



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

**INVOICE**

September 6, 2023  
 Project No: 0160-0446-0  
 Invoice No: 0145784

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 July 31, 2023 to August 27, 2023

**Professional Personnel**

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	4.00	114.30	457.20	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	7.00	114.30	800.10	
ENGINEERING AIDE III	2.40	77.70	186.48	
CONSTRUCTION OBSERVATION				
GRADUATE ENG/SUR/ARC	117.00	92.70	10,845.90	
ENGINEERING AIDE III	7.00	77.70	543.90	
Totals	137.40		12,833.58	
<b>Total Labor</b>				<b>12,833.58</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	12,833.58	59,309.07	72,142.65	
Limit			217,000.00	
Remaining			144,857.35	
		<b>Total this Invoice</b>		<b>\$12,833.58</b>

**Outstanding Invoices**

Number	Date	Balance
0145468	8/17/2023	1,383.75
<b>Total</b>		<b>1,383.75</b>

**RECEIVED**  
 SEP 13 2023  
 CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 21-46704  
 #592-537-977.310  
 ok - J.K  
 SS  
 FS



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

**INVOICE**

September 6, 2023  
 Project No: 0160-0450-0  
 Invoice No: 0145785

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

Project 0160-0450-0 2022 MISC CONCRETE REPAIR PROGRAM  
 PURCHASE ORDER #22-47268 - \$104,000.00  
 FOR: CONTRACT ADMIN. & GIS UPDATES  
Professional Services from July 31, 2023 to August 27, 2023

**Professional Personnel**

	Hours	Rate	Amount	
<b>CONTRACT ADMINISTRATION</b>				
TEAM LEADER	.50	92.70	46.35	
ENGINEERING AIDE III	.70	77.70	54.39	
ENGINEERING AIDE I	.50	62.10	31.05	
Totals	1.70		131.79	
<b>Total Labor</b>				<b>131.79</b>

**Reimbursable Expenses**

<b>REIMB. MISC. EXPENSE</b>				
8/8/2023	G2 CONSULTING GROUP	Invoice# 231781	854.00	
	<b>Total Reimbursables</b>		<b>854.00</b>	<b>854.00</b>

**Billing Limits**

	Current	Prior	To-Date	
Total Billings	985.79	82,426.68	83,412.47	
Limit			104,000.00	
Remaining			20,587.53	
		<b>Total this Invoice</b>		<b>\$985.79</b>

**Outstanding Invoices**

Number	Date	Balance
0145469	8/17/2023	23,430.01
<b>Total</b>		<b>23,430.01</b>

P022-47268  
 #202-451-974.201 \$19.72  
 #203-451-974.201 \$364.74  
 #585-571-978.300 \$78.86  
 #592-537-975.401 \$522.47

OK-J.R.  
 SS  
 FS

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CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

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

**INVOICE**

Invoice Number: 231781  
 Invoice Date: June 30, 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. 0160-0450	220773	
<b>Payment Terms</b>	<b>Due Date</b>	<b>Ship Date</b>	<b>Shipping Method</b>
Net 30 Days	July 30, 2023		

Quantity	Description	Unit Price	Amount
5.50	Engineering Technician, Regular Hours, each	68.00	374.00
1.50	Engineering Technician, Regular Hours - Cylinder Pick-Up on 6/8/23	68.00	102.00
1.00	Project Manager, per hour	156.00	156.00
0.50	Administrative Assistant, per hour	60.00	30.00
12.00	Compressive Strength Test Cylinders, each	16.00	192.00
	GPW Concrete Repair, Grosse Pointe Woods, Michigan - Quality Control Observation and Testing Services on 6/5/23 and 6/7/23		
	Client Contact: Brad Smith		

**Total Invoice Amount                    \$                    854.00**

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**

September 6, 2023  
 Project No: 0160-0455-0  
 Invoice No: 0145786

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

Project 0160-0455-0 VERNIER & MACK AVE INTERSECTION IMPROVE.  
 PURCHASE ORDER #23-47808 - \$100,000.00  
Professional Services from July 31, 2023 to August 27, 2023

