) days of the submission of supporting information, either Party has the option of proceeding in accordance with Article 15, Dispute Resolution.

4.3 Impacts to the Work. TRC will be entitled to equitable compensation for, and an equitable adjustment of the Contract Time, to the extent the Work is impacted by any additional or changed Work as a result of any actions or circumstances not the fault of TRC, including, but not limited to: a failure of Client to perform or cause performance of its obligations in accordance with the Agreement, including, but not limited to, failure to provide necessary access or Information (defined below); failure to provide necessary comments in connection with the development of any Deliverables (defined below); interference with or delay of any Work caused by Client, or other party for whom Client is responsible; any error, omission, or ambiguity in Information; changes in site conditions; delays in obtaining, or the absence, suspension, termination, or failure of renewal of, any permit, license, or governmental authorization; and encountering any unforeseen conditions.

4.4 Notice of Impacts to the Work. Whenever TRC discovers an event or a condition has impacted its Work so as to constitute a basis for a change in compensation or schedule, TRC will notify Client by email promptly after discovery of the event or condition, advising Client of the nature of the impact and requesting a Change Order. Within a reasonable time thereafter, TRC will provide Client supporting information to substantiate TRC's position. If the Parties fail to reach agreement at the project level on a Change Order request within thirty (30) days of TRC's submission of supporting information, either Party has the option of proceeding in accordance with Article 15, Dispute Resolution.

- 4.5 Delays by TRC. If the Work is not progressing in accordance with the project schedule due to TRC's fault, TRC will take appropriate corrective measures to recover the schedule at TRC's expense, to the extent the delays are caused by TRC's fault.
- 4.6 Litigation Services. At the request of Client, TRC will provide testimony and other evidence in any litigation, hearings, or proceedings to which Client is or becomes a party in connection with the Work performed under this Agreement, provided that, to the extent allowable by law, Client agrees to compensate TRC at its then-current rates for its time and expenses (as provided in Exhibit B hereto) in connection with such evidence or testimony. If TRC is compelled by legal process to provide testimony or produce documents or other evidence in connection with Work performed, TRC agrees to contact Client and cooperate with Client and Client's counsel, and Client agrees, to the extent allowable by law, to compensate TRC at its then-current rates for its time and expenses (as provided in Exhibit B hereto) in connection with any testimony or evidence production.

#### ARTICLE 5. CLIENT'S RESPONSIBILITIES

- 5.1 Client Information. Client will furnish to TRC all existing studies, reports, surveys, inspections, Project Site evaluations, data, and other information available or that becomes available to Client and pertinent to TRC's performance of the Work ("**Information**"), authorize TRC to obtain additional Information as required; and furnish the services of others where necessary for the performance of the Work. TRC will be entitled to use and rely on the completeness and accuracy of all such Information.
- 5.2 Access. Where necessary for performance of the Work, Client will arrange for TRC access to any site or property.
- 5.3 Subsurface Investigations. If the Work involves subsurface investigation, excavation, or drilling, Client must provide TRC with assistance in locating underground structures or utilities in the vicinity of any such activities. If despite commercially appropriate practices neither Client nor TRC can confirm the location of such underground structures or utilities, Client agrees that TRC is not responsible for any costs associated with, and accepts all liability and costs associated with, the repair, replacement, or restoration of any damage caused by the performance of the Work.
- 5.4 Communication. Client will designate an authorized representative who will be responsible for communications and consultation with TRC and who will have the authority to make decisions necessary for TRC to perform its Work.

#### ARTICLE 6. TRC'S OBLIGATIONS AND WARRANTY

- 6.1 Standard of Care. TRC will perform the Work consistent with the professional skill and care ordinarily provided by the same type of professional, for a project of similar size, scope, and complexity during the time which the Work is provided, and in a similar locality, under similar circumstances ("**Standard of Care**").
- 6.2 Warranty for Materials. In the event TRC procures Materials pursuant to this Agreement, TRC warrants to Client that the Materials will be new and free of defects in workmanship ("**Warranty**").
- 6.3 Remedies. If TRC's Work fails to meet the Standard of Care ("**Nonconforming Work**"), or if any Materials fail to meet the Warranty ("**Defective Materials**"), and if Client provides written notice to TRC of such failure no later than one (1) year after completion of the Work ("**Correction Period**"), at TRC's option TRC will within a reasonable time after receipt of written notice: (a) re-perform the Non-conforming Work; (b) repair or replace the Defective Materials; or (c) refund the amount of compensation paid to TRC for such Non-conforming Work and/or Defective Materials. Client will provide TRC access to the Project Site so TRC can perform its obligations under this Section 6.3.
- 6.4 Warranty Limitation. THE STANDARD OF CARE IS NOT A WARRANTY OR GUARANTEE, AND TRC HAS NO SUCH OBLIGATION, EXPRESS OR IMPLIED, WITH RESPECT TO PROFESSIONAL SERVICES. NOTHING IN THIS AGREEMENT WILL BE INTERPRETED TO REQUIRE TRC TO PERFORM PROFESSIONAL SERVICES TO ANY HIGHER STANDARD OR HAVE ANY OBLIGATION IN THE PERFORMANCE OF PROFESSIONAL SERVICES IN EXCESS OF WHAT IS REQUIRED BY THE STANDARD OF CARE, AND THIS SECTION WILL CONTROL OVER ANY CONTRARY PROVISION. OTHER THAN THE EXPRESS WARRANTIES CONTAINED HEREIN, TRC DISCLAIMS ALL WARRANTIES, WHETHER STATUTORY, EXPRESS, OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE IN TRADE. SUBJECT TO TRC'S LIABILITY UNDER SECTION 9.2, CLIENT'S EXCLUSIVE REMEDIES AND TRC'S ONLY OBLIGATIONS ARISING OUT OF A CLAIM FOR NONCONFORMING WORK AND/OR DEFECTIVE MATERIALS FOLLOWING SUBSTANTIAL COMPLETION OF THE WORK WILL BE THOSE STATED IN THIS ARTICLE 6.
- 6.5 Licenses. TRC will obtain in TRC's name the known licenses, permits, or other approvals from any governmental agency or regulatory body that are necessary for TRC to perform the Work.
- 6.6 Resources. TRC will obtain all tools, equipment, materials, software, and licenses that are necessary for TRC to perform the Work.
- 6.7 Employees. TRC will employ, discharge, pay, control, and direct its employees. TRC will employ only skilled professionals for Work requiring special qualifications.
- 6.8 Inspections. If the Work includes inspections during or after construction based upon TRC-prepared drawings or specifications, notwithstanding anything to the contrary herein, consistent with the Standard of Care, TRC will visit the Project Site at intervals appropriate to the state of the contractor's operations, or as specifically provided in TRC's Work, (1) to become generally familiar with and to keep Client informed about the progress and quality of the portion of the construction work completed, (2) to endeavor to guard Client against defects and deficiencies in the construction work, and (3) to determine in general if the construction work is being performed in a manner indicating that, when fully completed, will be in accordance with the applicable contract documents, but the sole responsibility for compliance with drawings and specifications will be with the entity performing the construction. TRC shall not have control of, nor be in charge of, nor shall be responsible for, the means, methods, techniques, sequences, procedures, construction, or safety precautions and programs in connection with any construction work, as these are solely the construction contractor's rights and responsibilities. Furthermore, TRC shall not be responsible for the failure of Client, or any party under contract with Client, including, but not limited to, any architect, engineer, consultant, contractor, or subcontractor, to carry out their respective responsibilities in accordance with their legal and contractual obligations.
- 6.9 Communication. TRC will designate an authorized representative who will be responsible for communications and consultation with Client and who will have the authority to make decisions necessary for TRC to perform its Work. TRC will advise Client at regular intervals of the status of the Work.

