



**ANDERSON, ECKSTEIN & WESTRICK, INC.**  
 CIVIL ENGINEERS SURVEYORS ARCHITECTS  
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315  
 www.aewinc.com p(586)726-1234

**INVOICE**

November 29, 2023  
 Project No: 0160-0446-0  
 Invoice No: 147364

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0446-0 VERNIER ROAD WATER MAIN REPLACEMENT  
 PURCHASE ORDER #21-46704 - \$217,000.00  
 FOR: CONTRACT ADMINISTRATION & CONSTRUCTION OBSERVATION  
Professional Services from October 23, 2023 to November 19, 2023  
 Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
ENGINEERING AIDE III	1.00	77.70	77.70	
ENGINEERING AIDE I	1.80	62.10	111.78	
CONSTRUCTION OBSERVATION				
GRADUATE ENG/SUR/ARC	98.00	92.70	9,084.60	
Totals	100.80		9,274.08	
<b>Total Labor</b>				<b>9,274.08</b>

**Consultants**

REIMBURSABLE CONSULTANT EXPENSE				
10/31/2023 G2 CONSULTING	Invoice# 233103		858.50	
<b>Total Consultants</b>			<b>858.50</b>	<b>858.50</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	10,132.58	90,617.37	100,749.95
Limit			217,000.00
Remaining			116,250.05

**Total this Invoice \$10,132.58**

**RECEIVED**

DEC 14 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 46704  
 # 592-537-977.310  
 OK - J.K.  
 SM 12/13/23  
 H 12-13-23

**G2 Consulting Group, LLC**  
**1866 Woodslee Street**  
**Troy, MI 48083**

**INVOICE**

Invoice Number: 233103  
 Invoice Date: October 19, 2023  
 Page Number: 1

Voice: 248.680.0400  
 Fax: 248.680.9745

Bill To: Accounts Payable  
 Anderson, Eckstein & Westrick  
 51301 Schoenherr Road  
 Shelby Township, MI 48315

<b>Customer ID</b>	<b>Purchase Order No.</b>	<b>G2 Project No.</b>	
AEW001	AEW No. 0160-0446	230769	
<b>Payment Terms</b>	<b>Due Date</b>	<b>Ship Date</b>	<b>Shipping Method</b>
Net 30 Days	November 18, 2023		

Quantity	Description	Unit Price	Amount
6.00	Engineering Technician, Regular Hours, each	71.00	426.00
1.50	Engineering Technician - Cylinder Pick-Up on 9/14/23	71.00	106.50
1.00	Project Manager, per hour	162.00	162.00
1.00	Administrative Assistant, per hour	62.00	62.00
6.00	Compressive Strength Test Cylinders, each	17.00	102.00
	Vernier Road Watermain Replacement, Grosse Pointe, Michigan - Quality Control Observation and Testing Services on 9/8/23 and 9/13/23		
	Client Contact: Brad Smith		

**Total Invoice Amount                    \$                    858.50**

If you have any questions concerning this invoice, call Mark W. Smolinski, (248) 680-0400. Client agrees to pay a charge of 1.5 percent per month on accounts past due 30 days from invoice date.

Make all checks payable to: G2 Consulting Group, LLC.



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**INVOICE**

November 29, 2023  
 Project No: 0160-0456-0  
 Invoice No: 147365

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0456-0 HAMPTON RD WATERMAIN & RESURF(MACK/MARTE)  
 PURCHASE ORDER #22-47265 - \$436,920.00  
 FOR: CONTRACT ADMIN. & CONSTRUCTION OBSERVATION  
Professional Services from October 23, 2023 to November 19, 2023

**Professional Personnel**

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	1.00	114.30	114.30	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	1.50	114.30	171.45	
ENGINEERING AIDE III	1.00	77.70	77.70	
Totals	3.50		363.45	
<b>Total Labor</b>				<b>363.45</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	363.45	220,894.08	221,257.53	
Limit			436,920.00	
Remaining			215,662.47	
		<b>Total this Invoice</b>		<b>\$363.45</b>

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DEC 14 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 47265  
 # 202-451-977.803 \$ 98.13  
 # 592-537-977.310 \$ 265.32  
 OK-g.k  
 SM 12/13/23  
 FB 12-13-23



**ANDERSON, ECKSTEIN & WESTRICK, INC.**  
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**INVOICE**

November 29, 2023  
 Project No: 0160-0464-0  
 Invoice No: 147366

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0464-0 ROSLYN RD WATERMAIN & RESURF(MACK/MARTER)  
 PURCHASE ORDER #23-47805 - \$480,000.00  
 FOR: CONSTRUCTION ADMIN. & CONSTRUCTION OBSERVATION  
Professional Services from October 23, 2023 to November 19, 2023

