



**ANDERSON, ECKSTEIN & WESTRICK, INC.**  
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS  
Shelby Township - Roseville - Livonia  
586.726.1234 | www.aewinc.com

May 31, 2024

Steven Schmidt, Controller  
City of Grosse Pointe Woods  
20025 Mack Avenue  
Grosse Pointe Woods, Michigan 48236-2397

**RECEIVED**

**JUN 1 2 2024**

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

**Reference: Pay Estimate 05**  
Roslyn Rd Water Main & Resurfacing Project  
City of Grosse Pointe Woods  
AEW Project No. 0160-0464

Dear Mr. Schmidt:

Enclosed please find Construction Pay Estimate No. 5 for the above referenced project. For work performed through April 28, 2024 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$359,280.78** 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

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.  
Scott Lockwood, AEW, Inc.  
Paul Antolin, Grosse Pointe Woods

PO 47945  
#203-451-977.804 \$89,820.20  
#592-537-977.300 \$269,460.58

OK - J.K

SS 6/5/24

[Signature] 6-5-24



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

5/31/2024 11:04 AM

FieldManager 5.3c

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

<b>Estimate No.</b> 5	<b>Estimate Date</b> 5/26/2024	<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> 8/18/2023	<b>Prime Contractor</b> Pamar Enterprises, Inc. 31604 Pamar Court New Haven MI 48048		
<b>Comments</b> Current Contract Amount: \$2,524,727.75 % Completed: 69%					

### 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
Curb and Gutter, Rem	Ft	2040020	0045	0045	00	000	32.600	10.00	\$326.00
Pavt, Rem	Syd	2040050	0050	0050	00	000	353.680	18.00	\$6,366.24
Sidewalk, Rem	Syd	2040055	0055	0055	00	000	805.560	16.00	\$12,888.96
Aggregate Base, 11 inch	Syd	3020028	0095	0095	00	000	74.330	20.00	\$1,486.60
Dr Structure Cover, Adj, Case 1	Ea	4030005	0140	0140	00	000	26.000	800.00	\$20,800.00
_ External Structure Wrap, 18 inch	Ea	4037050	0180	0180	00	000	27.000	550.00	\$14,850.00
Underdrain, Subgrade, 4 inch	Ft	4040071	0185	0185	00	000	62.000	18.00	\$1,116.00
_ Pop-Up Emitter, Storm Drain, Residential	Ea	4047050	0190	0190	00	000	3.000	350.00	\$1,050.00
_ Curb and Gutter, Conc Base Cse	Cyd	6027021	0240	0240	00	000	62.500	416.00	\$26,000.00
_ Driveway, Nonreinf Conc, 6 inch, Modified	Syd	8017011	0245	0245	00	000	911.740	57.00	\$51,969.18
_ Driveway, Nonreinf Conc, 8 inch, Modified	Syd	8017011	0250	0250	00	000	22.060	68.00	\$1,500.08
Driveway Opening, Conc, Det M	Ft	8020050	0255	0255	00	000	39.000	35.00	\$1,365.00
_ Curb and Gutter, Conc, Det F2, Modified	Ft	8027001	0260	0260	00	000	4,280.000	25.00	\$107,000.00
Detectable Warning Surface	Ft	8030010	0265	0265	00	000	95.600	90.00	\$8,604.00
Curb Ramp Opening, Conc	Ft	8030030	0270	0270	00	000	122.900	65.00	\$7,988.50
Sidewalk, Conc, 4 inch	Sft	8030044	0275	0275	00	000	6,166.160	6.00	\$36,996.96
Sidewalk, Conc, 6 inch	Sft	8030046	0280	0280	00	000	240.980	7.00	\$1,686.86
Sidewalk, Conc, 8 inch	Sft	8030048	0285	0285	00	000	223.500	8.00	\$1,788.00
Curb Ramp, Conc, 4 inch	Sft	8032001	0290	0290	00	000	1,015.550	26.00	\$26,404.30
_ Curb Ramp, Conc, 8 Inch	Sft	8037010	0295	0295	00	000	785.950	28.00	\$22,006.60
_ Irrigation Pipe	Ft	8237001	0380	0380	00	000	345.000	6.50	\$2,242.50