## ARTICLE 7. CONFIDENTIALITY

- 7.1 **Confidentiality Agreement.** The Party receiving Confidential Information may include that Party's Representatives ("**Recipient**"). The term "**Representatives**" means a Party's Affiliates and their respective employees, agents, subcontractors, and advisors. Recipient is not permitted to reveal Confidential Information (defined in Section 7.2 below) to any third party without written consent from an authorized representative of the Party disclosing the Confidential Information ("**Discloser**"). Notwithstanding the foregoing, Client acknowledges that TRC's review of Client's Confidential Information will inevitably enhance TRC's knowledge and understanding of Client's business in a way that cannot be separated from TRC's other knowledge, and Client agrees that this Agreement shall not restrict TRC in connection with the purchase, sale, or consideration of, or decisions related to, other investments.
- 7.2 **Confidential Information.** The term "**Confidential Information**" includes: (i) all non-public information, materials, or products developed pursuant to this Agreement; and (ii) information about a Party's or its Representatives' business affairs, employees, finances, client and supplier relationships, rates, pricing, means and methods or work, services, intellectual property, trade secrets, and other sensitive, marketing, or proprietary information, whether disclosed orally or in written, electronic, or other form or media. Notwithstanding the foregoing, however, Confidential Information shall not include the following: (i) information which at the time of disclosure is or becomes publicly available other than as a result of a disclosure by an act or omission of Recipient; (ii) information which is or becomes available to Recipient on a nonconfidential basis from a source (other than from Discloser) which is not prohibited from disclosing such information pursuant to a legal, contractual or fiduciary obligation to Discloser; (iii) information which was already known to Recipient; or (iv) information which is independently developed by Recipient.
- 7.3 **Legal Obligation to Disclose.** If Recipient is required by applicable law, regulation, or legal process to disclose any of the Confidential Information, Recipient will notify Discloser promptly so Discloser may (i) seek a protective order or other appropriate remedy, (ii) take action to assure confidential handling of such information, and/or (iii) in its sole discretion, waive compliance with the terms of this Agreement. In the event such protective order or other remedy is not obtained, or Discloser waives compliance with the terms hereof, Recipient (i) may so disclose only that portion of the Confidential Information which it is legally required to disclose and shall, upon request, reasonably assist Discloser with Discloser's efforts to obtain reliable assurance that confidential treatment will be afforded such Confidential Information, and (ii) shall not be liable for such disclosure. Notwithstanding the foregoing, Client acknowledges that one or more of TRC's Affiliates is a registered investment adviser and that TRC may be subject to routine examinations, investigations, regulatory sweeps, or other regulatory inquiries by applicable regulatory and self-regulatory authorities. Client agrees that TRC may make such disclosures as may be requested by any such authority (or examiner thereof) and will not be required to comply with the process described in this paragraph; provided that if the request by such authority (or examiner thereof) is specifically targeted at Client, TRC will notify Client (to the extent not prohibited by such authority or examiner or by applicable rule, regulation, or law) as promptly as practicable following such request.
- 7.4 **Remedy.** Each Party agrees the actual or threatened disclosure or use of any Confidential Information, other than as permitted under this Agreement, will cause irreparable harm to Discloser, and Discloser will be entitled, without prejudice or limit to any other remedy, to obtain injunctive relief to prevent such unauthorized use or disclosure.
- 7.5 **Communications with Third Parties.** To the extent the Work requires TRC to communicate with any third party including, but not limited to, owners of the Project Site or other locations, former employees, current employees, or government authorities, TRC shall so inform Client. For all such communications, Client releases TRC from claims of breach of confidentiality, waiver of privilege, or otherwise associated with any such communications.

## ARTICLE 8. INSURANCE

- 8.1 **Required Insurance Coverage.** TRC will obtain and maintain insurance of the types and amounts set forth herein. The insurance will be in effect before Work commences, and will remain in effect until completion of the Work. TRC will require any subcontractors to obtain and maintain coverages appropriate to their scope of work. TRC will have the following insurance coverage:
- (a) **Worker's Compensation Insurance and Employer's Liability Insurance** as required by the law of the state in which the Project is located, but Employer's Liability coverage will be in the amount of \$1,000,000 each accident;
  - (c) **Automobile Liability Insurance** in the amount of \$1,000,000 combined single limit per accident;
  - (d) **Commercial General Liability Insurance** in the amount of \$1,000,000 each occurrence, \$2,000,000 general aggregate, and \$2,000,000 products-completed operations aggregate; and,
  - (e) **Professional Liability Insurance** in the amount of \$1,000,000 each claim and \$2,000,000 annual aggregate.
- 8.2 **Additional Insured.** TRC shall provide additional insured coverage to Client under TRC's auto and CGL policies coverage using ISO endorsement form CG 20 10 12 19.
- 8.3 **Certificates of Insurance.** Prior to commencing Work, TRC will furnish Client with certificate(s) of insurance evidencing compliance with the insurance requirements herein. Renewal certificates will be provided to Client upon the expiration of any required insurance policies. No policy will be cancelled or not renewed without thirty (30) days' prior written notice to Client.

