



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

INVOICE

April 21, 2023
 Project No: 0160-0446-0
 Invoice No: 0143299

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
Professional Services from March 13, 2023 to April 9, 2023

Professional Personnel

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
LICENSED ENG/SUR/ARC	3.00	111.20	333.60
TEAM LEADER	.50	90.20	45.10
CONSTRUCTION OBSERVATION			
ENGINEERING AIDE III	2.50	75.60	189.00
Totals	6.00		567.70
Total Labor			567.70

Billing Limits	Current	Prior	To-Date
Total Billings	567.70	56,752.06	57,319.76
Limit			217,000.00
Remaining			159,680.24
		Total this Invoice	\$567.70

P046704
 #592-537-977.310
 OK - J.K.
 SM 5/3/23
 KB 5-3-23

RECEIVED

MAY 10 2023

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT



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

April 21, 2023
 Project No: 0160-0450-0
 Invoice No: 0143300

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.

Professional Services from March 13, 2023 to April 9, 2023

Professional Personnel

	Hours	Rate	Amount
QUANTITIES			
ENGINEERING AIDE III	5.00	75.60	378.00
CONTRACT ADMINISTRATION			
TEAM LEADER	1.80	90.20	162.36
ENGINEERING AIDE I	.30	60.40	18.12
MEETINGS			
TEAM LEADER	1.00	90.20	90.20
Totals	8.10		648.68
Total Labor			648.68

Billing Limits	Current	Prior	To-Date
Total Billings	648.68	49,739.13	50,387.81
Limit			104,000.00
Remaining			53,612.19
		Total this Invoice	\$648.68

PO 47268
 #202-451-974.201 \$12.98
 #203-451-974.201 \$240.01
 #585-571-978.300 \$51.89
 #592-537-975.401 \$343.80
 OK - J.K.
 SM 5/3/23
 H 5-3-23

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 CITY OF GROSSE POINTE WOODS
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 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

April 21, 2023
 Project No: 0160-0452-0
 Invoice No: 0143301

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

Project 0160-0452-0 2022 SIDEWALK REPAIR PROGRAM DIST 8
 PURCHASE ORDER #22-47267 - \$10,000.00
 FOR: CONTRACT ADMIN.

Professional Services from March 13, 2023 to April 9, 2023

Fee

Construction Cost	188,600.00		
Fee Percentage	4.24		
Total Fee	7,996.64		
Percent Complete	50.00	Total Earned	3,998.32
		Previous Fee Billing	3,998.32
		Current Fee Billing	0.00
		Total Fee	0.00

Professional Personnel

	Hours	Rate	Amount
SECRETARIAL			
SECRETARIAL	.50	35.70	17.85
CONTRACT ADMINISTRATION			
TEAM LEADER	2.50	90.20	225.50
ENGINEERING AIDE III	.80	75.60	60.48
ENGINEERING AIDE I	.20	60.40	12.08
MEETINGS			
TEAM LEADER	2.50	90.20	225.50
Totals	6.50		541.41
Total Labor			541.41

Billing Limits

	Current	Prior	To-Date
Total Billings	541.41	7,348.37	7,889.78
Limit			10,000.00
Remaining			2,110.22

Total this Invoice \$541.41

PO 47267
 # 202-451-976.100 \$ 406.06
 # 592-537-976.100 \$ 135.35
 OK - J.K.
 SM 5/13/23
 BS 5-3-23

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CITY OF GROSSE POINTE WOODS
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 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

April 21, 2023
 Project No: 0160-0456-0
 Invoice No: 0143302

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.