**Professional Personnel**

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	4.80	114.30	548.64	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	19.70	114.30	2,251.71	
TEAM LEADER	2.00	92.70	185.40	
ENGINEERING AIDE III	2.20	77.70	170.94	
ENGINEERING AIDE I	1.50	62.10	93.15	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	246.40	77.70	19,145.28	
GIS UPDATES				
ENGINEERING AIDE III	.30	77.70	23.31	
Totals	276.90		22,418.43	
<b>Total Labor</b>				<b>22,418.43</b>
		<b>Total this Invoice</b>		<b>\$22,418.43</b>

**RECEIVED**

DEC 14 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 47805  
 # 203-451-977.803 \$5,604.61  
 # 592-537-977.310 \$16,813.82  
 ok - J.K.  
 sm 12/13/23  
 FS 12-13-23



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**INVOICE**

November 29, 2023  
 Project No: 0160-0467-0  
 Invoice No: 147367

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0467-0 2023 SEWER CCTV INVESTIGATION  
 PURCHASE ORDER #23-47812 - \$16,667.00  
 FOR: CONSTRUCTION ADMIN.

Professional Services from October 23, 2023 to November 19, 2023

**Fee**

Construction Cost	65,087.50			
Fee Percentage	9.00			
Total Fee	5,857.88			
Percent Complete	50.00	Total Earned	2,928.94	
		Previous Fee Billing	2,928.94	
		Current Fee Billing	0.00	
		<b>Total Fee</b>		<b>0.00</b>

**Professional Personnel**

	Hours	Rate	Amount	
<b>CONTRACT ADMINISTRATION</b>				
TEAM LEADER	4.00	92.70	370.80	
ENGINEERING AIDE III	1.50	77.70	116.55	
Totals	5.50		487.35	
<b>Total Labor</b>				<b>487.35</b>

**Billing Limits**

	Current	Prior	To-Date	
Total Billings	487.35	9,343.99	9,831.34	
Limit			16,667.00	
Remaining			6,835.66	
		<b>Total this Invoice</b>		<b>\$487.35</b>

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DEC 14 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 47812  
 # 592-537-975.004  
 OK - J.K.  
 SM 12/13/23  
 ES 12-13-23



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**INVOICE**

November 29, 2023  
 Project No: 0160-0468-0  
 Invoice No: 147368

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0468-0 2023 SEWER REHAB PROGRAM  
 PURCHASE ORDER #23-47946 - \$33,333.00  
 FOR: CONSTRUCTION ADMIN.

Professional Services from October 23, 2023 to November 19, 2023

<b>Fee</b>			
Construction Cost	138,692.40		
Fee Percentage	8.75		
Total Fee	12,135.59		
Percent Complete	50.00	Total Earned	6,067.79
		Previous Fee Billing	6,067.79
		Current Fee Billing	0.00
		<b>Total Fee</b>	<b>0.00</b>

**Professional Personnel**

	Hours	Rate	Amount	
<b>CONTRACT ADMINISTRATION</b>				
TEAM LEADER	3.50	92.70	324.45	
ENGINEERING AIDE III	1.00	77.70	77.70	
<b>CONSTRUCTION OBSERVATION</b>				
ENGINEERING AIDE II	25.50	68.80	1,754.40	
Totals	30.00		2,156.55	
<b>Total Labor</b>				<b>2,156.55</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	2,156.55	13,197.10	15,353.65	
Limit			33,333.00	
Remaining			17,979.35	
		<b>Total this Invoice</b>		<b>\$2,156.55</b>

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 DEC 14 2023  
 CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

P047946  
 #592-537-976.001  
 OK-J.K.  
 SM 12/13/23  
 FS 12-13-23



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**INVOICE**

November 29, 2023  
 Project No: 0160-0472-0  
 Invoice No: 147369

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0472-0 2023-2024 GENERAL ENGINEERING  
 PURCHASE ORDER #23-47692 - \$41,000.00  
Professional Services from October 23, 2023 to November 19, 2023