## ARTICLE 9. INDEMNITY

- 9.1 **Definitions.**
- (a) "**TRC Group**" means TRC and its subcontractors of all tiers, and each of their Affiliates, and all their officers, directors, and employees.
  - (b) "**Client Group**" means Client and its Affiliates, and all their officers, directors, and employees.
  - (c) "**Losses**" means any and all damages, costs, or expenses, including, but not limited to, reasonable attorneys' fees, expert fees, and expenses and costs of litigation.
  - (d) "**Claims**" means all third party claims, lawsuits, demands, or actions.
- 9.2 **TRC's INDEMNITY OBLIGATIONS.**
- (a) **TRC WILL INDEMNIFY AND HOLD HARMLESS CLIENT GROUP FROM ANY AND ALL LOSSES ARISING OUT OF CLAIMS TO THE EXTENT SUCH CLAIMS ARE CAUSED BY TRC'S NEGLIGENT ACTS, ERRORS, OR OMISSIONS IN THE PERFORMANCE OF ITS PROFESSIONAL SERVICES UNDER THIS AGREEMENT.**

(b) **WITH THE EXCEPTION OF CLAIMS ARISING UNDER SECTION 9.2(a), TRC WILL INDEMNIFY AND HOLD HARMLESS CLIENT GROUP FROM LOSSES, AND WILL DEFEND CLIENT GROUP FROM CLAIMS, DUE TO BODILY INJURY, DISEASE, DEATH, OR PROPERTY DAMAGE TO THE EXTENT SUCH BODILY INJURY, DISEASE, DEATH, OR PROPERTY DAMAGE IS CAUSED BY THE NEGLIGENCE OR INTENTIONAL MISCONDUCT OF TRC IN THE PERFORMANCE OF ITS WORK.**

9.3 **CLIENT'S INDEMNITY OBLIGATIONS.** CLIENT WILL INDEMNIFY AND HOLD HARMLESS TRC GROUP FROM LOSSES ARISING OUT OF CLAIMS DUE TO BODILY INJURY, DISEASE, DEATH, OR PROPERTY DAMAGE TO THE EXTENT SUCH BODILY INJURY, DISEASE, DEATH, OR PROPERTY DAMAGE IS CAUSED BY THE NEGLIGENCE OR INTENTIONAL MISCONDUCT OF CLIENT IN THE PERFORMANCE OF THIS AGREEMENT. ADDITIONALLY, NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, IN THE EVENT TRC PERFORMS INTRUSIVE GROUND EXPLORATIONS OR INVESTIGATIONS, INCLUDING BUT NOT LIMITED TO, EXCAVATION, DRILLING, BORING, OR PROBING ("SUBSURFACE INVESTIGATION") AS PART OF THE WORK, CLIENT WILL INDEMNIFY TRC GROUP FROM AND AGAINST LOSSES RESULTING FROM, OR ARISING OUT OF, CLAIMS FOR DAMAGES TO SUBSURFACE OR UNDERGROUND UTILITIES OR STRUCTURES, INCLUDING BUT NOT LIMITED TO, GAS, TELEPHONE, ELECTRIC, WATER, OR SEWER UTILITIES, WHOSE LOCATIONS WERE NOT DESIGNATED OR IDENTIFIED TO TRC PRIOR TO THE COMMENCEMENT OF ANY SUBSURFACE INVESTIGATION.

9.4 **RISK OF LOSS TO THE WORK.** ADDITIONALLY, NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, IT IS UNDERSTOOD AND AGREED THAT CLIENT BEARS ALL RISK OF LOSS OF OR DAMAGE TO THE WORK AND THE FACILITIES WHICH ARE THE SUBJECT OF THE WORK INCLUDING ALL MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, AND CLIENT HEREBY RELEASES AND SHALL DEFEND, INDEMNIFY, AND HOLD TRC GROUP HARMLESS FROM ANY SUCH LOSS OR DAMAGE, HOWEVER SUCH LOSS OR DAMAGE SHALL OCCUR.

9.5 **CONDITIONS PRECEDENT.** EACH PARTY AGREES THAT AS A CONDITION PRECEDENT TO ITS OBLIGATIONS TO INDEMNIFY AND HOLD HARMLESS, THE INDEMNIFIED PARTY MUST GIVE PROMPT WRITTEN NOTICE TO THE INDEMNIFYING PARTY OF ANY CLAIM COVERED BY ARTICLES 9 OR 10, OR ANY OTHER INDEMNIFICATION CLAUSE IN THIS AGREEMENT. AS AN ADDITIONAL CONDITION PRECEDENT, FOR ANY CLAIM OTHER THAN A CLAIM ARISING OUT OF TRC'S ALLEGED PROFESSIONAL NEGLIGENCE, THE INDEMNIFIED PARTY MUST ALLOW THE INDEMNIFYING PARTY TO REPRESENT THE INTERESTS OF EVERY INDEMNITEE IN DEFENDING AND SETTLING SUCH CLAIM. IN THE EVENT ANY INDEMNITEE FAILS OR REFUSES TO TENDER THE DEFENSE OF ANY SUCH CLAIM TO THE INDEMNIFYING PARTY, SUCH PARTY'S DEFENSE, HOLD HARMLESS, AND INDEMNITY OBLIGATIONS RELATED TO THAT CLAIM WILL BE NULL AND VOID.

9.6 **APPORTIONMENT OF ATTORNEYS' FEES.** NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, AFTER RESOLUTION OF A CLAIM UNDER ARTICLES 9 OR 10, OR ANY OTHER PROVISION HEREIN PROVIDING FOR ONE PARTY TO PROVIDE A DEFENSE, IF THE NEGLIGENCE OR OTHER LEGAL FAULT OF ANY INDEMNITEE IS DETERMINED EITHER BY MUTUAL AGREEMENT OF THE PARTIES, OR BY FINAL ADJUDICATION, TO HAVE BEEN A CONTRIBUTING CAUSE OF THE LOSSES RELATED TO SUCH CLAIM, THEN THE INDEMNIFIED PARTY MUST REIMBURSE THE DEFENDING PARTY FOR THE COSTS, ATTORNEYS' FEES, OTHER LEGAL EXPENSES, AND EXPERT FEES EXPENDED FOR DEFENSE IN THE SAME PROPORTION AS THE INDEMNITEES' PROPORTION OF NEGLIGENCE OR OTHER LEGAL FAULT.