Professional Services from March 13, 2023 to April 9, 2023

Professional Personnel

	Hours	Rate	Amount
RESEARCH/REVIEW			
PRINCIPAL ENGINEER	3.50	111.20	389.20
PRINTS			
ENGINEERING AIDE II	.70	66.90	46.83
CONTRACT ADMINISTRATION			
LICENSED ENG/SUR/ARC	11.50	111.20	1,278.80
TEAM LEADER	.50	90.20	45.10
ENGINEERING AIDE I	1.00	60.40	60.40
CONSTRUCTION OBSERVATION			
TEAM LEADER	1.00	90.20	90.20
ENGINEERING AIDE III	2.50	75.60	189.00
Totals	20.70		2,099.53
Total Labor			2,099.53

Billing Limits	Current	Prior	To-Date
Total Billings	2,099.53	131,973.63	134,073.16
Limit			436,920.00
Remaining			302,846.84
		Total this Invoice	\$2,099.53

Outstanding Invoices

Number	Date	Balance
0142829	3/24/2023	37,515.73
Total		37,515.73

Pd 4/20/23

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

*PO 47265
 #202-451-977.803 \$566.87
 #592-537-977.310 \$1,532.66
 OK - J.K.
 sm 5/3/23
 FS 5-3-23*



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

INVOICE

PO 47065

www.aewinc.com p(586)726-1234

#101-441-818.000 \$389.20
 #101-265-818.000 \$389.20
 #592-537-818.000 \$389.20
 ok - J.K. Sm 5/3/23

FS 5-3-23

April 21, 2023

Project No:

0160-0459-0

Invoice No:

0143303

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

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Project 0160-0459-0 2022-2023 GENERAL ENGINEERING

PURCHASE ORDER #22-47065 - \$15,000.00

Professional Services from March 13, 2023 to April 9, 2023

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

Professional Personnel

	Hours	Rate	Amount
RESEARCH/REVIEW			
PRINCIPAL ENGINEER			
LOCKWOOD, SCOTT	2.00	111.20	222.40
GENERAL			
LICENSED ENG/SUR/ARC			
WILBERDING, ROSS	.50	111.20	55.60
Coordinating engineering meeting and splash pad meeting with city. corr. with Vortex re: meeting time and splashpad considerations			
WILBERDING, ROSS	.50	111.20	55.60
Corr. re: Construction Committee meeting. Corr. re: infrastructure inventory maps. Filing splash pad information.			
WILBERDING, ROSS	1.00	111.20	111.20
Discussions re: magic square treatment, FAC submission for cook rd. FAC application for Cook Rd			
WILBERDING, ROSS	3.50	111.20	389.20
Monthly engineering meeting			
WILBERDING, ROSS	1.50	111.20	166.80
Preparing agenda for monthly engineering meeting. Working on revisions to proposed construction budget spreadsheet			
WILBERDING, ROSS	1.00	111.20	111.20
Prepping Agenda for Monthly Engineering Meeting			
WILBERDING, ROSS	.50	111.20	55.60
Summarizing Wednesday's monthly engineering meeting			
Totals	10.50		1,167.60
Total Labor			1,167.60

Billing Limits	Current	Prior	To-Date
Total Billings	1,167.60	12,377.84	13,545.44
Limit			15,000.00
Remaining			1,454.56

Total this Invoice \$1,167.60

Outstanding Invoices

Number	Date	Balance
0142831	3/24/2023	2,277.16
Total		2,277.16

pd. 4/20/23



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 CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

April 25, 2023
 Project No: 0160-0426-0
 Invoice No: 0143383

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

Project 0160-0426-0 2020-2021 WATER MAIN REPLACEMENT PROGRA
 FOR: CONSTRUCTION ADMINISTRATION AND OBSERVATION
 PURCHASE ORDER #20-46057
 PURCHASE ORDER #21-46244
Professional Services from March 13, 2023 to April 9, 2023

Professional Personnel

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
LICENSED ENG/SUR/ARC	.50	111.20	55.60
ENGINEERING AIDE III	1.00	75.60	75.60
ENGINEERING AIDE I	.20	60.40	12.08
Totals	1.70		143.28
Total Labor			143.28

Billing Limits	Current	Prior	To-Date
Total Billings	143.28	274,150.01	274,293.29
Limit			325,000.00
Remaining			50,706.71
		Total this Invoice	\$143.28