**Professional Personnel**

	Hours	Rate	Amount
<b>RESEARCH/REVIEW</b>			
<b>PRINCIPAL ENGINEER</b>			
LOCKWOOD, SCOTT	.50	114.30	57.15
LOCKWOOD, SCOTT	.50	114.30	57.15
694 Peach Tree Grading			
<b>GENERAL</b>			
<b>LICENSED ENG/SUR/ARC</b>			
WILBERDING, ROSS	1.00	114.30	114.30
Coordinating/scheduling construction budgeting meetings, discussing projects to consider for meeting including walking paths, corr. re: land area at DPW for F. Schulte			
WILBERDING, ROSS	1.00	114.30	114.30
Corr. re: project closeouts for open contracts. Scheduling next FY construction meetings. Discussing Clairview Ct sewer repair with J. Kowalski, F. Varicalli.			
WILBERDING, ROSS	.50	114.30	57.15
Discussing ITA for 2024' SRFs			
<b>DATABASE</b>			
<b>GRADUATE ENG/SUR/ARC</b>			
MASTRACCO, STEFANIA	.50	92.70	46.35
Restored database from 11/6/2023 backup and published in SQL for parcel data restore per Jeanne Duffy at GPW's request.			
<b>GIS UPDATES</b>			
<b>GRADUATE ENG/SUR/ARC</b>			
MILLER, JEFFREY	2.00	92.70	185.40
Addition of CCTV review point and line recommendation layers to Portal			
MILLER, JEFFREY	1.00	92.70	92.70
Restore of deleted water service material parcel/attachment			
MILLER, JEFFREY	.50	92.70	46.35
Troubleshooting of printing issue in Notification App			
MILLER, JEFFREY	.50	92.70	46.35
Updates to water service inspection data/app			
<b>ENGINEERING AIDE III</b>			
KOWALCHICK, ANTHONY	2.50	77.70	194.25
add all sewer rehab recommendations			
KOWALCHICK, ANTHONY	.20	77.70	15.54
add watermain break to GIS			
KOWALCHICK, ANTHONY	2.00	77.70	155.40
creat overall recommendation list for GPW, start to transfer to GIS			

Please include the project number and invoice number on your check.

Project	0160-0472-0	2023-2024 GENERAL ENGINEERING	Invoice	147369
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SVOBODA, JOSEPH	1.50	77.70	116.55	
created aerial image map of the DPW lot north section				
Totals	14.20		1,298.94	
<b>Total Labor</b>				<b>1,298.94</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	1,298.94	4,121.37	5,420.31	
Limit			41,000.00	
Remaining			35,579.69	
		<b>Total this Invoice</b>		<b>\$1,298.94</b>

**Outstanding Invoices**

Number	Date	Balance
146776	10/23/2023	23.31
<b>Total</b>		<b>23.31</b>

*pd 10/5/23*

*PO 47692*  
*#101-265-818.000 \$114.30*  
*#101-441-818.000 \$114.30*  
*#592-537-818.000 \$114.30*  
*#592-537-977.000 \$956.04*  
*OK - J.V.*  
*SM 12/13/23*  
*ES 12-13-23*





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 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315  
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**INVOICE**

November 29, 2023  
 Project No: 0160-0473-0  
 Invoice No: 147370

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0473-0 TORREY ROAD PUMP STATION GENERATOR  
 PURCHASE ORDER #23-48021 - \$110,000.00  
Professional Services from October 23, 2023 to November 19, 2023

**Fee**

Construction Cost 1,600,000.00  
 Fee Percentage 5.80  
 Total Fee 92,800.00

Percent Complete	80.00	Total Earned	74,240.00	
		Previous Fee Billing	46,400.00	
		Current Fee Billing	27,840.00	
		<b>Total Fee</b>		<b>27,840.00</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	27,840.00	46,400.00	74,240.00
Limit			110,000.00
Remaining			35,760.00

**Total this Invoice \$27,840.00**

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**DEC 14 2023**

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 48021  
 #592-542-818.000  
 ok - J.K.  
 sm 12/13/23  
 B 12-13-23

Torrey Road Pump Station Generator  
 AEW Project No. 0160-0473  
 Summary of Time Spent for Design, Specification, Bidding  
 and Subconsultant Fees

Name	Hours	Description
ALLEGOET, JEFFREY	1	CAD Oversight
ARLOW, JASON	1	Architectural Oversight
CARPENTER, AARON	18	Survey
DAVIS, ELIZABETH	6.7	Architectural Design
DE OLIVEIRA, ROSANA	8.9	CAD
DEMPSEY, ALYSSA	8.5	Architectural Design
DUTCHER, NICOLE	4	Architectural Design
GAYESKI JR., JOSEPH	5	Survey Oversight, Project Setup
HUTEK, JERRY	12.5	Survey
KELLEY, SCOTT	35	Architectural Design
LOCKWOOD, SCOTT	15.3	Oversight
SELENO, RICHARD	8.5	Survey
TRUAX, MICHAEL	1	Survey Oversight
WILBERDING, ROSS	32	Project Management
WILSON, COLLIN	3	Survey
ZAUDEL, KEVIN	6	Structural Design
	166.4	

Subconsultants	
Amount	Description
15,000	Peter Basso Associates, Inc.
15,000	Peter Basso Associates, Inc.
30,000	



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**INVOICE**

December 6, 2023  
 Project No: 0160-0474-0  
 Invoice No: 147565

CITY OF GROSSE POINTE WOODS  
 ACCOUNTS PAYABLE  
 20025 MACK AVENUE  
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0474-0 707 N. RENAUD PLOT PLAN REVIEW