#### **ARTICLE 10. HAZARDOUS SUBSTANCES AND POLLUTION**

10.1 **Pre-existing Conditions.** Client and TRC acknowledge that, prior to the start of this Agreement, TRC has not generated, handled, stored, treated, transported, disposed of, or in any way taken responsibility for any toxic or hazardous substance, including any contaminated soils, wastes, or substances, as defined by law ("**Hazardous Substances**") at the Project Site. Any Hazardous Substances originating with or generated by Client, or any pre-existing Hazardous Substances which are in, on, under, or migrating from the Project Site, or any Hazardous Substances introduced to the Project Site by any party other than TRC Group (collectively, "**Non-TRC Hazardous Substances**"), shall, as between TRC and Client, remain the sole and exclusive property of Client, it being the intention of the Parties that Client be solely responsible for such Non-TRC Hazardous Substances and shall be regarded as the owner and generator of all such Non-TRC Hazardous Substances for the purposes of this Agreement and all Work performed hereunder.

10.2 **Hazardous Substances Encountered During the Work; Disposition of Samples.** If TRC encounters unexpected Hazardous Substances during performance of the Work, and if, in TRC's sole and exclusive judgment, such Hazardous Substances impede the performance of the Work, the Parties shall proceed as provided above in Section 4.4, and TRC shall suspend performance of the Work until such Hazardous Substances are properly contained and/or removed. When containerization and labeling of Hazardous Substances is included in TRC's original scope of Work or is added by Change Order, TRC will appropriately contain and label such materials; and leave the containers on the Project Site for proper, lawful removal, transport, and disposal by Client. All samples of soil, groundwater, waste, rock, or other materials collected from the Project Site will remain the property of Client and will be returned to Client by TRC within thirty (30) days after submission of TRC's report, unless applicable law requires the retention or other disposition of such samples. All costs associated with the disposition or returning of samples will be charged to Client. TRC will not sign any hazardous waste manifests or bills of lading, and all such manifests and generator numbers will be in the name of, and signed by, Client. Nothing contained in this Agreement will be construed or interpreted as requiring TRC, its officers, agents, servants, or employees to assume the status of a generator, storer, treater, transporter, or disposer of hazardous substances, or an arranger for disposal of hazardous substances, or a disposal facility as those terms appear within the Resource Conservation Recovery Act, 42 USCA, Section 6901, et seq. (RCRA), or within any state statute of similar effect governing the treatment, storage, transportation or disposal of waste.

10.3 **TRC INDEMNITY FOR HAZARDOUS SUBSTANCES AND POLLUTION.** TO THE FULLEST EXTENT PERMITTED BY LAW, TRC SHALL ASSUME ALL RESPONSIBILITY FOR, INCLUDING CONTROL AND REMOVAL OF, AND SHALL RELEASE, DEFEND, INDEMNIFY, AND HOLD HARMLESS, ALL MEMBERS OF CLIENT GROUP FROM AND AGAINST ANY LOSSES ARISING OUT OF OR RELATING TO ANY HAZARDOUS SUBSTANCES BROUGHT TO OR RELEASED AT THE PROJECT SITE BY TRC GROUP.

10.4 **CLIENT INDEMNITY FOR HAZARDOUS SUBSTANCES AND POLLUTION.** TO THE FULLEST EXTENT PERMITTED BY LAW, CLIENT SHALL RELEASE, DEFEND, INDEMNIFY, AND HOLD TRC GROUP HARMLESS FROM AND AGAINST ALL LOSSES ARISING OUT OF OR RELATING TO THE PRESENCE AT THE PROJECT SITE OF NON-TRC HAZARDOUS SUBSTANCES. CLIENT SHALL ASSUME ALL RESPONSIBILITY FOR, INCLUDING CONTROL AND REMOVAL OF, AND SHALL RELEASE, DEFEND, PROTECT, INDEMNIFY AND HOLD HARMLESS ALL MEMBERS OF TRC GROUP FROM AND AGAINST ANY LOSSES ARISING OUT OF OR RELATING TO, ANY NON-TRC HAZARDOUS SUBSTANCES DISCOVERED AT, BROUGHT TO, OR RELEASED AT THE PROJECT SITE, OR LEFT ON THE PROJECT SITE AFTER CONTAINERIZATION BY TRC.



## ARTICLE 11. ALLOCATION OF RISK

- 11.1 Client's Separate Contractors. The Parties expressly acknowledge and agree that unless otherwise expressly provided for in the Proposal, during the performance of the Work TRC shall not (a) supervise, direct or control Client's other contractors or subcontractors at any tier; (b) have authority over or responsibility for the means, methods, techniques or sequences of work performed by such other contractors or subcontractors; (c) be responsible for job site safety or enforcement of federal, state, local or other safety requirements in connection with the work performed by such other contractors or subcontractors; (d) be responsible for inspecting equipment or tools used by such other contractors or subcontractors; (e) be liable for any failure of such other contractors or subcontractors to comply with applicable laws, rules, regulations, ordinances, codes, permit stipulations, or orders; or (f) be liable for the acts or omissions of such other contractors or subcontractors including their failure to perform in accordance with their contractual responsibilities.
- 11.2 Mutual Waiver of Consequential Damages. Notwithstanding anything to the contrary in this Agreement, TRC and Client waive any and all claims against each other and each other's Affiliates, and under no circumstances shall either Party or its Affiliates be liable to the other, for incidental, consequential, special, multiple, and punitive damages arising out of or relating to this Agreement, regardless of whether such damages were foreseeable and whether or not the culpable Party was advised of the possibility of such damages, and regardless of whether a Party's claim against the other Party is based in contract (including contract termination), indemnity, warranty, tort (including negligence), strict liability or otherwise. This mutual waiver includes, but is not limited to, rental expenses, loss of use, loss of production, loss of income, loss of profit (except profit arising directly from the Work), loss of financing, loss of business, and loss of reputation.
- 11.3 Limitation of Liability. To the fullest extent permitted by law, the total liability in the aggregate of TRC and its Affiliates, and each of their employees, officers, directors, subcontractors, or suppliers to Client and anyone claiming by, through or under Client, on all claims of any kind arising out of or in any way related to TRC's Work, from any cause or causes whatsoever, including, but not limited to, negligence, errors, omissions, strict liability, indemnity, or breach of contract, will not exceed the compensation received by TRC under this Agreement. All such liability will terminate upon the expiration of the Correction Period specified in Section 6.3. THIS SECTION SETS FORTH TRC'S SOLE LIABILITY AND ENTIRE OBLIGATION AND CLIENT'S EXCLUSIVE REMEDY FOR ANY ACTION BROUGHT AGAINST TRC IN RELATION TO THIS AGREEMENT.