Outstanding Invoices

Number	Date	Balance
0143202	4/4/2023	6,135.57
Total		6,135.57

pd 4/20/23

*PO 46057
 # 592-537-977.310
 OK - J.K
 SM 5/3/23
 ES. 5-3-23*

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT



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

April 25, 2023
 Project No: 0160-0430-0
 Invoice No: 0143384

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

Project 0160-0430-0 SEWER REHABILITATION - OPEN CUT
 FOR: CONSTRUCTION INSPECTION AND CONTRACT ADMINISTRATION
 PURCHASE ORDER #20-46059

Professional Services from March 13, 2023 to April 9, 2023

Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
TEAM LEADER	.50	90.20	45.10	
ENGINEERING AIDE I	.20	60.40	12.08	
MEETINGS				
TEAM LEADER	.50	90.20	45.10	
Totals	1.20		102.28	
Total Labor				102.28

Billing Limits	Current	Prior	To-Date	
Total Billings	102.28	122,817.34	122,919.62	
Limit			175,000.00	
Remaining			52,080.38	
		Total this Invoice		\$102.28

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 MAY 10 2023
 CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

PO 46059
 # 592-537-976.001
 ok - J.K
 Sm 5/3/23.
 FS 5-3-23



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

May 2, 2023
 Project No: 0160-0463-0
 Invoice No: 0143698

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

Project 0160-0463-0 2023-2024 RATE STUDY

Professional Services from March 13, 2023 to April 9, 2023

Professional Personnel

	Hours	Rate	Amount	
RESEARCH/REVIEW				
SENIOR PROJECT ENGINEER	10.50	111.20	1,167.60	
Totals	10.50		1,167.60	
Total Labor				1,167.60
		Total this Invoice		\$1,167.60

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 MAY 10 2023
 CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

P047067
 #592-537-818.000
 OK - J.K.
 SM 5/10/2023
 FS 5-10-23



ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

51371 Schwanberg Road, Shelby Township, MI 48315
588.724.1234 | www.aewinc.com

May 5, 2023

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

RECEIVED

MAY 10 2023

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

Reference: Allard Reconstruction (Harper – Chester)
City of Grosse Pointe Woods
AEW Project No. 0160-0433

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 9 for the above referenced project. For work performed through April 30, 2023 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$71,128.40** to Florence Cement Company, 51515 Corridor, Shelby Twp., MI 48315.

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

Sincerely,

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

Ross T. Wilberding
Project Manager

P022-46943

#202-451-974.200 \$ 805.03

#202-451-975.300 \$ 521.99

#203-451-974.200 \$ 805.03

#203-451-977.804 \$13,603.06

#592-537-975.400 \$ 5,393.29

#202-451-974.200 \$ 25,000.00

#203-451-974.200 \$ 25,000.00

cc: Frank Schulte, City Administrator
Jim Kowalski, Director of Public Services
Jeanne Duffy, Grosse Pointe Woods
Susan Como, Assistant City Administrator
Frank Prano, Florence Cement Company

OK - J.K.

SM 5/10/23

FJ 5-10-23



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

5/5/2023 11:13 AM

FieldManager 5.3c

Contract: .0160-0433, Allard Reconstruction (Harper-Chester)

Estimate No.	Estimate Date	Entered By	Estimate Type	Managing Office
9	4/30/2023	Michelle Ankawi	SEMI-MONTHLY	Anderson, Eckstein and Westrick, Inc.
All Contract Work Completed		Construction Started Date	Prime Contractor	
			Florence Cement Company 51515 Corridor Shelby Township MI 48315	

Comments

Current Contract Amount: \$1,029,769.79
% Completed: 94%

Item Usage Summary

Project: Allard Recons, Harper to Chester
Category: 0001, Reconstruction

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Rubbish Pickup	LS	8507051	0285	0285	00	000	1.000	5,300.00	\$5,300.00
Subtotal for Category 0001:									\$5,300.00