Professional Services from September 25, 2023 to November 19, 2023

Professional Personnel

	Hours	Rate	Amount	
MEETINGS				
PRINCIPAL ENGINEER	.50	114.30	57.15	
ENGINEERING PLAN REVIEW				
PRINCIPAL ENGINEER	1.00	114.30	114.30	
Totals	1.50		171.45	
<b>Total Labor</b>				<b>171.45</b>
				<b>Total this Invoice \$171.45</b>

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 DEC 14 2023  
 CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

P047692  
 # 101-265-818.000  
 OK - J.K  
 SM 12/13/23  
 FS 12-13-23



**ANDERSON, ECKSTEIN & WESTRICK, INC.**

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

Shelby Township - Roseville - Livonia

586.726.1234 | www.aewinc.com

December 6, 2023

Shawn Murphy, Controller  
City of Grosse Pointe Woods  
20025 Mack Avenue  
Grosse Pointe Woods, Michigan 48236-2397

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DEC 12 2023

Reference: 2022 Sidewalk Repair Program  
City of Grosse Pointe Woods  
AEW Project No. 0160-0452

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 6 for the above referenced project. For work performed through December 3, 2023 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$40,723.30** to JB Contractors, Inc., 2933 Military Street, Detroit, Michigan 48209.

If you have questions or require additional information, please contact our office.

Sincerely,

DocuSigned by:  
*Frank D. Varicalli*  
C4D17CC8031F4D4...

Frank D. Varicalli  
Infrastructure Rehab Group Lead

PO 47296  
#202-451-976-100 \$ 7,744.67  
#203-451-976-100 \$ 19,361.64  
#592-537-976-100 \$ 11,616.99  
#592-537-818-000 \$ 2,000.00

cc: Frank Schulte, City Administrator  
Jim Kowalski, Director of Public Services  
Jeanne Duffy, Grosse Pointe Woods  
Susan Como, Assistant City Administrator  
Bruce Abbott, JB Contractors, Inc.  
Ross T. Wilberding, AEW, Inc.

OK - J.K.  
SM 12/7/23  
FS 12-7-23



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

12/6/2023 7:13 AM

FieldManager 5.3c

**Contract: .0160-0452, 2022 Sidewalk Repair Program District 8**

Estimate No.	Estimate Date	Entered By	Estimate Type	Managing Office
6	12/3/2023	Michelle Ankawi	Semi-Monthly	Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>		<b>Construction Started Date</b>	<b>Prime Contractor</b>	
			JB Contractors Inc. 2933 Military Street Detroit MI 48209	
<b>Comments</b>				
Current Contract Amount: \$188,600.00 % Completed: 104%				

### Item Usage Summary

**Project: 0160-0452, 2022 Sidewalk Repair Program District 8**

**Category: 0000,**

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Surface Restoration, Seeding	Syd	8167011	0080	0080	00	000	204.000	1.00	\$204.00
Sidewalk, Conc, 4 inch	Sft	8030044	0055	0055	00	000	5,701.150	6.00	\$34,206.90
Sidewalk, Rem	Syd	2040055	0010	0010	00	000	94.120	20.00	\$1,882.40
<b>Subtotal for Category 0000:</b>									<u>\$36,293.30</u>
<b>Subtotal for Project 0160-0452:</b>									<u>\$36,293.30</u>
<b>Total Estimated Item Payment:</b>									<u>\$36,293.30</u>

### Time Charges

Site	Site Description	Site Method	Days Charged	Liq. Damages
00	SITE NUMBERS SHOULD BE CODED 00	Completion Date		<u>\$0</u>
<b>Total Liquidated Damages:</b>				<b>\$0</b>

### Pre-Voucher Summary

Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
0160-0452, 2022 Sidewalk Repair Program District 8	0006	\$36,293.30	\$0.00	\$36,293.30
<b>Voucher Total:</b>				<b>\$36,293.30</b>



### Construction Pay Estimate Report

Anderson, Ecksteln and Westrick, Inc.

12/6/2023 7:13 AM

FieldManager 5.3c

#### Summary

Current Voucher Total:	\$36,293.30	Earnings to date:	\$197,000.00
-Current Retainage:	(\$4,430.00)	- Retainage to date:	\$5,000.00
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
<b>Total Estimated Payment:</b>	<b>\$40,723.30</b>	<b>Net Earnings to date:</b>	<b>\$192,000.00</b>
		- Payments to date:	\$151,276.70
		<b>Net Earnings this period:</b>	<b>\$40,723.30</b>

#### Estimate Certification

I certify the items included on this report constitute my estimate of work completed and due the contractor as of the date of this document.

DocuSigned by:

*Frank D. Varicalli*

12/06/2023

Frank D Varicalli, AEW, Inc.