**Fee**

Construction Cost 1,750,000.00  
 Fee Percentage 5.75  
 Total Fee 100,625.00

Percent Complete 80.00 Total Earned 80,500.00  
 Previous Fee Billing 70,437.50  
 Current Fee Billing 10,062.50  
**Total Fee 10,062.50**

Billing Limits	Current	Prior	To-Date
Total Billings	10,062.50	70,437.50	80,500.00
Limit			100,000.00
Remaining			19,500.00

**Total this Invoice \$10,062.50**

**Outstanding Invoices**

Number	Date	Balance
0145474	8/17/2023	70,437.50
<b>Total</b>		<b>70,437.50</b>

PO 23-47808  
 #202-451-974.803  
 OK-J.K  
 SS  
 FS

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CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

Mack & Vernier Intersection Improvements  
 AEW Project No. 0160-0455  
 Summary of Time Spent for Design, Specification, Bidding  
 and Subconsultant Fees

Name	Hours	Description
ALLEGOET, JEFFREY	2.7	CAD Oversight
ANGER, SCOTT	70.5	Survey
BIGELOW, JUSTICE	4	Survey
BIRKETT, CHRISTOPHER	9.5	Survey
BOVE, JULIA	19	Design
DE OLIVEIRA, ROSANA	52.4	CAD
DELAPAZ, CARLIE	258	Design, Traffic
DUCKWITZ, KEVIN	3.5	Survey
GAYESKI JR., JOSEPH	14.5	Survey Oversight, Project Setup
KAFERLE, JARED	7	Survey
KAFERLE, KATHLEEN	0.4	Admin
KEKHWA, DANNY	66.2	Admin
KOWALCHICK, ANTHONY	3	GIS
LOCKWOOD, SCOTT	40.8	Oversight
LUTFI, MOHAMMED	136	Design, Traffic
RICKARD, EMILY	62.8	CAD
PIOTROWSKI, KEVIN	7.5	CAD
SHERMAN, JAMES	4	Survey
SOMMERS, DAVID	50	Admin
STRICKER, CALVIN	32	Design, Traffic
SWITZER, BRIDGET	0.5	Admin
TINSLEY, ZACHRAY	12	Traffic
TRUAX, MICHAEL	45.5	Survey Oversight
VIGNERON, MICHAEL	26.3	Design Oversight
WILBERDING, ROSS	106	Design/Oversight
	1034.1	

Expenses	Amount	Description
	10305	Geotechnical Investigation & Report
	10305	



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**INVOICE**

September 6, 2023  
 Project No: 0160-0456-0  
 Invoice No: 0145787

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

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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 July 31, 2023 to August 27, 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

**Professional Personnel**

	Hours	Rate	Amount	
CONSTRUCTION STAKEOUT				
TEAM LEADER	1.00	92.70	92.70	
RECORD PLANS				
TEAM LEADER	1.00	92.70	92.70	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	6.00	114.30	685.80	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	24.20	114.30	2,766.06	
TEAM LEADER	1.00	92.70	92.70	
ENGINEERING AIDE III	5.30	77.70	411.81	
ENGINEERING AIDE I	2.30	62.10	142.83	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	129.70	77.70	10,077.69	
ENGINEERING AIDE TRAINEE	13.00	44.90	583.70	
Totals	183.50		14,945.99	
<b>Total Labor</b>				<b>14,945.99</b>

**Unit Billing**

3 PERSON CREW-CONSTRUCTION STAKEOUT	5.0 HOURS @ 183.00	915.00	
3 PERSON CREW-CONSTRUCTION STAKEOUT	19.5 HOURS @ 188.10	3,667.95	
2 PERSON CREW-BUILDING LAYOUT	3.0 HOURS @ 156.50	469.50	
2 PERSON CREW-RECORD PLAN	4.0 HOURS @ 156.50	626.00	
<b>Total Units</b>		<b>5,678.45</b>	<b>5,678.45</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	20,624.44	189,510.40	210,134.84
Limit			436,920.00
Remaining			226,785.16