Category: 0002, Maintenance

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Hand Patching, Modified	Ton	5017031	0305	0305	00	000	145.200	124.00	\$18,004.80
_ HMA Surface, Rem, Modified	Syd	5017011	0300	0300	00	000	577.360	43.00	\$24,826.48
_ Pavt Joint and Crack Repr, Det 7, Special	Ft	5017001	0295	0295	00	000	1,735.300	10.40	\$18,047.12
_ Remobilization, Bonds, Traffic Control, Sanitary Facilities	LS	1027051	0345	0345	SA	001	1.000	4,950.00	\$4,950.00
Subtotal for Category 0002:									\$65,828.40
Subtotal for Project Allard Recons:									\$71,128.40

Total Estimated Item Payment: \$71,128.40

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



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

5/5/2023 11:13 AM

FieldManager 5.3c

Pre-Voucher Summary

Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
Allard Recons, Harper to Chester	0009	\$71,128.40	\$0.00	\$71,128.40
Voucher Total:				\$71,128.40

Summary

Current Voucher Total:	\$71,128.40	Earnings to date:	\$963,336.96
-Current Retainage:	\$0.00	- Retainage to date:	\$2,500.00
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
Total Estimated Payment:	\$71,128.40	Net Earnings to date:	\$960,836.96
		- Payments to date:	\$889,708.56
		Net Earnings this period:	\$71,128.40

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

05/05/2023

Ross T. Wilberding, PE

(Date)



Construction Pay Estimate Amount Balance Report

Estimate: 9

Anderson, Eckstein and Westrick, Inc.

5/5/2023 11:13 AM

FieldManager 5.3c

Contract: .0160-0433, Allard Reconstruction (Harper-Chester)

Project: Allard Recons, Harper to Chester

Category: 0001, Reconstruction

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	1027060	1,000.000	Dir		720.000	720.000	72%	1.00000	\$720.00
0010	Mobilization, Max 3%	1500001	1.000	LS		1.000	1.000	100%	28,537.28000	\$28,537.28
0015	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea		7.000	7.000	100%	2,000.00000	\$14,000.00
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	9.000	Ea		9.000	9.000	100%	225.00000	\$2,025.00
0030	Dr Structure, Rem	2030011	17.000	Ea		19.000	19.000	112%	345.25000	\$6,559.75
0035	Sewer, Rem, Less than 24 inch	2030015	325.000	Ft		318.000	318.000	98%	23.15000	\$7,361.70
0040	Pavt, Rem	2040050	6,250.000	Syd		5,879.880	5,879.880	94%	5.35000	\$31,457.36
0045	Sidewalk, Rem	2040055	250.000	Syd		246.720	246.720	99%	8.10000	\$1,998.43
0050	_ Station Grading	2057002	19.000	Sta		19.000	19.000	100%	3,382.00000	\$64,258.00
0055	_ Subgrade Undercutting, Modified	2057021	143.000	Cyd		93.400	93.400	65%	60.00000	\$5,604.00
0060	_ Subgrade Undercutting, Special	2057021	150.000	Cyd		0.000			52.10000	
0065	Ero Con, Inlet Protection, Fabric Drop	2080020	17.000	Ea		15.000	15.000	88%	103.00000	\$1,545.00
0070	Aggregate Base, 6 inch	3020016	110.000	Syd		100.820	100.820	92%	15.40000	\$1,552.63
0075	Aggregate Base, 11 inch	3020028	5,900.000	Syd		5,711.280	5,711.280	97%	15.50000	\$88,524.84
0080	Maintenance Gravel	3060020	500.000	Ton		0.000			19.00000	
0085	Sewer, CI IV, 12 inch, Tr Det B	4020987	325.000	Ft		316.000	316.000	97%	123.00000	\$38,868.00
0090	Sewer, CI IV, 15 inch, Tr Det B	4020988	8.000	Ft		8.000	8.000	100%	161.00000	\$1,288.00
0095	_ Sewer, Sch 40 PVC, 10 inch, Tr Det B	4027001	6.000	Ft		13.000	13.000	217%	190.00000	\$2,470.00
0100	_ Sewer Connection, 10 inch	4027050	1.000	Ea		2.000	2.000	200%	232.00000	\$464.00
0105	_ Sewer Connection, 15 inch	4027050	2.000	Ea		2.000	2.000	100%	290.00000	\$580.00
0110	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea		1.000	1.000	50%	515.00000	\$515.00
0115	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea		1.000	1.000	50%	254.00000	\$254.00
0120	Dr Structure, 24 inch dia	4030200	7.000	Ea		7.000	7.000	100%	1,967.00000	\$13,769.00
0125	Dr Structure, 48 inch dia	4030210	2.000	Ea		3.000	3.000	150%	3,089.00000	\$9,267.00
0130	_ Catch Basin Cover, Restricted, GPW	4037050	14.000	Ea		14.000	14.000	100%	253.00000	\$3,542.00
0135	_ Dr Structure, 36 inch dia	4037050	7.000	Ea		7.000	7.000	100%	2,452.00000	\$17,164.00
0140	_ External Structure Wrap, 18 inch	4037050	21.000	Ea		17.000	17.000	81%	436.50000	\$7,420.50
0145	_ Storm Manhole Cover, GPW	4037050	5.000	Ea		2.000	2.000	40%	348.00000	\$696.00