## ARTICLE 12. DELIVERABLES

- 12.1 Ownership of Deliverables. All Deliverables shall become the sole and entire property of Client after TRC receives payment for such Deliverables. As used herein, the term "**Deliverable**" means completed instruments of professional services prepared solely and exclusively for Client pursuant to the requirements of this Agreement, such as stamped or final reports, surveys, studies, drawings, designs, calculations, analyses, recommendations, evaluations, checklists, protocols, procedures, test and acceptance plans, test results, and permits. The term "Deliverable" does not apply to TRC's internal notes or documentation, field data, laboratory test data, calculations, estimates, or any work-in-progress except to the extent the Agreement requires submission of preliminary or progress designs. Notwithstanding anything to the contrary herein, to the extent any Deliverables include proprietary information that is not prepared solely and exclusively for Client, such proprietary information shall remain the exclusive property of TRC, but Client will have unrestricted and non-exclusive rights and license to use such information. TRC's proprietary information, includes, but is not limited to, its seal, stamp, or certification; know-how; methodologies; techniques; processes; tools, pre-existing documents; trade secrets, patents, patents pending, standard details, templates, figures, or specifications; computer programs; software; inventions; intellectual property; or systems utilized or developed (a) prior to the effective date of the Agreement; or (b) for any purpose other than performance of the Work. Furthermore, Client understands and agrees that TRC is a developer of computer software and that TRC may use its own proprietary software, as well as others properly licensed to TRC, in the performance of the Work, and may develop other proprietary software during the course of performing the Work, which may include preliminary database formats and spreadsheets as well as programming procedures and code. Client understands and agrees that all such programs, efforts, and materials are and will be the exclusive property of TRC (and/or third parties).
- 12.2 Use of Deliverables. Any Deliverable will be prepared solely for use of Client for this Project. The Deliverables are not intended or represented to be suitable to be reused by Client, or used or relied upon by others outside of Client or on extensions of the Project or on any other project. In the event Client, its employees, permitted assigns, successors, consultants, or contractors subsequently reproduces or otherwise uses the Deliverables or creates a derivative work based upon the Deliverables, unless prohibited by law, Client must remove or completely obliterate the original professional seals, trademarks, logos, and other indications on said Deliverables of the identity of TRC, its employees, and sub-consultants. TRC will be entitled to equitable compensation in connection with documenting any consent for Client or third parties to rely on the Deliverables for any purpose other than the purpose for which TRC prepared them.
- 12.3 Unauthorized Use of Deliverables. Client is prohibited from providing examples of TRC's Work to any individual or entity known by, or that reasonably should be known by, Client to be a competitor of TRC for the purpose of reducing or eliminating the Work associated with this Agreement. Furthermore, Client is prohibited from providing any statistical sampling information on assessment issues, including but not limited to statistical sampling information on production rates, remedy rates, numbers of pole change outs, types of violations, etc., that is provided to Client by TRC, all of which must be treated by Client as Confidential Information. In the event any Deliverables are utilized or disclosed by Client in any manner outside the scope of, or prohibited by, this Agreement, TRC reserves the right to notify directly any third party of the limitations of its unauthorized use of the Deliverables. Client expressly acknowledges that this reservation by TRC is necessary to protect and preserve TRC's professional reputation with respect to its work product.

## ARTICLE 13. SAFETY

- 13.1 Client's Safety Requirements. Client must inform TRC of any written safety procedures and regulations applicable to the Project Site known to Client, as well as any special safety concerns or dangerous conditions at the Project Site. TRC and its employees will adhere to the written safety procedures and regulations provided by Client.
- 13.2 Project Site Safety. TRC commits to providing a safe and healthy work environment for its personnel and will require the same of its subcontractors. TRC shall be responsible for the health and safety of its employees and be responsible for its activities, and shall at all times conduct its operations under this Agreement in a manner to avoid risk of endangerment to the health and safety of persons and property. Unless expressly included in the scope of Work, TRC will not have any responsibility for overall job safety for the Project or

at the Project Site. If TRC determines that its field personnel are unable to access required locations or perform required Work in conformance with applicable safety standards, TRC may suspend performance until its personnel can safely perform their work. TRC will promptly provide Client with written notice of the location and nature of the unsafe conditions. If Client fails to provide safe access within a reasonable time, TRC may terminate or suspend its performance in accordance with Article 14.

- 13.3 Reporting of Incidents. In the event TRC is involved in any loss, injury, or damage on Client's premises, or if such injury, loss or damage involves property, equipment, or personnel of Client, or if such accident involves any third party in any manner whatsoever while TRC is performing any duties within the scope of this Agreement, TRC will promptly report such injury, loss, or damage to the attention of Client's designated representative. If the matter involves loss of life, serious injury, or substantial property loss or damage, this report will be made by telephone call, followed immediately by a report in writing sent via email. If the matter is of a less serious nature, notification may be made by email or by letter posted in regular United States mail. All injuries, loss or damage must be reported. The reporting of any such matter will not imply any admission of liability on the part of TRC.

#### ARTICLE 14. TERMINATION AND SUSPENSION

- 14.1 Termination for Default. In the event of a material breach of this Agreement by either Party, the nonbreaching Party may give written notice to the breaching Party of the nature of the default and demand for cure. If the breaching Party fails to cure or materially commence to cure within ten (10) days from receipt of the default notice, the non-breaching Party may provide a written notice to the breaching Party of termination of the Agreement.
- 14.2 Termination or Suspension for Convenience. Either Party may terminate or suspend this Agreement, in whole or in part, by providing written notice to the other Party at least thirty (30) days prior to the effective date of termination.
- 14.3 Termination for Insolvency. Either Party has the right to immediately terminate the Agreement, by providing written notice to the other Party, in the event that (a) the other Party becomes insolvent, enters into receivership, is the subject of a voluntary or involuntary bankruptcy proceeding, or makes an assignment for the benefit of creditors; or (b) a substantial part of the other Party's property becomes subject to any levy, seizure, assignment or sale for or by any creditor or government agency.
- 14.4 Payments Due Post-Termination. TRC will be entitled to receive payment for all Work performed prior to the effective date of the suspension or termination, plus all reasonable costs associated with the suspension or termination, including, but not limited to, demobilization costs, re-stocking fees, cancellation fees, and costs incurred with respect to non-cancellable commitments. If the suspension or termination is the result of TRC's breach, prior to paying TRC Client will be entitled to offset its reasonable, direct, documented losses to the extent caused by TRC's breach. If the suspension or termination is the result of Client's breach, in addition to all other compensation to which TRC is entitled, TRC will be entitled to receive payment for its reasonable, direct, documented losses to the extent caused by Client's breach.