**Total this Invoice \$20,624.44**

**Outstanding Invoices**

Number	Date	Balance
0145475	8/17/2023	27,849.12
<b>Total</b>		<b>27,849.12</b>

P022-47265  
 #202-451-977.803 \$5,568.60  
 #592-537-977.310 \$15,055.84  
 ok - J.K SS FS



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**INVOICE**

September 6, 2023  
 Project No: 0160-0464-0  
 Invoice No: 0145788

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

**Professional Services from July 31, 2023 to August 27, 2023**

**Fee**

Construction Cost 2,524,727.75  
 Fee Percentage 5.60  
 Total Fee 141,384.75

Percent Complete 100.00 Total Earned 141,384.75  
 Previous Fee Billing 70,692.38  
 Current Fee Billing 70,692.37  
**Total Fee 70,692.37**

**Professional Personnel**

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
LICENSED ENG/SUR/ARC	18.50	114.30	2,114.55
ENGINEERING AIDE III	.20	77.70	15.54
CONSTRUCTION OBSERVATION			
ENGINEERING AIDE III	26.20	77.70	2,035.74
Totals	44.90		4,165.83
<b>Total Labor</b>			<b>4,165.83</b>

Billing Limits	Current	Prior	To-Date
Total Billings	74,858.20	70,692.38	145,550.58
Limit			480,000.00
Remaining			334,449.42
		<b>Total this Invoice</b>	<b>\$74,858.20</b>

**Outstanding Invoices**

Number	Date	Balance
0145478	8/17/2023	70,692.38
<b>Total</b>		<b>70,692.38</b>

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CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 23-47805  
 #203-451-977.803 \$ 18,714.55  
 #592-537-977.310 \$ 56,143.65  
 ok - J.K.  
 CS FS

Roslyn Rd Water Main & Resurfacing (Mack to Marter)  
 AEW Project No. 0160-0464  
 Summary of Time Spent for Design, Specification, Bidding  
 and Subconsultant Fees

Name	Hours	Description
ALLEGOET, JEFFREY	0.5	CAD Oversight
BICKHAM, BRENDA	2	Admin
BIRKETT, CHRISTOPHER	6.5	Survey
BOVE, JULIA	75	Design
BROWN, GREGORY	24.2	Construction Observation
CARPENTER, AARON	56.5	Survey
DE OLIVEIRA, ROSANA	43.5	CAD
DUBAY, GAIL	1	Admin
GAYESKI JR., JOSEPH	19.5	Survey Oversight, Project Setup
KAFERLE, KATHLEEN	1.1	Admin
KEHRER, SCOTT	3.5	Survey
KOWALCHICK, ANTHONY	3.7	GIS
LAGODNA, CARL	11.5	Survey
LOCKWOOD, SCOTT	18.3	Oversight
MARCUS, PATRICK	1	Design
MASSEY, BRANDON	25	Survey
MILLER, THOMAS	0.2	Construction Administration
PIOTROWSKI, KEVIN	156.4	CAD
SELENO, RICHARD	34.5	Survey
SOMMERS, DAVID	2	Construction Observation
TRUAX, MICHAEL	21	Survey Oversight
WALKER, COLLIN	25	Survey
WILBERDING, ROSS	82	Design
	613.9	





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**INVOICE**

September 6, 2023  
 Project No: 0160-0467-0  
 Invoice No: 0145789

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: DESIGN & CONSTRUCTION ADMIN.

**RECEIVED**  
 SEP 13 2023

**Professional Services from July 31, 2023 to August 27, 2023**

<b>Fee</b>					
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>

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

**Professional Personnel**

	Hours	Rate	Amount	
<b>PRINTS</b>				
ENGINEERING AIDE II	1.40	68.80	96.32	
<b>CONTRACT ADMINISTRATION</b>				
PRINCIPAL ENGINEER	.50	114.30	57.15	
GRADUATE ENG/SUR/ARC	4.50	92.70	417.15	
TEAM LEADER	5.00	92.70	463.50	
ENGINEERING AIDE III	.50	77.70	38.85	
ENGINEERING AIDE I	.30	62.10	18.63	
<b>GIS UPDATES</b>				
GRADUATE ENG/SUR/ARC	1.50	92.70	139.05	
ENGINEERING AIDE III	1.50	77.70	116.55	
Totals	15.20		1,347.20	
<b>Total Labor</b>				<b>1,347.20</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	1,347.20	4,793.56	6,140.76
Limit			16,667.00
Remaining			10,526.24

