



ANDERSON, ECKSTEIN & WESTRICK, INC.
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

5111 Schmale Road, Shelby Township, MI 48075
313.281.2811, www.aewinc.com

July 6, 2023

RECEIVED

JUL 13 2023

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

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. 2 for the above referenced project. For work performed through June 30, 2023 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$455,869.66** 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

P047569
#202-451-977.804 \$159,554.38
#592-537-977.300 \$296,315.28
ok - J.K.
SM 7/12/23
FS - 7-12-23

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.



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

7/6/2023 12:47 PM

FieldManager 5.3c

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

Estimate No.	Estimate Date	Entered By	Estimate Type	Managing Office
2	6/30/2023	Michelle Ankawi	Semi-Monthly	Anderson, Eckstein and Westrick, Inc.
All Contract Work Completed		Construction Started Date	Prime Contractor	
			Pamar Enterprises, Inc. 31604 Pamar Court New Haven MI 48048	
Comments				
Current Contract Amount: \$1,626,132.20 % Completed: 36%				

Item Usage Summary

Project: 0160-0456, Hampton WM & 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
_ Catch Basin Cover, Restricted, GPW	Ea	4037050	0165	0165	00	000	5.000	600.00	\$3,000.00
_ Cost Adjustment for Water Main Scope Reduction	LS	1027051	0425	0425	SA	001	1.000	178,479.45	\$178,479.45
_ Dr Structure Trap, 12 inch	Ea	4037050	0175	0175	00	000	3.000	700.00	\$2,100.00
_ Driveway, Rem	Syd	2047011	0065	0065	00	000	18.940	17.00	\$321.98
_ Sanitary Lateral Repair	Ea	4027050	0430	0430	SA	001	14.000	12,500.00	\$175,000.00
_ Sewer Bulkhead, 10 inch	Ea	4027050	0135	0135	00	000	8.000	250.00	\$2,000.00
_ Temporary Water Service	LS	8237051	0410	0410	00	000	0.500	55,000.00	\$27,500.00
_ Traffic Control, Minor Street	LS	8127051	0285	0285	00	000	0.500	48,000.00	\$24,000.00
_ Water Main Connection, 8 inch	Ea	8237050	0395	0395	00	000	1.000	7,500.00	\$7,500.00
Aggregate Base, 11 inch	Syd	3020028	0095	0095	00	000	270.360	20.00	\$5,407.20
Dr Structure, 24 inch dia	Ea	4030200	0150	0150	00	000	5.000	3,200.00	\$16,000.00
Dr Structure, Rem	Ea	2030011	0035	0035	00	000	4.000	650.00	\$2,600.00
Dr Structure, Tap, 12 inch	Ea	4030312	0160	0160	00	000	5.000	550.00	\$2,750.00
Ero Con, Inlet Protection, Fabric Drop	Ea	2080020	0080	0080	00	000	4.000	65.00	\$260.00
Mobilization, Max \$55,000	LS	1100001	0010	0010	00	000	0.500	55,000.00	\$27,500.00
Sewer, CI IV, 12 inch, Tr Det B	Ft	4020987	0115	0115	00	000	88.000	182.00	\$16,016.00
Sewer, Rem, Less than 24 inch	Ft	2030015	0040	0040	00	000	70.500	15.00	\$1,057.50
Sidewalk, Rem	Syd	2040055	0055	0055	00	000	9.670	16.00	\$154.72
Tree, Rem, 19 inch to 36 inch	Ea	2020002	0015	0015	00	000	7.000	2,200.00	\$15,400.00
Tree, Rem, 37 inch or Larger	Ea	2020003	0020	0020	00	000	-0.500	3,500.00	\$-1,750.00



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

7/6/2023 12:47 PM

FieldManager 5.3c

Item Usage Summary

Project: 0160-0456, Hampton WM & 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
Tree, Rem, 6 inch to 18 inch	Ea	2020004	0025	0025	00	000	3.500	350.00	\$1,225.00
Subtotal for Category 0000:									\$506,521.85
Subtotal for Project 0160-0456:									\$506,521.85
Total Estimated Item Payment:									\$506,521.85

Time Charges

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

Pre-Voucher Summary

Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
0160-0456, Hampton WM & HMA Resurfacing (Mack-Marter)	0002	\$506,521.85	\$0.00	\$506,521.85
Voucher Total:				\$506,521.85

Summary

Current Voucher Total:	\$506,521.85	Earnings to date:	\$584,336.85
-Current Retainage:	\$50,652.19	- Retainage to date:	\$58,433.69
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
Total Estimated Payment:	\$455,869.66	Net Earnings to date:	\$525,903.16
		- Payments to date:	\$70,033.50
		Net Earnings this period:	\$455,869.66

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

07/06/2023

205823CECB0242B...
Ross Wilberding, P.E.