#### ARTICLE 15. DISPUTE RESOLUTION

- 15.1 Negotiation by Executives. The Parties will attempt in good faith to resolve any dispute, controversy, or claim arising out of or relating to the Project or the Agreement or the breach thereof ("**Dispute**") promptly by negotiation. When either Party determines it has exhausted its efforts to resolve a Dispute at the Project level, that Party may provide written notice to the other Party of the Dispute. Within fifteen (15) days after the date of such notice, executives of both Parties who have authority to agree to a settlement of the Dispute and who are at a higher level of management than the persons with direct responsibility for administration of this Agreement will meet at a mutually acceptable time and place (or, otherwise, at the Project Site), and thereafter as often as they reasonably deem necessary, to attempt to resolve the Dispute. All negotiations pursuant to this subsection are confidential and will be treated as compromise and settlement negotiations for purposes of applicable rules of evidence. If the Parties do not resolve the Dispute within sixty (60) days of a Party notifying the other of the Dispute, unless extended by mutual agreement, either Party may commence litigation.
- 15.2 Governing Law, Jurisdiction, Venue. Unless otherwise required by law, this Agreement, and any act or transactions to which it will apply, or which are contemplated hereby or hereunder, will be governed by, and construed and interpreted in accordance with, the laws of the State where the Project is located without regard to choice of law or conflicts of law principles. If the Work under this Agreement is not for a Project in a physical location, this Agreement, and any act or transactions to which it will apply, or which are contemplated hereby or hereunder, will be governed by, and construed and interpreted in accordance with, the laws of the State of Connecticut. This choice of law expressly includes the applicable statutes of limitation. Venue for all actions under the Agreement will be within fifty (50) miles of the Project location or, if there is no physical Project location, in Hartford, Connecticut.
- 15.3 Prevailing Party. In the event of any binding dispute resolution proceeding, declaratory or otherwise, brought by a Party arising out of or relating to this Agreement, including but not limited to any breach or default of the Agreement, the prevailing Party will be entitled to recover from the other Party any and all expenses of litigation, court costs, expert and consultant fees, employee time and expenses, and reasonable attorneys' and other legal fees associated with such proceedings (collectively, "**Litigation Expenses**"), accruing as of commencement of the proceeding and including execution and collection of any award or judgment. Notwithstanding the foregoing, if a written offer of compromise is made by either Party that is not accepted by the other Party within thirty (30) days after receipt and the Party not accepting such offer fails to obtain a more favorable judgment or award, the non-accepting Party will not be entitled to recover its Litigation Expenses (even if it is the prevailing Party) and will be obligated to pay the Litigation Expenses of the offering Party.

#### ARTICLE 16. MISCELLANEOUS

- 16.1 Independent Contractor and Waiver of Benefits. TRC is an independent contractor and will not be regarded as an employee or agent of Client. TRC agrees that it will not receive, and is not eligible to participate in, any employee benefit plan, insurance program, disability plan, medical benefits plan, or any other fringe benefit program sponsored and maintained by Client for its regular active employees, and TRC hereby waives any rights or claims related thereto.
- 16.2 Compliance with Laws. TRC will observe all applicable provisions of the federal, state, and local laws and regulations, including those relating to equal opportunity employment.
- 16.3 Severability. If any term, covenant, condition, or provision of this Agreement is found by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of this Agreement will remain in full force and effect, and will in no way be affected, impaired, or invalidated thereby.

- 16.4 **Waiver.** No waiver of any provision of this Agreement, or consent to any departure therefrom, shall be effective unless in writing and signed by the waiving Party, and then such waiver or consent shall be effective only in the specific instance and for the specific purpose for which given. No failure or delay on the part of any Party in exercising any right, power or remedy hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, power or remedy preclude any other or further exercise thereof or the exercise of any other right, power or remedy hereunder.
- 16.5 **Assignment.** Neither Party will assign or transfer this Agreement without the prior written consent of the other Party. Moreover, as a condition of any such written consent, such assignment will be subject to the terms and conditions herein and no greater rights or remedies will be available to the assignee. In the event of an assignment by Client, Client will provide TRC with the information necessary for notices and invoicing (as applicable) prior to the effective date of the assignment. Client hereby agrees that TRC may subcontract and/or assign some or all of the Work to one or more of its Affiliates to the extent necessary to provide sufficient staffing and/or to comply with applicable insurance or professional licensing requirements.
- 16.6 **Captions.** The captions of the articles and sections in this Agreement are intended solely for the convenience of reference and will not define, limit, or affect in any way the provisions, terms, and conditions hereof or their interpretation.
- 16.7 **Integration.** This Agreement represents the entire understanding and agreement between the Parties and supersedes any and all prior or contemporaneous agreements, whether written or oral, and may be amended or modified only by a written amendment signed by both Parties.
- 16.8 **Amendments.** This Agreement may be modified only by a Change Order or an amendment executed in writing by a duly authorized representative for each Party.
- 16.9 **No Third Party Beneficiaries.** Except as otherwise specifically provided for herein, this Agreement shall not be construed to confer any benefit on any third party not a Party to this Agreement, nor shall it provide any rights to such third party to enforce its provisions. Notwithstanding the foregoing, all liability-limiting provisions of this Agreement shall extend and inure to the benefit of all members of TRC.
- 16.10 **Signatures.** The Proposal may be executed electronically and/or in counterparts, each of which will be deemed an original, and all of which together will be deemed to be one and the same instrument. A copy of the Proposal delivered by electronic transmission will be deemed to have the same legal effect as delivery of a manually signed original. Each person executing the Proposal warrants that he/she is authorized to do so on behalf of the Party for whom he/she signs the Proposal.
- 16.11 **Notices.** Any notice permitted to be given by email shall be sent to the below representative. Any other notice required to be given pursuant to this Agreement must be in writing and sent by overnight delivery via USPS or a nationally recognized courier and delivered to the address set forth in the first paragraph above to the attention of the representative below:  
If to TRC, send to the attention of the person signing the Proposal;  
If to Client, send to the attention of the person to whom the Proposal is addressed.  
Any notice so given will be deemed effective upon receipt. Either Party may change its representative or address effective ten (10) days after written notice thereof to the other Party.
- 16.12 **Remittance Information.** TRC remittance information for making payments is as follows:

**U.S. Postal Service:**

TRC Lockbox  
PO Box 536282  
Pittsburgh PA 15253-5904

**Overnight Packages:**

TRC Lockbox  
Attn: 536282  
307 23<sup>rd</sup> Street Extension, Suite 950  
Pittsburgh, PA 15215  
877-550-5933