**Total this Invoice \$1,347.20**

**Outstanding Invoices**

Number	Date	Balance
0145481	8/17/2023	4,793.56
<b>Total</b>		<b>4,793.56</b>

PO 23-47812  
 #592-537-975-004  
 OK - J.K.  
 S.S.  
 F.S.



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**INVOICE**

September 6, 2023  
 Project No: 0160-0470-0  
 Invoice No: 0145791

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

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Project 0160-0470-0 2023 SIDEWALK REPAIR PROGRAM  
 PURCHASE ORDER #23-47839 - \$5,000.00  
 FOR: DESIGN & CONSTRUCTION ADMIN.

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

Professional Services from July 31, 2023 to August 27, 2023  
**Professional Personnel**

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
PRINCIPAL ENGINEER	2.00	114.30	228.60
TEAM LEADER	1.00	92.70	92.70
GIS UPDATES			
ENGINEERING AIDE III	1.50	77.70	116.55
Totals	4.50		437.85
<b>Total Labor</b>			<b>437.85</b>

Billing Limits	Current	Prior	To-Date
Total Billings	437.85	1,551.40	1,989.25
Limit			5,000.00
Remaining			3,010.75

**Total this Invoice \$437.85**

**Outstanding Invoices**

Number	Date	Balance
0145483	8/17/2023	1,551.40
<b>Total</b>		<b>1,551.40</b>

PO 23-47839  
 # 202-451-976.100 \$ 87.56  
 # 203-451-976.100 \$ 218.93  
 # 592-537-976.100 \$ 131.36  
 ok - J.K.  
 SS  
 FS



**ANDERSON, ECKSTEIN & WESTRICK, INC.**  
 CIVIL ENGINEERS SURVEYORS ARCHITECTS  
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315  
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**INVOICE**

September 6, 2023  
 Project No: 0160-0471-0  
 Invoice No: 0145792

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

Project 0160-0471-0 2023 SIDEWALK GRINDING PROGRAM  
 PURCHASE ORDER #23-47807

Professional Services from July 31, 2023 to August 27, 2023

**Professional Personnel**

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	1.00	114.30	114.30	
UTILITIES				
LICENSED ENG/SUR/ARC	1.00	114.30	114.30	
MEETINGS				
LICENSED ENG/SUR/ARC	1.50	114.30	171.45	
Totals	3.50		400.05	
<b>Total Labor</b>				<b>400.05</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	400.05	0.00	400.05	
Limit			3,000.00	
Remaining			2,599.95	
		<b>Total this Invoice</b>		<b>\$400.05</b>

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CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 23-47807  
 # 202-451-976.100 \$ 80.00  
 # 203-451-976.160 \$ 200.03  
 # 592-537-976.100 \$ 120.02  
 OK - J.K.  
 SS  
 FS



ANDERSON, ECKSTEIN & WESTRICK, INC.  
 CIVIL ENGINEERS SURVEYORS ARCHITECTS  
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315  
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**INVOICE**

September 6, 2023

Project No: 0160-0472-0

Invoice No: 0145793

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

Professional Services from July 31, 2023 to August 27, 2023

**Professional Personnel**

	Hours	Rate	Amount
<b>RESEARCH/REVIEW</b>			
PRINCIPAL ENGINEER			
LOCKWOOD, SCOTT	1.00	114.30	114.30
General engineering and updates			
<b>GENERAL</b>			
LICENSED ENG/SUR/ARC			
WILBERDING, ROSS	1.50	114.30	171.45
Meeting to come up with GPW E-contract book process. Preparing agenda for monthly engineering meeting			
WILBERDING, ROSS	2.50	114.30	285.75
Monthly Engineering Meeting. Driving to do spot checking PASER ratings with J. Kowalski			
GRADUATE ENG/SUR/ARC			
MILLER, JEFFREY	.50	92.70	46.35
Review of potential mismatched sewer videos on S. Renaud St			
<b>Totals</b>	<b>5.50</b>		<b>617.85</b>
<b>Total Labor</b>			<b>617.85</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	617.85	1,005.90	1,623.75
Limit			41,000.00
Remaining			39,376.25