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

5/31/2024 11:04 AM

FieldManager 5.3c

### 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
_ Sprinkler Head	Ea	8237050	0400	0400	00	000	51.000	95.00	\$4,845.00
<b>Subtotal for Category 0000:</b>									<b>\$359,280.78</b>
<b>Subtotal for Project 0160-0464:</b>									<b>\$359,280.78</b>
<b>Total Estimated Item Payment:</b>									<b>\$359,280.78</b>

### 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)	0005	\$359,280.78	\$0.00	\$359,280.78
<b>Voucher Total:</b>				<b>\$359,280.78</b>

### Summary

Current Voucher Total:	\$359,280.78	Earnings to date:	\$1,731,680.21
-Current Retainage:	\$0.00	- Retainage to date:	\$126,236.39
-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>\$359,280.78</b>	<b>Net Earnings to date:</b>	<b>\$1,605,443.82</b>
		- Payments to date:	\$1,246,163.04
		<b>Net Earnings this period:</b>	<b>\$359,280.78</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:  
  
 Ross T. Wilberding

05/31/2024

(Date)



## Construction Pay Estimate Amount Balance Report

Estimate: 5

5/31/2024 11:04 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		2,475.000	2,475.000	99%	1.00000	\$2,475.00
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		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		78.000	78.000	15%	15.00000	\$1,170.00
0045	Curb and Gutter, Rem	2040020	4,200.000	Ft	32.600	4,112.800	4,112.800	98%	10.00000	\$41,128.00
0050	Pavt, Rem	2040050	350.000	Syd	353.680	444.700	444.700	127%	18.00000	\$8,004.60
0055	Sidewalk, Rem	2040055	665.000	Syd	805.560	806.890	806.890	121%	16.00000	\$12,910.24
0060	Exploratory Investigation, Vertical	2040080	350.000	Ft		0.000			65.00000	
0065	_ Driveway, Rem	2047011	1,120.000	Syd		799.760	799.760	71%	17.00000	\$13,595.92
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		26.000	26.000	108%	65.00000	\$1,690.00
0085	Aggregate Base	3020001	250.000	Ton		0.000			50.00000	
0090	Aggregate Base, 6 inch	3020016	1,550.000	Syd		1,491.240	1,491.240	96%	13.00000	\$19,386.12
0095	Aggregate Base, 11 inch	3020028	600.000	Syd	74.330	134.500	134.500	22%	20.00000	\$2,690.00
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		40.690	40.690	97%	500.00000	\$20,345.00
0115	Sewer, CI IV, 12 inch, Tr Det B	4020987	550.000	Ft		78.000	78.000	14%	182.00000	\$14,196.00
0120	_ Post-TV Sewer Laterals	4027050	1.000	Ea		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		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	26.000	26.000	26.000	217%	800.00000	\$20,800.00
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea		0.000			750.00000	



## Construction Pay Estimate Amount Balance Report

Estimate: 5

Anderson, Eckstein and Westrick, Inc.