**Wire Instructions (PREFERRED METHOD OF PAYMENT)**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>Beneficiary Account Name:</b>   | TRC Companies, Inc. – Concentration |
| <b>Beneficiary Account Number:</b> | 2232037090                          |
| <b>Bank Codes:</b>                 |                                     |
| <b>ABA Number:</b>                 | 011500120 (Wires only)              |
| <b>Routing Number:</b>             | 211170114 (ACH only)                |
| <b>Swift Code:</b>                 | CTZIUS33                            |
| <b>Bank Name:</b>                  | Citizens Bank                       |

|                                 |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| <b>Remittance Detail Email:</b> | <a href="mailto:ARemitdetail@trccompanies.com">ARemitdetail@trccompanies.com</a> |
| <b>TRC Contact:</b>             | Dawn Dostie                                                                      |
| <b>Contact Phone Number:</b>    | 207-660-7222                                                                     |

**EXHIBIT (1)**  
**Invoice Format - T&M**



# INVOICE

**PAYMENT INSTRUCTIONS:** Please pay by ACH or WIRE. Provide Invoice Numbers/Amounts to  
ARemitdetail@trccompanies.com

Electronic Funds Payment Details:

**Bank Name:** Citizens Bank:  
**US ACH:** 211170114  
**US WIRE:** 011500120

**Swift Code:** CTZIUS33  
**Account Name:** TRC  
**Account Number:** 2232037090

**Check Payment Mailing Address:** TRC LOCKBOX • P.O. BOX 536282 • PITTSBURGH, PA 15253-5904

Client Name  
ATTN TO LINE IF NEEDED  
Address Line 1  
City, State Zip Code

Invoice Date  
Project No: 123456.0000.0000  
Invoice No: Randomly Generated

Project 123456.0000.0000 Project Name

PO # xxxxxxxxxxxxxxxxx

ANY PROJECT SPECIFIC DETAIL YOU WANT TO PROVIDE WOULD GO HERE

**Professional Services Through October 23, 2020**

Phase 000004 Phase Name

**Professional Personnel**

|                     | Hours | Rate | Amount  |                |
|---------------------|-------|------|---------|----------------|
| Engineering Manager | xxx   | xxx  | xxx     |                |
| Engineer I          | xxx   | xxx  | xxx     |                |
| Totals              | xxx   |      | xxxxxxx |                |
| <b>Total Labor</b>  |       |      |         | <b>xxxxxxx</b> |

**Billing Limits**

|                | Current | Prior                   | To-Date |                |
|----------------|---------|-------------------------|---------|----------------|
| Total Billings | xxxxxxx | xxxxx                   | xxxxx   |                |
| Limit          |         |                         | xxxxx   |                |
| Remaining      |         |                         | xxxxx   |                |
|                |         | <b>Total this Phase</b> |         | <b>\$xxxxx</b> |

Phase 000005 Phase Name

Task 000001 Task Name

**Professional Personnel**

|                     | Hours | Rate | Amount |              |
|---------------------|-------|------|--------|--------------|
| Engineering Manager | xxxx  | xxxx | xxxxx  |              |
| Totals              | xxxx  |      | xxxxx  |              |
| <b>Total Labor</b>  |       |      |        | <b>xxxxx</b> |

**Total this Task \$xxxxx**

**Total this Phase \$xxxxx**

**Billing Limits**

|                | Current | Prior                  | To-Date |                |
|----------------|---------|------------------------|---------|----------------|
| Total Billings | xxxxx   | xxxxx                  | xxxxx   |                |
| Limit          |         |                        | xxxxx   |                |
| Remaining      |         |                        | xxxxx   |                |
|                |         | <b>Total this Task</b> |         | <b>\$xxxxx</b> |

**Total this Phase \$xxxxx**

**Total this Invoice \$xxxxx**



**EXHIBIT (2)**  
**Invoice Format - Lump Sum**



# INVOICE

**PAYMENT INSTRUCTIONS:** Please pay by ACH or WIRE. Provide Invoice Numbers/Amounts to  
*ARemitdetail@trccompanies.com*

Electronic Funds Payment Details:

**Bank Name:** Citizens Bank:  
**US ACH:** 211170114  
**US WIRE:** 011500120

**Swift Code:** CTZIUS33  
**Account Name:** TRC  
**Account Number:** 2232037090

**Check Payment Mailing Address:** TRC LOCKBOX • P.O. BOX 536282 • PITTSBURGH, PA 15253-5904

Client Name  
Address Line 1  
Address Line 2  
City , State Zip

Invoice Date  
Project No:XXXXXX.XXXX.XXXX  
Invoice No: XXXXXX  
Project Manager XXXXXX

Project XXXXXX.XXXX.XXXX PROJECT NAME  
PO# IF APPLICABLE

**Professional Services through (DATE)**

**Fee**

|                  |         |                           |                 |
|------------------|---------|---------------------------|-----------------|
| Total Fee        | XXXX.XX |                           |                 |
| Percent Complete | XX.XX   | Total Earned              | X,XXX.00        |
|                  |         | Previous Fee Billing      | X,XXX.00        |
|                  |         | Current Fee Billing       | X,XXX.00        |
|                  |         | <b>Total Fee</b>          | <b>X,XXX.00</b> |
|                  |         | <b>Total this Invoice</b> | <b>X,XXX.00</b> |

**BEACHWOOD PUBLIC WORKS DEPARTMENT  
INTER-OFFICE MEMORANDUM**

**TO:** Mayor, Justin Berns

**FR:** Chris Arrietta, Public Works Director

**DT:** June 30, 2026

**RE:** Council Agenda Item: Cargill

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The City of Beachwood participates in the Brecksville Salt Consortium, which contracts Cargill for road salt supply. Our current agreement includes optional second- and third-year extensions based on the consortium's acceptance of proposed pricing.

The proposed rate for the upcoming season is \$71.40 per ton delivered, representing a 16.29 percent increase over last year. After reviewing the initial bids, this pricing remains lower than the Year 1 rates offered by other vendors. We recommend proceeding with the two-year extension with Cargill to supply salt for the 2026 and 2027 seasons.

With your approval, I would like to place this item on the next Council agenda. Please let me know if you have any questions regarding this request.