Contract: .0160-0433

Estimate: 9

Page 1 of 3



Construction Pay Estimate Amount Balance Report

Estimate: 9

Anderson, Eckstein and Westrick, Inc.

5/5/2023 11:13 AM

FieldManager 5.3c

Project: Allard Recons, Harper to Chester

Category: 0001, Reconstruction

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	Underdrain, Subgrade, 4 inch	4040071	3,650.000	Ft		3,645.000	3,645.000	99%	11.00000	\$40,095.00
0155	_ Pop-Up Emitter, Storm Drain, Residential	4047050	2.000	Ea		0.000			584.00000	
0160	HMA Surface, Rem	5010005	4,850.000	Syd		4,684.450	4,684.450	97%	1.65000	\$7,729.35
0165	HMA, 4E1	5010050	860.000	Ton		898.880	898.880	105%	105.00000	\$94,382.40
0170	HMA, 5E1	5010056	570.000	Ton		622.330	622.330	109%	115.00000	\$71,567.95
0175	Conc Pavt w/ Int Curb,Nonreinf,8 inch	6020164	100.000	Syd		100.820	100.820	101%	65.00000	\$6,553.30
0180	Lane Tie, Epoxy Anchored	6030030	50.000	Ea		34.000	34.000	68%	10.00000	\$340.00
0185	Driveway, Nonreinf Conc, 6 inch	8010005	825.000	Syd		741.960	741.960	90%	50.50000	\$37,468.98
0190	Driveway, Nonreinf Conc, 8 inch	8010007	75.000	Syd		61.010	61.010	81%	60.00000	\$3,660.60
0195	Curb and Gutter, Conc, Det F2	8020036	3,800.000	Ft		3,629.400	3,629.400	96%	20.50000	\$74,402.70
0200	Driveway Opening, Conc, Det M	8020050	100.000	Ft		97.400	97.400	97%	25.50000	\$2,483.70
0205	Detectable Warning Surface	8030010	99.500	Ft		129.300	129.300	130%	40.00000	\$5,172.00
0210	Sidewalk Ramp, Conc, 4 inch	8030034	1,000.000	Sft		1,151.700	1,151.700	115%	7.50000	\$8,637.75
0215	Sidewalk, Conc, 4 inch	8030044	120.000	Sft		293.800	293.800	245%	6.00000	\$1,762.80
0220	Sidewalk, Conc, 6 inch	8030046	50.000	Sft		423.260	423.260	847%	7.00000	\$2,962.82
0225	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,225.000	Sft		621.250	621.250	51%	8.50000	\$5,280.63
0230	_ Traffic Control, Minor Street	8127051	1.000	LS		1.000	1.000	100%	34,690.00000	\$34,690.00
0235	_ Proposed Trees	8157050	20.000	Ea		21.000	21.000	105%	650.00000	\$13,650.00
0240	Sodding	8160055	3,250.000	Syd		3,183.840	3,183.840	98%	3.36000	\$10,697.70
0245	Topsoil Surface, Fum, 3 inch	8160061	3,250.000	Syd		3,183.840	3,183.840	98%	3.16000	\$10,060.93
0250	Water, Sodding/Seeding	8160090	100.000	Unit		0.000			55.00000	
0255	_ Staking First Row of Sod	8167001	3,500.000	Ft		0.000			0.43000	
0260	Water Shutoff, Adj, Case 1	8230421	1.000	Ea		0.000			951.01000	
0265	_ Irrigation Pipe	8237001	1,600.000	Ft		636.000	636.000	40%	3.00000	\$1,908.00
0270	_ Sprinkler Head	8237050	160.000	Ea		72.000	72.000	45%	60.00000	\$4,320.00
0275	_ Sprinkler Head, Adj	8237050	20.000	Ea		0.000			60.00000	
0280	_ Audio Visual Record of Construction Area	8507051	1.000	LS		1.000	1.000	100%	840.00000	\$840.00
0285	_ Rubbish Pickup	8507051	1.000	LS	1.000	1.000	1.000	100%	5,300.00000	\$5,300.00