**Total this Invoice \$617.85**

**Outstanding Invoices**

Number	Date	Balance
0145746	8/22/2023	1,005.90
<b>Total</b>		<b>1,005.90</b>

**RECEIVED**

SEP 13 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PO 47692  
 #101-265-818.000 \$ 205.95  
 #101-441-818.000 \$ 205.95  
 #592-537-818.000 \$ 205.95  
 ok - J.K SS FS*



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

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

Shelby Township - Roseville - Livonia  
586.726.1234 | www.aewinc.com

September 11, 2023

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

Reference: Hampton Rd Water Main & Resurfacing Project  
Mack to Marter  
City of Grosse Pointe Woods  
AEW Project No. 0160-0456

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 4 for the above referenced project. For work performed through September 3, 2023 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$478,496.82** to Pamar Enterprises, Inc., 31604 Pamar Court, 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  
Project Manager

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.

PO 47569  
#202-451-977.804 \$ 167,473.88  
#592-537-977.300 \$ 311,022.94

ok - J.K.  
SS  
FS

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## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

9/11/2023 8:51 AM

FieldManager 5.3c

**Contract: .0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)**

<b>Estimate No.</b> 4	<b>Estimate Date</b> 9/3/2023	<b>Entered By</b> Michelle Ankawi	<b>Estimate Type</b> Semi-Monthly	<b>Managing Office</b> Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>	<b>Construction Started Date</b>	<b>Prime Contractor</b> Pamar Enterprises, Inc. 31604 Pamar Court New Haven MI 48048		
<b>Comments</b> Current Contract Amount: \$1,626,132.00 % Completed: 91%				

### Item Usage Summary

Project: 0160-0456, Hampton WM &amp; HMA Resurfacing (Mack-Marter)

Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Cold Milling Pavt	Syd	5017011	0220	0220	00	000	3,689.180	3.75	\$13,834.43
_ Geosynthetic Paving Fabric	Syd	5017011	0225	0225	00	000	8,133.060	4.17	\$33,914.86
_ Irrigation Pipe	Ft	8237001	0365	0365	00	000	373.000	6.50	\$2,424.50
_ Pop-Up Emitter, Storm Drain, Residential	Ea	4047050	0190	0190	00	000	2.000	350.00	\$700.00
_ Rubbish Pickup	LS	8507051	0420	0420	00	000	1.000	100.00	\$100.00
_ Sprinkler Head	Ea	8237050	0385	0385	00	000	72.000	95.00	\$6,840.00
_ Staking First Row of Sod	Ft	8167001	0310	0310	00	000	2,888.000	2.00	\$5,776.00
_ Traffic Control, Minor Street	LS	8127051	0285	0285	00	000	0.500	48,000.00	\$24,000.00
Aggregate Base, Conditioning	Syd	3020050	0100	0100	00	000	4,881.840	2.00	\$9,763.68
Curb and Gutter, Rem	Ft	2040020	0045	0045	00	000	3,577.000	10.00	\$35,770.00
Dr Structure, 24 inch dia	Ea	4030200	0150	0150	00	000	2.000	3,200.00	\$6,400.00
HMA, 4EML	Ton	5012025	0210	0210	00	000	800.160	119.45	\$95,579.11
HMA, 5EML	Ton	5012037	0215	0215	00	000	1,057.000	123.85	\$130,909.45
Sodding	Syd	8160055	0295	0295	00	000	2,175.560	5.00	\$10,877.80
Topsoil Surface, Furn, 3 inch	Syd	8160061	0300	0300	00	000	2,175.560	6.00	\$13,053.36
<b>Subtotal for Category 0000:</b>									<b>\$389,943.19</b>
<b>Subtotal for Project 0160-0456:</b>									<b>\$389,943.19</b>
<b>Total Estimated Item Payment:</b>									<b>\$389,943.19</b>