(Date)



## Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

12/6/2023 7:13 AM

FieldManager 5.3c

**Contract: .0160-0452, 2022 Sidewalk Repair Program District 8**

**Project: 0160-0452, 2022 Sidewalk Repair Program District 8**

**Category: 0000,**

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0005	_ Bonds, Insurance and Initial Set-Up Expense (3% Max)	1027051	1.000	LS		1.000	1.000	100%	5,000.00000	\$5,000.00
0010	Sidewalk, Rem	2040055	1,970.000	Syd	94.120	1,978.430	1,978.430	100%	20.00000	\$39,568.60
0015	_ Subgrade Undercutting, Modified	2057021	40.000	Cyd		9.560	9.560	24%	40.00000	\$382.40
0020	Maintenance Gravel, LM	3060021	50.000	Cyd		53.000	53.000	106%	35.00000	\$1,855.00
0025	_ External Structure Wrap, 18 inch	4027050	3.000	Ea		0.000			800.00000	
0030	Dr Structure Cover, Adj, Case 1, Modified	4030004	3.000	Ea		10.000	10.000	333%	250.00000	\$2,500.00
0035	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea		0.000			250.00000	
0040	Dr Structure, Adj, Add Depth	4030280	10.000	Ft		0.000			250.00000	
0045	_ Dr Structure Frame and Cover, Gate Well	4037050	1.000	Ea		0.000			800.00000	
0050	_ Dr Structure Frame and Cover, Manhole	4037050	2.000	Ea		0.000			800.00000	
0055	Sidewalk, Conc, 4 inch	8030044	15,500.000	Sft	5,701.150	16,412.000	16,412.000	106%	6.00000	\$98,472.00
0060	Sidewalk, Conc, 6 inch	8030046	1,500.000	Sft		1,394.000	1,394.000	93%	7.00000	\$9,758.00
0065	Sidewalk, Conc, 8 inch	8030048	500.000	Sft		0.000			8.50000	
0070	_ Sidewalk Ramp, Conc, 4 inch	8037010	250.000	Sft		0.000			10.00000	
0075	_ Traffic Control and Maintenance	8127051	1.000	LS		1.000	1.000	100%	7,000.00000	\$7,000.00
0080	_ Surface Restoration, Seeding	8167011	300.000	Syd	204.000	364.000	364.000	121%	1.00000	\$364.00
0085	_ Trimming Tree Roots	8167050	100.000	Ea		214.000	214.000	214%	150.00000	\$32,100.00

**Subtotal for Category 0000: 197000.00**

**Subtotal for Project 0160-0452: 197000.00**

**Percentage of Contract Completed(curr): 104%**  
 (total earned to date / total of all authorized work)

**Total Amount Earned This Estimate: \$36,293.30**

**Total Amount Earned To Date: \$197,000.00**



**ANDERSON, ECKSTEIN & WESTRICK, INC.**

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

Shelby Township - Roseville - Livonia

586.726.1234 | www.aewinc.com

December 8, 2023

Shawn Murphy, Deputy Controller  
City of Grosse Pointe Woods  
20025 Mack Avenue  
Grosse Pointe Woods, Michigan 48236-2397

Reference: Roslyn Rd Water Main & Resurfacing Project  
City of Grosse Pointe  
AEW Project No. 0160-0464

RECEIVED

DEC 14 2023

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 3 for the above referenced project. For work performed through December 3, 2023 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$528,238.80** to Pamar Enterprises, Inc., 31604 Pamar Ct, New Haven, MI 48048

If you have questions or require additional information, please contact our office.

Sincerely,

DocuSigned by:  
*Ross T. Wilberding*  
205B23CECB0242B...

Ross T. Wilberding, PE  
Project Manager

PO47945  
# 203-454977.804 \$ 132,059.70  
# 592-537-977.300 \$ 396,179.10  
ok - J.K.

cc: Frank Schulte, City Administrator  
Jim Kowalski, Director of Public Services  
Jeanne Duffy, Grosse Pointe Woods  
Susan Como, Assistant City Administrator  
Matt Biscorner, Pamar Enterprises, Inc.