5/31/2024 11:04 AM

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		6.000	6.000	50%	550.00000	\$3,300.00
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	27.000	27.000	27.000	75%	550.00000	\$14,850.00
0185	Underdrain, Subgrade, 4 inch	4040071	480.000	Ft	62.000	62.000	62.000	13%	18.00000	\$1,116.00
0190	_ Pop-Up Emitter, Storm Drain, Residential	4047050	2.000	Ea	3.000	5.000	5.000	250%	350.00000	\$1,750.00
0195	Pavt, Cleaning	5010001	1.000	LS		0.000			500.00000	
0200	HMA Surface, Rem	5010005	2,000.000	Syd		86.670	86.670	4%	3.50000	\$303.35
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	62.500	62.500	62.500	50%	416.00000	\$26,000.00
0245	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	1,050.000	Syd	911.740	911.740	911.740	87%	57.00000	\$51,969.18
0250	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	70.000	Syd	22.060	22.060	22.060	32%	68.00000	\$1,500.08
0255	Driveway Opening, Conc, Det M	8020050	58.000	Ft	39.000	39.000	39.000	67%	35.00000	\$1,365.00
0260	_ Curb and Gutter, Conc, Det F2, Modified	8027001	4,200.000	Ft	4,280.000	4,280.000	4,280.000	102%	25.00000	\$107,000.00
0265	Delectable Warning Surface	8030010	80.000	Ft	95.600	95.600	95.600	120%	90.00000	\$8,604.00
0270	Curb Ramp Opening, Conc	8030030	96.000	Ft	122.900	122.900	122.900	128%	65.00000	\$7,988.50
0275	Sidewalk, Conc, 4 inch	8030044	3,000.000	Sft	6,166.160	6,166.160	6,166.160	206%	6.00000	\$36,996.96
0280	Sidewalk, Conc, 6 inch	8030046	1,500.000	Sft	240.980	240.980	240.980	16%	7.00000	\$1,686.86



## Construction Pay Estimate Amount Balance Report

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Anderson, Eckstein and Westrick, Inc.

5/31/2024 11:04 AM

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	223.500	223.500	223.500	447%	8.00000	\$1,788.00
0290	Curb Ramp, Conc, 4 inch	8032001	850.000	Sft	1,015.550	1,015.550	1,015.550	119%	26.00000	\$26,404.30
0295	_ Curb Ramp, Conc, 8 Inch	8037010	560.000	Sft	785.950	785.950	785.950	140%	28.00000	\$22,006.60
0300	_ Traffic Control, Minor Street	8127051	1.000	LS		0.750	0.750	75%	48,000.00000	\$36,000.00
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	_ Slaking First Row of Sod	8167001	4,000.000	Ft		0.000			2.00000	
0330	Gate Valve, 8 inch	8230062	2.000	Ea		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		2.000	2.000	100%	200.00000	\$400.00
0345	Hydrant, Rem	8230091	6.000	Ea		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		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		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	345.000	345.000	345.000	12%	6.50000	\$2,242.50
0385	_ Water Main, HDPE, DR 11, 8 inch, Pipe Bu rst	8237001	3,020.000	Ft		2,987.600	2,987.600	99%	280.00000	\$836,528.00
0390	_ Fire Hydrant Assembly	8237050	6.000	Ea		6.000	6.000	100%	11,500.00000	\$69,000.00
0395	_ Gate Well Cover, GPW	8237050	2.000	Ea		2.000	2.000	100%	500.00000	\$1,000.00
0400	_ Sprinkler Head	8237050	280.000	Ea	51.000	51.000	51.000	18%	95.00000	\$4,845.00
0405	_ Sprinkler Head, Adj	8237050	35.000	Ea		0.000			50.00000	
0410	_ Water Main Connection, 8 inch	8237050	2.000	Ea		2.000	2.000	100%	7,500.00000	\$15,000.00
0415	_ Water Serv, Modified	8237050	142.000	Ea		139.000	139.000	98%	550.00000	\$76,450.00
0420	_ Water Serv, Special	8237050	1.000	Ea		2.000	2.000	200%	8,800.00000	\$17,600.00



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Anderson, Eckstein and Westrick, Inc.

5/31/2024 11:04 AM

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	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	
<b>Subtotal for Category 0000:</b>										<b>1731680.21</b>
<b>Subtotal for Project 0160-0464:</b>										<b>1731680.21</b>

**Percentage of Contract Completed(curr): 69%**  
 (total earned to date / total of all authorized work)

**Total Amount Earned This Estimate: \$359,280.78**

**Total Amount Earned To Date: \$1,731,680.21**