## Construction Pay Estimate Report

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### 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

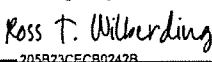
Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)	0004	\$389,943.19	\$0.00	\$389,943.19
<b>Voucher Total:</b>				<b>\$389,943.19</b>

### Summary

Current Voucher Total:	\$389,943.19	Earnings to date:	\$1,475,479.40
-Current Retainage:	(\$88,553.63)	- Retainage to date:	\$20,000.00
-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>\$478,496.82</b>	<b>Net Earnings to date:</b>	<b>\$1,455,479.40</b>
		- Payments to date:	\$976,982.58
		<b>Net Earnings this period:</b>	<b>\$478,496.82</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:  
  
 205B23CEC80242B

Ross Wilberding, P.E.

09/11/2023

(Date)



## Construction Pay Estimate Amount Balance Report

Estimate: 4

9/11/2023 8:51 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Contract:** .0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)

**Project:** 0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)

**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	1,500.000	Dir		1,880.000	1,880.000	125%	1.00000	\$1,880.00
0010	Mobilization, Max \$55,000	1100001	1.000	LS		1.000	1.000	100%	55,000.00000	\$55,000.00
0015	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea		8.000	8.000	400%	2,200.00000	\$17,600.00
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea		0.000			3,500.00000	
0025	Tree, Rem, 6 inch to 18 inch	2020004	23.000	Ea		15.000	15.000	65%	350.00000	\$5,250.00
0030	Dr Structure, Abandon	2030010	1.000	Ea		0.000			350.00000	
0035	Dr Structure, Rem	2030011	24.000	Ea		23.000	23.000	96%	650.00000	\$14,950.00
0040	Sewer, Rem, Less than 24 inch	2030015	432.000	Ft		370.500	370.500	86%	15.00000	\$5,557.50
0045	Curb and Gutter, Rem	2040020	3,700.000	Ft	3,577.000	3,577.000	3,577.000	97%	10.00000	\$35,770.00
0050	Pavt, Rem	2040050	207.000	Syd		165.310	165.310	80%	18.00000	\$2,975.58
0055	Sidewalk, Rem	2040055	430.000	Syd		108.330	108.330	25%	16.00000	\$1,733.28
0060	Exploratory Investigation, Vertical	2040080	16.000	Ft		0.000			65.00000	
0065	_ Driveway, Rem	2047011	800.000	Syd		706.440	706.440	88%	17.00000	\$12,009.48
0070	_ Subgrade Undercutting, Modified	2057021	200.000	Cyd		0.000			55.00000	
0075	_ Subgrade Undercutting, Special	2057021	100.000	Cyd		0.000			55.00000	
0080	Ero Con, Inlet Protection, Fabric Drop	2080020	28.000	Ea		25.000	25.000	89%	65.00000	\$1,625.00
0085	Aggregate Base	3020001	500.000	Ton		0.000			50.00000	
0090	Aggregate Base, 6 inch	3020016	1,100.000	Syd		993.650	993.650	90%	13.00000	\$12,917.45
0095	Aggregate Base, 11 inch	3020028	625.000	Syd		505.670	505.670	81%	20.00000	\$10,113.40
0100	Aggregate Base, Conditioning	3020050	5,000.000	Syd	4,881.840	4,881.840	4,881.840	98%	2.00000	\$9,763.68
0105	Maintenance Gravel	3060020	250.000	Ton		0.000			10.00000	
0110	_ Trenching, Modified	3077002	38.000	Sta		35.770	35.770	94%	500.00000	\$17,885.00
0115	Sewer, CI IV, 12 inch, Tr Det B	4020987	431.000	Ft		447.000	447.000	104%	182.00000	\$81,354.00
0120	_ Post-TV Sewer Laterals	4027050	62.000	Ea		0.000			195.00000	
0125	_ Pre-TV Sewer Laterals	4027050	62.000	Ea		62.000	62.000	100%	195.00000	\$12,090.00
0130	_ Sanitary Lead Repair	4027050	0.000	Ea		1.000	1.000		750.00000	\$750.00
0135	_ Sewer Bulkhead, 10 inch	4027050	1.000	Ea		19.000	19.000	1900%	250.00000	\$4,750.00
0140	Dr Structure Cover, Adj, Case 1	4030005	19.000	Ea		5.000	5.000	26%	800.00000	\$4,000.00
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea		1.000	1.000	100%	750.00000	\$750.00