SM 12/13/23

FS 12-13-23





## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

12/8/2023 10:11 AM

FieldManager 5.3c

**Contract: .0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)**

Estimate No.	Estimate Date	Entered By	Estimate Type	Managing Office
3	12/3/2023	Michelle Ankawi	Semi-Monthly	Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>		<b>Construction Started Date</b>	<b>Prime Contractor</b>	
		8/18/2023	Pamar Enterprises, Inc. 31604 Pamar Court New Haven MI 48048	
<b>Comments</b>				
Current Contract Amount: \$2,524,727.75 % Completed: 49%				

### Item Usage Summary

**Project: 0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)**
**Category: 0000,**

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Reimbursed Permit Fees	Dir	1077060	0005	0005	00	000	1,080.000	1.00	\$1,080.00
Mobilization, Max \$55,000	LS	1100001	0010	0010	00	000	0.500	55,000.00	\$27,500.00
_ Post-TV Sewer Laterals	Ea	4027050	0120	0120	00	000	68.000	195.00	\$13,260.00
_ Sanitary Lead Repair	Ea	4027050	0130	0130	00	000	3.000	750.00	\$2,250.00
_ Traffic Control, Minor Street	LS	8127051	0300	0300	00	000	0.250	48,000.00	\$12,000.00
Gate Valve, 8 inch	Ea	8230062	0330	0330	00	000	1.000	5,000.00	\$5,000.00
Gate Well, Rem	Ea	8230076	0340	0340	00	000	1.000	200.00	\$200.00
Hydrant, Rem	Ea	8230091	0345	0345	00	000	4.000	550.00	\$2,200.00
Water Main, DI, 8 inch, Tr Det G	Ft	8230156	0355	0355	00	000	22.000	280.00	\$6,160.00
Gate Well, 60 inch dia	Ea	8230360	0370	0370	00	000	1.000	5,000.00	\$5,000.00
_ Water Main, HDPE, DR 11, 8 inch, Pipe Bu rst	Ft	8237001	0385	0385	00	000	1,141.900	280.00	\$319,732.00
_ Fire Hydrant Assembly	Ea	8237050	0390	0390	00	000	4.000	11,500.00	\$46,000.00
_ Gate Well Cover, GPW	Ea	8237050	0395	0395	00	000	2.000	500.00	\$1,000.00
_ Water Main Connection, 8 inch	Ea	8237050	0410	0410	00	000	1.000	7,500.00	\$7,500.00
_ Water Serv, Modified	Ea	8237050	0415	0415	00	000	135.000	550.00	\$74,250.00
_ Water Serv, Special	Ea	8237050	0420	0420	00	000	1.000	8,800.00	\$8,800.00
_ Temporary Water Service	LS	8237051	0425	0425	00	000	1.000	55,000.00	\$55,000.00
<b>Subtotal for Category 0000:</b>								<b>\$586,932.00</b>	
<b>Subtotal for Project 0160-0464:</b>								<b>\$586,932.00</b>	
<b>Total Estimated Item Payment:</b>								<b>\$586,932.00</b>	



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

12/8/2023 10:11 AM

FieldManager 5.3c

### Time Charges

Site	Site Description	Site Method	Days Charged	Liq. Damages
00	SITE NUMBERS SHOULD BE CODED 00	Completion Date		\$0
<b>Total Liquidated Damages:</b>				<b>\$0</b>

### Pre-Voucher Summary

Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)	0003	\$586,932.00	\$0.00	\$586,932.00
<b>Voucher Total:</b>				<b>\$586,932.00</b>

### Summary

Current Voucher Total:	\$586,932.00	Earnings to date:	\$1,228,653.00
-Current Retainage:	\$58,693.20	- Retainage to date:	\$122,865.30
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
<b>Total Estimated Payment:</b>	<b>\$528,238.80</b>	<b>Net Earnings to date:</b>	<b>\$1,105,787.70</b>
		- Payments to date:	\$577,548.90
		<b>Net Earnings this period:</b>	<b>\$528,238.80</b>

### Estimate Certification

I certify the items included on this report constitute my estimate of work completed and due the contractor as of the date of this document.

<div style="border: 1px solid black; padding: 2px; display: inline-block;">DocuSigned by: Ross T. Wilberding</div> _____ Ross T. Wilberding	12/08/2023 _____ (Date)
---	-------------------------------



## Construction Pay Estimate Amount Balance Report

Estimate: 3

12/8/2023 10:11 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Contract: .0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)**