May 13, 2026

Ms. Monica Bartkiewicz  
Director of Purchasing  
9069 Brecksville Rd  
Brecksville, OH 44141  
Email: [mbartkiewicz@brecksville.oh.us](mailto:mbartkiewicz@brecksville.oh.us)  
Phone: (440) 586-2622

RE: Road Salt Contract Renewal

Dear Ms. Bartkiewicz,

This letter is being submitted in response to your request for a renewal price for the 26/2027 contract season. This renewal shall be for one (1) contract term commencing November 1, 2026, and ending October 31, 2027. The extension would be a continuation of the original terms and conditions.

We are proactively planning our capabilities to meet the expected demand, to keep people safe and keep commerce moving. Cargill Deicing Solutions values our relationship with the Brecksville Consortium members, which is why we will continue to focus on delivering the best products and services.

This proposal is contingent upon the total filed requirements for the 26/2027 season- both untreated and treated- being +/- 10% from the 25/2026 total filed requirements. The calculation shall include additional participants requesting to join the consortium for the 26/2027 season

Based on current cost and operational considerations, we are proposing the following price adjustments for the 26/2027 contract season:

| Product              | Mode  | Price Per Ton |
|----------------------|-------|---------------|
| Road Salt- Untreated | Dump  | \$71.40       |
| Road Salt- Untreated | Piler | \$86.40       |
| Road Salt- Treated   | Dump  | \$85.28       |
| Road Salt- Treated   | Piler | \$100.28      |

Please let me know if the above proposed increase is acceptable by **EOD on Wednesday, May 27th**. This date is firm; after that time, the renewal proposal will be considered null and void. Thank you in advance for your time and consideration of this request

Sincerely,

*Amanda Knaus*

Amanda Knaus  
District Manager – Government Sales

24950 County Club Blvd.  
Suite 450  
North Olmsted, OH 44070

PH: 440-590-6518  
[Amanda\\_Knaus@cargill.com](mailto:Amanda_Knaus@cargill.com)

INTRODUCED BY:

RESOLUTION NO. 2026-74

A RESOLUTION ACCEPTING A CERTAIN BID FROM CARGILL, INC., THROUGH THE JOINT MUNICIPAL IMPROVEMENT CONSORTIUM TO SUPPLY UNTREATED ROCK SALT FOR SNOW AND ICE REMOVAL FOR THE 2026-2027 WINTER SEASON; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, Council passed Ordinance No. 2001-128, an Ordinance authorizing the Mayor to enter into a Joint Agreement on behalf of the City of Beachwood, Ohio with various surrounding Municipalities to join a Joint Municipal Improvement Consortium pursuant to Section 715.02 of the Ohio Revised Code;

WHEREAS, one of the items available for purchase through the Joint Municipal Improvement Consortium is rock salt (sodium chloride) for use during the winter months for snow and ice removal;

WHEREAS, the Consortium, through advertisement by the City of Brecksville, has received a bid from Cargill, Inc., for crushed rock salt (sodium chloride) for snow and ice removal for the 2026-2027 Winter season beginning November 1, 2026, through October 31, 2027; and

WHEREAS, the consortium pricing for the Winter season of 2026-2027 is as follows:

**Untreated Salt:** \$71.40 per ton.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio that:

Section 1: Based upon the recommendation of the Public Works Director, the bid of Cargill, Inc., is found to be the lowest and best bid received on behalf of the Joint Municipal Improvement Consortium for crushed rock salt for snow and ice removal for the 2026-2027 Winter season. The City of Beachwood adopts and accepts said bid as its own in accordance with the specifications of the Consortium and the Mayor is authorized to enter into a contract on behalf of the City of Beachwood with the said company in accordance with the written confirmation which is attached hereto and incorporated herein as Exhibit "A".

Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Resolution is declared to be an urgent measure necessary for the public peace, health, safety, or the efficient operation of the City, and for the further reason of the need to promptly prepare stores of necessary seasonal materials required to maintain the streets and sidewalks safe for persons and property; wherefore, this Ordinance shall be in full force and effect immediately upon its passage and approval by the Mayor.



RESOLUTION NO. 2026-74

Attest: I hereby certify this legislation was duly adopted on the 13<sup>th</sup> day of July, 2026, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 14<sup>th</sup> day of July, 2026.

\_\_\_\_\_  
Clerk

Approval: I have approved this legislation this 14<sup>th</sup> day of July, 2026 and filed it with the Clerk.

\_\_\_\_\_  
Mayor



BEACHWOOD CITY COUNCIL  
ATTN CLERK OF COUNCIL  
25325 FAIRMOUNT BLVD  
BEACHWOOD OH 44122

NOTICE TO LEGISLATIVE AUTHORITY

TO

|                             |                  |                                                                                                                             |
|-----------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 00555275-1<br>PERMIT NUMBER | STCK-LLC<br>TYPE | BEACHWOOD WINKS LLC<br>WINKING LIZARD TAVERN<br>25800 CENTRAL PKWY<br>BEACHWOOD OH 44122<br><br>Muni/Village/Twp: Beachwood |
| ISSUE DATE:                 |                  |                                                                                                                             |
| FILING DATE:                |                  |                                                                                                                             |
| PERMIT CLASSES: D-5         |                  |                                                                                                                             |
| 18022<br>TAX DISTRICT       | OCT              | RECEIPT NO                                                                                                                  |

| PROPOSED OWNERSHIP CHANGES | REQUEST TYPE | PROPOSED UNITS / SHARES HELD |
|----------------------------|--------------|------------------------------|
| Winking Lizard, LLC        |              | 100                          |

MAILED 6/24/2026

RESPONSES MUST BE POSTMARKED NO LATER THAN 07/25/2026

IMPORTANT NOTICE

PLEASE COMPLETE AND RETURN THIS FORM TO THE DIVISION OF LIQUOR CONTROL WHETHER OR NOT  
THERE IS A REQUEST FOR A HEARING.

REFER TO THIS NUMBER IN ALL INQUIRIES: OCT STCK-LLC 00555275-1

(TRANSACTION & NUMBER)

**(MUST MARK ONE OF THE FOLLOWING)**

WE REQUEST A HEARING ON THE ADVISABILITY OF ISSUING THE PERMIT AND REQUEST THAT THE HEARING  
BE HELD ☐ IN OUR COUNTY SEAT ☐ IN COLUMBUS

WE DO NOT REQUEST A HEARING ☐

DID YOU MARK A BOX?

IF NOT, THIS WILL BE CONSIDERED A LATE RESPONSE.

PLEASE SIGN BELOW AND MARK THE APPROPRIATE BOX INDICATING YOUR TITLE:

(Signature)

(Title) - ☐ Clerk of City Council  
☐ Township Fiscal Officer

(Date)

(Printed Name)

(Email Address)

(Telephone No.)