## Construction Pay Estimate Amount Balance Report

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FieldManager 5.3c

**Project:** 0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)

**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	20.000	Ea	2.000	18.000	18.000	90%	3,200.00000	\$57,600.00
0155	Dr Structure, 48 inch dia	4030210	8.000	Ea		8.000	8.000	100%	4,500.00000	\$36,000.00
0160	Dr Structure, Tap, 12 inch	4030312	18.000	Ea		15.000	15.000	83%	550.00000	\$8,250.00
0165	_ Catch Basin Cover, Restricted, GPW	4037050	27.000	Ea		25.000	25.000	93%	600.00000	\$15,000.00
0170	_ Combined Manhole Cover, GPW	4037050	20.000	Ea		4.000	4.000	20%	600.00000	\$2,400.00
0175	_ Dr Structure Trap, 12 inch	4037050	19.000	Ea		11.000	11.000	58%	700.00000	\$7,700.00
0180	_ External Structure Wrap, 18 inch	4037050	47.000	Ea		9.000	9.000	19%	550.00000	\$4,950.00
0185	Underdrain, Subgrade, 4 inch	4040071	540.000	Ft		348.000	348.000	64%	18.00000	\$6,264.00
0190	_ Pop-Up Emitter, Storm Drain, Residential	4047050	2.000	Ea	2.000	2.000	2.000	100%	350.00000	\$700.00
0195	Pavt, Cleaning	5010001	1.000	LS		0.000			500.00000	
0200	HMA Surface, Rem	5010005	5,400.000	Syd		5,184.300	5,184.300	96%	3.50000	\$18,145.05
0205	Hand Patching	5010025	20.000	Ton		0.000			225.00000	
0210	HMA, 4EML	5012025	830.000	Ton	800.160	800.160	800.160	96%	119.45000	\$95,579.11
0215	HMA, 5EML	5012037	975.000	Ton	1,057.000	1,057.000	1,057.000	108%	123.85000	\$130,909.45
0220	_ Cold Milling Pavt	5017011	3,900.000	Syd	3,689.180	3,689.180	3,689.180	95%	3.75000	\$13,834.43
0225	_ Geosynthetic Paving Fabric	5017011	8,750.000	Syd	8,133.060	8,133.060	8,133.060	93%	4.17000	\$33,914.86
0230	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	900.000	Syd		842.120	842.120	94%	57.00000	\$48,000.84
0235	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	60.000	Syd		35.590	35.590	59%	68.00000	\$2,420.12
0240	Driveway Opening, Conc, Det M	8020050	86.000	Ft		96.000	96.000	112%	35.00000	\$3,360.00
0245	_ Curb and Gutter, Conc, Det F2, Modified	8027001	3,600.000	Ft		3,504.400	3,504.400	97%	25.00000	\$87,610.00
0250	Detectable Warning Surface	8030010	70.000	Ft		70.000	70.000	100%	90.00000	\$6,300.00
0255	Curb Ramp Opening, Conc	8030030	84.000	Ft		0.000			65.00000	
0260	Sidewalk, Conc, 4 inch	8030044	2,125.000	Sft		1,627.200	1,627.200	77%	6.00000	\$9,763.20
0265	Sidewalk, Conc, 6 inch	8030046	400.000	Sft		82.800	82.800	21%	7.00000	\$579.60
0270	Sidewalk, Conc, 8 inch	8030048	45.000	Sft		0.000			8.00000	
0275	Curb Ramp, Conc, 4 inch	8032001	650.000	Sft		736.950	736.950	113%	26.00000	\$19,160.70
0280	_ Curb Ramp, Conc, 8 Inch	8037010	650.000	Sft		714.020	714.020	110%	28.00000	\$19,992.56