Contract: .0160-0433

Estimate: 9

Page 2 of 3



Construction Pay Estimate Amount Balance Report

Estimate: 9

Anderson, Eckstein and Westrick, Inc.

5/5/2023 11:13 AM

FieldManager 5.3c

Project: Allard Recons, Harper to Chester

Category: 0001, Reconstruction

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
0325	_ Pollution Liability Insurance Policy	1027051	1.000	LS		1.000	1.000	100%	1,553.00000	\$1,553.00
0330	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea		8.000	8.000	100%	110.00000	\$880.00
0335	Dr Structure, Tap, 12 inch	4030312	4.000	Ea		4.000	4.000	100%	664.25000	\$2,657.00
0340	_ Sewer Bulkhead, 6 inch	4027050	9.000	Ea		9.000	9.000	100%	150.00000	\$1,350.00
Subtotal for Category 0001:										800848.10

Category: 0002, Maintenance

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
0290	_ Curb and Gutter, Rem, Modified	2047001	100.000	Ft		0.000			46.00000	
0295	_ Pavt Joint and Crack Repr, Det 7, Specia I	5017001	5,250.000	Ft	1,735.300	4,065.400	4,065.400	77%	10.40000	\$42,280.16
0300	_ HMA Surface, Rem, Modified	5017011	1,500.000	Syd	577.360	1,565.300	1,565.300	104%	43.00000	\$67,307.90
0305	_ Hand Patching, Modified	5017031	420.000	Ton	145.200	386.700	386.700	92%	124.00000	\$47,950.80
0310	_ Curb and Gutter, Conc, Det F2, Modified	8027001	100.000	Ft		0.000			30.00000	
0345	_ Remobilization, Bonds, Traffic Control, Sanitary Facilities	1027051	1.000	LS	1.000	1.000	1.000	100%	4,950.00000	\$4,950.00
Subtotal for Category 0002:										162488.86
Subtotal for Project Allard Recons:										963336.96

Percentage of Contract Completed(curr): 94%
(total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$71,128.40

Total Amount Earned To Date: \$963,336.96



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

31101 DeLombard Street, Ste. 200, Troy, MI 48068
588.727.2541 • www.aewinc.com

May 9, 2023

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

RECEIVED

MAY 10 2023

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

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

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 1 for the above referenced project. For work performed through May 7, 2023 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$32,362.47** 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 Varicalli
C4D17CC8031F4D4...