(Date)



Construction Pay Estimate Amount Balance Report

Estimate: 2

7/6/2023 12:47 PM

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	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	7.000	8.000	8.000	400%	2,200.00000	\$17,600.00
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea	-0.500	0.000			3,500.00000	
0025	Tree, Rem, 6 inch to 18 inch	2020004	23.000	Ea	3.500	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	4.000	4.000	4.000	17%	650.00000	\$2,600.00
0040	Sewer, Rem, Less than 24 inch	2030015	432.000	Ft	70.500	70.500	70.500	16%	15.00000	\$1,057.50
0045	Curb and Gutter, Rem	2040020	3,700.000	Ft		0.000			10.00000	
0050	Pavt, Rem	2040050	207.000	Syd		0.000			18.00000	
0055	Sidewalk, Rem	2040055	430.000	Syd	9.670	9.670	9.670	2%	16.00000	\$154.72
0060	Exploratory Investigation, Vertical	2040080	16.000	Ft		0.000			65.00000	
0065	_ Driveway, Rem	2047011	800.000	Syd	18.940	18.940	18.940	2%	17.00000	\$321.98
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	4.000	4.000	4.000	14%	65.00000	\$260.00
0085	Aggregate Base	3020001	500.000	Ton		0.000			50.00000	
0090	Aggregate Base, 6 inch	3020016	1,100.000	Syd		0.000			13.00000	
0095	Aggregate Base, 11 inch	3020028	625.000	Syd	270.360	270.360	270.360	43%	20.00000	\$5,407.20
0100	Aggregate Base, Conditioning	3020050	5,000.000	Syd		0.000			2.00000	
0105	Maintenance Gravel	3060020	250.000	Ton		0.000			10.00000	
0110	_ Trenching, Modified	3077002	38.000	Sta		0.000			500.00000	
0115	Sewer, CI IV, 12 inch, Tr Det B	4020987	431.000	Ft	88.000	88.000	88.000	20%	182.00000	\$16,016.00
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		0.000			750.00000	
0135	_ Sewer Bulkhead, 10 inch	4027050	1.000	Ea	8.000	8.000	8.000	800%	250.00000	\$2,000.00
0140	Dr Structure Cover, Adj, Case 1	4030005	19.000	Ea		0.000			800.00000	
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea		0.000			750.00000	



Construction Pay Estimate Amount Balance Report

Estimate: 2

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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	5.000	5.000	5.000	25%	3,200.00000	\$16,000.00
0155	Dr Structure, 48 inch dia	4030210	8.000	Ea		0.000			4,500.00000	
0160	Dr Structure, Tap, 12 inch	4030312	18.000	Ea	5.000	5.000	5.000	28%	550.00000	\$2,750.00
0165	_ Catch Basin Cover, Restricted, GPW	4037050	27.000	Ea	5.000	5.000	5.000	19%	600.00000	\$3,000.00
0170	_ Combined Manhole Cover, GPW	4037050	20.000	Ea		0.000			600.00000	
0175	_ Dr Structure Trap, 12 inch	4037050	19.000	Ea	3.000	3.000	3.000	16%	700.00000	\$2,100.00
0180	_ External Structure Wrap, 18 inch	4037050	47.000	Ea		0.000			550.00000	
0185	Underdrain, Subgrade, 4 inch	4040071	540.000	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	5,400.000	Syd		0.000			3.50000	
0205	Hand Patching	5010025	20.000	Ton		0.000			225.00000	
0210	HMA, 4EML	5012025	830.000	Ton		0.000			119.45000	
0215	HMA, 5EML	5012037	975.000	Ton		0.000			123.85000	
0220	_ Cold Milling Pavt	5017011	3,900.000	Syd		0.000			3.75000	
0225	_ Geosynthetic Paving Fabric	5017011	8,750.000	Syd		0.000			4.17000	
0230	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	900.000	Syd		0.000			57.00000	
0235	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	60.000	Syd		0.000			68.00000	
0240	Driveway Opening, Conc, Det M	8020050	86.000	Ft		0.000			35.00000	
0245	_ Curb and Gutter, Conc, Det F2, Modified	8027001	3,600.000	Ft		0.000			25.00000	
0250	Detectable Warning Surface	8030010	70.000	Ft		0.000			90.00000	
0255	Curb Ramp Opening, Conc	8030030	84.000	Ft		0.000			65.00000	
0260	Sidewalk, Conc, 4 inch	8030044	2,125.000	Sft		0.000			6.00000	
0265	Sidewalk, Conc, 6 inch	8030046	400.000	Sft		0.000			7.00000	
0270	Sidewalk, Conc, 8 inch	8030048	45.000	Sft		0.000			8.00000	
0275	Curb Ramp, Conc, 4 inch	8032001	650.000	Sft		0.000			26.00000	
0280	_ Curb Ramp, Conc, 8 Inch	8037010	650.000	Sft		0.000			28.00000	



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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
0285	_ Traffic Control, Minor Street	8127051	1.000	LS	0.500	0.500	0.500	50%	48,000.00000	\$24,000.00
0290	_ Proposed Trees	8157050	25.000	Ea		0.000			500.00000	
0295	Sodding	8160055	2,800.000	Syd		0.000			5.00000	
0300	Topsoil Surface, Furn, 3 inch	8160061	2,800.000	Syd		0.000			6.00000	
0305	Water, Sodding/Seeding	8160090	55.000	Unit		0.000			15.00000	
0310	_ Staking First Row of Sod	8167001	3,000.000	Ft		0.000			2.00000	
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		0.000			1,500.00000	
0350	Water Serv, Long	8230245	0.000	Ea		0.000			2,800.00000	
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		0.000			6.50000	
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		0.000			95.00000	
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	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		0.000			8,800.00000	
0410	_ Temporary Water Service	8237051	1.000	LS	0.500	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		0.000			100.00000	



Construction Pay Estimate Amount Balance Report

Estimate: 2

Anderson, Eckstein and Westrick, Inc.

7/6/2023 12:47 PM

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	1.000	100%	178,479.45000	\$178,479.45
0430	_ Sanitary Lateral Repair	4027050	15.000	Ea	14.000	14.000	14.000	93%	12,500.00000	\$175,000.00

Subtotal for Category 0000: 584336.85

Subtotal for Project 0160-0456: 584336.85

Percentage of Contract Completed(curr): 36%
 (total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$506,521.85

Total Amount Earned To Date: \$584,336.85