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**Category:** 0000,

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0285	_ Traffic Control, Minor Street	8127051	1.000	LS	0.500	1.000	1.000	100%	48,000.00000	\$48,000.00
0290	_ Proposed Trees	8157050	25.000	Ea		0.000			500.00000	
0295	Sodding	8160055	2,800.000	Syd	2,175.560	2,175.560	2,175.560	78%	5.00000	\$10,877.80
0300	Topsoil Surface, Furn, 3 inch	8160061	2,800.000	Syd	2,175.560	2,175.560	2,175.560	78%	6.00000	\$13,053.36
0305	Water, Sodding/Seeding	8160090	55.000	Unit		0.000			15.00000	
0310	_ Staking First Row of Sod	8167001	3,000.000	Ft	2,888.000	2,888.000	2,888.000	96%	2.00000	\$5,776.00
0315	Gate Valve, 8 inch	8230062	0.000	Ea		0.000			5,000.00000	
0320	Gate Well, Abandon	8230075	0.000	Ea		0.000			150.00000	
0325	Gate Well, Rem	8230076	0.000	Ea		0.000			200.00000	
0330	Hydrant, Rem	8230091	0.000	Ea		0.000			550.00000	
0335	Water Main, 8 inch, Cut and Plug	8230132	0.000	Ea		0.000			550.00000	
0340	Water Main, DI, 8 inch, Tr Det G	8230156	0.000	Ft		0.000			280.00000	
0345	Water Serv	8230240	2.000	Ea		1.000	1.000	50%	1,500.00000	\$1,500.00
0350	Water Serv, Long	8230245	0.000	Ea		1.000	1.000		2,800.00000	\$2,800.00
0355	Gate Well, 60 inch dia	8230360	0.000	Ea		0.000			5,000.00000	
0360	Water Shutoff, Adj, Case 2	8230422	0.000	Ea		0.000			250.00000	
0365	_ Irrigation Pipe	8237001	400.000	Ft	373.000	373.000	373.000	93%	6.50000	\$2,424.50
0370	_ Water Main, HDPE, DR 11, 8 inch, Pipe Bu rst	8237001	0.000	Ft		0.000			280.00000	
0375	_ Fire Hydrant Assembly	8237050	0.000	Ea		0.000			11,500.00000	
0380	_ Gate Well Cover, GPW	8237050	0.000	Ea		0.000			500.00000	
0385	_ Sprinkler Head	8237050	40.000	Ea	72.000	72.000	72.000	180%	95.00000	\$6,840.00
0390	_ Sprinkler Head, Adj	8237050	5.000	Ea		0.000			50.00000	
0395	_ Water Main Connection, 8 inch	8237050	1.000	Ea		1.000	1.000	100%	7,500.00000	\$7,500.00
0400	_ Water Serv, Modified	8237050	0.000	Ea		0.000			550.00000	
0405	_ Water Serv, Special	8237050	2.000	Ea		2.000	2.000	100%	8,800.00000	\$17,600.00
0410	_ Temporary Water Service	8237051	1.000	LS		1.000	1.000	100%	55,000.00000	\$55,000.00
0415	_ Audio Visual Record of Construction Area	8507051	1.000	LS		1.000	1.000	100%	870.00000	\$870.00
0420	_ Rubbish Pickup	8507051	1.000	LS	1.000	1.000	1.000	100%	100.00000	\$100.00



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FieldManager 5.3c

Project: 0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)

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	_ Cost Adjustment for Water Main Scope Reduction	1027051	1.000	LS		1.000	1.000	100%	178,479.45000	\$178,479.45
0430	_ Sanitary Lateral Repair	4027050	15.000	Ea		15.000	15.000	100%	12,500.00000	\$187,500.00
<b>Subtotal for Category 0000:</b>										<u>1475479.40</u>
<b>Subtotal for Project 0160-0456:</b>										<u>1475479.40</u>

Percentage of Contract Completed(curr): 91%  
(total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$389,943.19

Total Amount Earned To Date: \$1,475,479.40