**Project: 0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)**

**Category: 0000,**

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0005	_ Reimbursed Permit Fees	1077060	2,500.000	Dir	1,080.000	1,080.000	1,080.000	43%	1.00000	\$1,080.00
0010	Mobilization, Max \$55,000	1100001	1.000	LS	0.500	1.000	1.000	100%	55,000.00000	\$55,000.00
0015	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea		10.000	10.000	500%	2,200.00000	\$22,000.00
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea		1.000	1.000	100%	3,500.00000	\$3,500.00
0025	Tree, Rem, 6 inch to 18 inch	2020004	34.000	Ea		29.000	29.000	85%	350.00000	\$10,150.00
0030	Dr Structure, Abandon	2030010	1.000	Ea		0.000			350.00000	
0035	Dr Structure, Rem	2030011	24.000	Ea		0.000			650.00000	
0040	Sewer, Rem, Less than 24 inch	2030015	508.000	Ft		0.000			15.00000	
0045	Curb and Gutter, Rem	2040020	4,200.000	Ft		0.000			10.00000	
0050	Pavt, Rem	2040050	350.000	Syd		0.000			18.00000	
0055	Sidewalk, Rem	2040055	665.000	Syd		0.000			16.00000	
0060	Exploratory Investigation, Vertical	2040080	350.000	Fl		0.000			65.00000	
0065	_ Driveway, Rem	2047011	1,120.000	Syd		0.000			17.00000	
0070	_ Subgrade Undercutting, Modified	2057021	250.000	Cyd		0.000			55.00000	
0075	_ Subgrade Undercutting, Special	2057021	125.000	Cyd		0.000			55.00000	
0080	Ero Con, Inlet Protection, Fabric Drop	2080020	24.000	Ea		0.000			65.00000	
0085	Aggregate Base	3020001	250.000	Ton		0.000			50.00000	
0090	Aggregate Base, 6 inch	3020016	1,550.000	Syd		0.000			13.00000	
0095	Aggregate Base, 11 inch	3020028	600.000	Syd		0.000			20.00000	
0100	Aggregate Base, Conditioning	3020050	100.000	Syd		0.000			2.00000	
0105	Maintenance Gravel	3060020	600.000	Ton		0.000			10.00000	
0110	_ Trenching, Modified	3077002	42.000	Sta		0.000			500.00000	
0115	Sewer, CI IV, 12 inch, Tr Det B	4020987	550.000	Ft		0.000			182.00000	
0120	_ Post-TV Sewer Laterals	4027050	1.000	Ea	68.000	68.000	68.000	6800%	195.00000	\$13,260.00
0125	_ Pre-TV Sewer Laterals	4027050	65.000	Ea		9.000	9.000	14%	195.00000	\$1,755.00
0130	_ Sanitary Lead Repair	4027050	7.000	Ea	3.000	4.000	4.000	57%	750.00000	\$3,000.00
0135	_ Sewer Bulkhead, 10 inch	4027050	1.000	Ea		0.000			250.00000	
0140	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea		0.000			800.00000	
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea		0.000			750.00000	

Contract: .0160-0464

Estimate: 3

Page 1 of 4



## Construction Pay Estimate Amount Balance Report

Estimate: 3

12/8/2023 10:11 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project:** 0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)

**Category:** 0000,

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0150	Dr Structure, 24 inch dia	4030200	12.000	Ea		0.000			3,200.00000	
0155	Dr Structure, 48 Inch dia	4030210	12.000	Ea		0.000			4,500.00000	
0160	Dr Structure, Tap, 12 inch	4030312	12.000	Ea		0.000			550.00000	
0165	_ Catch Basin Cover, Restricted, GPW	4037050	24.000	Ea		0.000			600.00000	
0170	_ Combined Manhole Cover, GPW	4037050	12.000	Ea		0.000			600.00000	
0175	_ Dr Structure Trap, 12 inch	4037050	12.000	Ea		0.000			700.00000	
0180	_ External Structure Wrap, 18 inch	4037050	36.000	Ea		0.000			550.00000	
0185	Underdrain, Subgrade, 4 inch	4040071	480.000	Ft		0.000			18.00000	
0190	_ Pop-Up Emitter, Storm Drain, Residential	4047050	2.000	Ea		0.000			350.00000	
0195	Pavt, Cleaning	5010001	1.000	LS		0.000			500.00000	
0200	HMA Surface, Rem	5010005	2,000.000	Syd		0.000			3.50000	
0205	Hand Patching	5010025	400.000	Ton		0.000			225.00000	
0210	HMA, 4EML	5012025	25.000	Ton		0.000			119.45000	
0215	HMA, 5EML	5012037	1,250.000	Ton		0.000			123.85000	
0220	_ Cold Milling Pavt	5017011	3,300.000	Syd		0.000			3.75000	
0225	_ Cold Milling Pavt, Modified	5017011	5,700.000	Syd		0.000			4.17000	
0230	_ Geosynthetic Paving Fabric	5017011	9,000.000	Syd		0.000			4.17000	
0235	_ HMA, 4EML, Wedge Cse	5017031	240.000	Ton		0.000			190.00000	
0240	_ Curb and Gutter, Conc Base Cse	6027021	125.000	Cyd		0.000			416.00000	
0245	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	1,050.000	Syd		0.000			57.00000	
0250	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	70.000	Syd		0.000			68.00000	
0255	Driveway Opening, Conc, Det M	8020050	58.000	Ft		0.000			35.00000	
0260	_ Curb and Gutter, Conc, Det F2, Modified	8027001	4,200.000	Ft		0.000			25.00000	
0265	Detectable Warning Surface	8030010	80.000	Ft		0.000			90.00000	
0270	Curb Ramp Opening, Conc	8030030	96.000	Ft		0.000			65.00000	
0275	Sidewalk, Conc, 4 inch	8030044	3,000.000	Sft		0.000			6.00000	
0280	Sidewalk, Conc, 6 inch	8030046	1,500.000	Sft		0.000			7.00000	