Frank D. Varicalli
Infrastructure Rehab Group Lead

PO 47296
#202-451-976.100 \$6,472.49
#203-451-976.100 \$16,181.24
#592-537-976.100 \$9,708.74
OK - J.K
SM 5/10/23

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.

FS 5-10-23



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

5/9/2023 11:56 AM

FieldManager 5.3c

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

Estimate No. 1	Estimate Date 5/7/2023	Entered By Michelle Ankawi	Estimate Type Semi-Monthly	Managing Office Anderson, Eckstein and Westrick, Inc.
All Contract Work Completed	Construction Started Date	Prime Contractor JB Contractors Inc. 2933 Military Street Detroit MI 48209		
Comments Current Contract Amount: \$188,600.0 % Completed: 19%				

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
_ Bonds, Insurance and Initial Set-Up Expense (3% Max)	LS	1027051	0005	0005	00	000	1.000	5,000.00	\$5,000.00
Sidewalk, Rem	Syd	2040055	0010	0010	00	000	310.940	20.00	\$6,218.80
Sidewalk, Conc, 4 inch	Sft	8030044	0055	0055	00	000	2,600.000	6.00	\$15,600.00
Sidewalk, Conc, 6 inch	Sft	8030046	0060	0060	00	000	198.500	7.00	\$1,389.50
_ Traffic Control and Maintenance	LS	8127051	0075	0075	00	000	0.100	7,000.00	\$700.00
_ Trimming Tree Roots	Ea	8167050	0085	0085	00	000	47.000	150.00	\$7,050.00
Subtotal for Category 0000:									<u>\$35,958.30</u>
Subtotal for Project 0160-0452:									<u>\$35,958.30</u>
Total Estimated Item Payment:									<u>\$35,958.30</u>

Time Charges

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

Pre-Voucher Summary

Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
0160-0452, 2022 Sidewalk Repair Program District 8	0001	\$35,958.30	\$0.00	\$35,958.30
Voucher Total:				<u>\$35,958.30</u>



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

5/9/2023 11:56 AM

FieldManager 5.3c

Summary

Current Voucher Total:	\$35,958.30	Earnings to date:	\$35,958.30
-Current Retainage:	\$3,595.83	- Retainage to date:	\$3,595.83
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
Total Estimated Payment:	\$32,362.47	Net Earnings to date:	\$32,362.47
		- Payments to date:	\$0.00
		Net Earnings this period:	\$32,362.47

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 Varicalli

05/09/2023

Frank D Varicalli, AEW, Inc.

(Date)



Construction Pay Estimate Amount Balance Report

Estimate: 1

Anderson, Eckstein and Westrick, Inc.

5/9/2023 11:56 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	1.000	100%	5,000.00000	\$5,000.00
0010	Sidewalk, Rem	2040055	1,970.000	Syd	310.940	310.940	310.940	16%	20.00000	\$6,218.80
0015	_ Subgrade Undercutting, Modified	2057021	40.000	Cyd		0.000			40.00000	
0020	Maintenance Gravel, LM	3060021	50.000	Cyd		0.000			35.00000	
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		0.000			250.00000	
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 Weil	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	2,600.000	2,600.000	2,600.000	17%	6.00000	\$15,600.00
0060	Sidewalk, Conc, 6 inch	8030046	1,500.000	Sft	198.500	198.500	198.500	13%	7.00000	\$1,389.50
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	0.100	0.100	0.100	10%	7,000.00000	\$700.00
0080	_ Surface Restoration, Seeding	8167011	300.000	Syd		0.000			1.00000	
0085	_ Trimming Tree Roots	8167050	100.000	Ea	47.000	47.000	47.000	47%	150.00000	\$7,050.00

Subtotal for Category 0000: 35958.30

Subtotal for Project 0160-0452: 35958.30

Percentage of Contract Completed(curr): 19%
 (total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$35,958.30

Total Amount Earned To Date: \$35,958.30