**Contract:** .0160-0464

**Estimate:** 3

Page 2 of 4



## Construction Pay Estimate Amount Balance Report

Estimate: 3

12/8/2023 10:11 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project:** 0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)

**Category:** 0000,

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0285	Sidewalk, Conc, 8 inch	8030048	50.000	Sft		0.000			8.00000	
0290	Curb Ramp, Conc, 4 inch	8032001	850.000	Sft		0.000			26.00000	
0295	_ Curb Ramp, Conc, 8 Inch	8037010	560.000	Sft		0.000			28.00000	
0300	_ Traffic Control, Minor Street	8127051	1.000	LS	0.250	0.250	0.250	25%	48,000.00000	\$12,000.00
0305	_ Proposed Trees	8157050	37.000	Ea		0.000			500.00000	
0310	Sodding	8160055	3,600.000	Syd		0.000			5.00000	
0315	Topsoil Surface, Furn, 3 inch	8160061	3,600.000	Syd		0.000			6.00000	
0320	Water, Sodding/Seeding	8160090	30.000	Unit		0.000			15.00000	
0325	_ Staking First Row of Sod	8167001	4,000.000	Ft		0.000			2.00000	
0330	Gate Valve, 8 inch	8230062	2.000	Ea	1.000	2.000	2.000	100%	5,000.00000	\$10,000.00
0335	Gate Well, Abandon	8230075	1.000	Ea		0.000			150.00000	
0340	Gate Well, Rem	8230076	2.000	Ea	1.000	2.000	2.000	100%	200.00000	\$400.00
0345	Hydrant, Rem	8230091	6.000	Ea	4.000	6.000	6.000	100%	550.00000	\$3,300.00
0350	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea		0.000			550.00000	
0355	Water Main, DI, 8 inch, Tr Det G	8230156	1.000	Ft	22.000	42.000	42.000	4200%	280.00000	\$11,760.00
0360	Water Serv	8230240	1.000	Ea		0.000			1,500.00000	
0365	Water Serv, Long	8230245	1.000	Ea		0.000			2,800.00000	
0370	Gate Well, 60 inch dia	8230360	2.000	Ea	1.000	2.000	2.000	100%	5,000.00000	\$10,000.00
0375	Water Shutoff, Adj, Case 2	8230422	1.000	Ea		0.000			250.00000	
0380	_ Irrigation Pipe	8237001	2,800.000	Ft		0.000			6.50000	
0385	_ Water Main, HDPE, DR 11, 8 inch, Pipe Bu rst	8237001	3,020.000	Ft	1,141.900	2,987.600	2,987.600	99%	280.00000	\$836,528.00
0390	_ Fire Hydrant Assembly	8237050	6.000	Ea	4.000	6.000	6.000	100%	11,500.00000	\$69,000.00
0395	_ Gate Well Cover, GPW	8237050	2.000	Ea	2.000	2.000	2.000	100%	500.00000	\$1,000.00
0400	_ Sprinkler Head	8237050	280.000	Ea		0.000			95.00000	
0405	_ Sprinkler Head, Adj	8237050	35.000	Ea		0.000			50.00000	
0410	_ Water Main Connection, 8 inch	8237050	2.000	Ea	1.000	2.000	2.000	100%	7,500.00000	\$15,000.00
0415	_ Water Serv, Modified	8237050	142.000	Ea	135.000	139.000	139.000	98%	550.00000	\$76,450.00
0420	_ Water Serv, Special	8237050	1.000	Ea	1.000	2.000	2.000	200%	8,800.00000	\$17,600.00



## Construction Pay Estimate Amount Balance Report

Estimate: 3

12/8/2023 10:11 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project:** 0160-0464, Roslyn WM & HMA Resurfacing (Marter-Mack)

**Category:** 0000,

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0425	_ Temporary Water Service	8237051	1.000	LS	1.000	1.000	1.000	100%	55,000.00000	\$55,000.00
0430	_ Audio Visual Record of Construction Area	8507051	1.000	LS		1.000	1.000	100%	870.00000	\$870.00
0435	_ Rubbish Pickup	8507051	1.000	LS		0.000			100.00000	

**Subtotal for Category 0000:** 1228653.00

**Subtotal for Project 0160-0464:** 1228653.00

**Percentage of Contract Completed(curr): 49%**  
 (total earned to date / total of all authorized work)

**Total Amount Earned This Estimate:** \$586,932.00

**Total Amount Earned To Date:** \$1,228,653.00