



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

INVOICE

November 3, 2022
 Project No: 0160-0433-0
 Invoice No: 0140548

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

RECEIVED

NOV 28 2022

Project 0160-0433-0 ALLARD RD RECON. CHESTER/HARPER (WCL)

PURCHASE ORDER #21-46705 - \$190,000.00
 FOR: CONSTRUCTION OBSERVATION, CONTRACT ADMINISTRATION
Professional Services from September 26, 2022 to October 23, 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

Professional Personnel

	Hours	Rate	Amount
RESEARCH/REVIEW			
PRINCIPAL ENGINEER	6.50	111.20	722.80
CONTRACT ADMINISTRATION			
LICENSED ENG/SUR/ARC	4.50	111.20	500.40
TEAM LEADER	4.50	90.20	405.90
ENGINEERING AIDE III	1.00	75.60	75.60
CONSTRUCTION OBSERVATION			
ENGINEERING AIDE III	17.00	75.60	1,285.20
Totals	33.50		2,989.90
Total Labor			2,989.90

Billing Limits	Current	Prior	To-Date
Total Billings	2,989.90	180,163.41	183,153.31
Limit			190,000.00
Remaining			6,846.69
		Total this Invoice	\$2,989.90

Outstanding Invoices

Number	Date	Balance
0139900	10/10/2022	10,325.72
Total	<i>pd 11/17/22</i>	10,325.72

P 046705
SM 11/22/22
FS 11-22-22
 # 202-451-975.310 \$ 366.73
 # 203-451-975.310 \$ 416.83
 # 203-451-977.803 \$ 334.87
 # 592-537-975.401 \$ 77.28
 # 202-451-974.201 \$ 897.09
 # 203-451-974.201 \$ 897.10
 OK - *J.K.*



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

November 3, 2022
 Project No: 0160-0446-0
 Invoice No: 0140549

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 September 26, 2022 to October 23, 2022

Professional Personnel

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	6.70	111.20	745.04	
Totals	6.70		745.04	
Total Labor				745.04

Billing Limits	Current	Prior	To-Date	
Total Billings	745.04	54,956.34	55,701.38	
Limit			217,000.00	
Remaining			161,298.62	
		Total this Invoice		\$745.04

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 NOV 28 2022
 CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

PO 21-46704
 # 592-537-977.310
 OK - J.K.
 SM 11/2/22
 FS 11-22-22



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 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

November 3, 2022
 Project No: 0160-0449-0
 Invoice No: 0140550

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

Project 0160-0449-0 SEWER SYSTEM EVALUATION
 PURCHASE ORDER #22-46947 - \$107,000.00
 FOR: CONTRACT ADMIN., AND LEVEL SENSOR INSTALLATION
Professional Services from September 26, 2022 to October 23, 2022

Phase 01 MONITORING EQUIP: SELECT, INSTALL, MAINT

Professional Personnel

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
LICENSED ENG/SUR/ARC	16.00	111.20	1,779.20
Totals	16.00		1,779.20
Total Labor			1,779.20
Total this Phase			\$1,779.20

Billing Limits	Current	Prior	To-Date
Total Billings	1,779.20	23,013.93	24,793.13
Limit			107,000.00
Remaining			82,206.87
Total this Invoice			\$1,779.20

Outstanding Invoices

Number	Date	Balance
0140048	10/13/2022	778.40
Total		778.40

Pd 11/17/22

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

*PO 46947
 # 592-537-818.000
 OK - J.K
 SM 11/22/22
 FB 11-22-22*



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

November 3, 2022

Project No: 0160-0450-0

Invoice No: 0140551

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

PO47268
 #202-451-974.201 \$8,043.20
 #585-56-978.300 \$11,107.28

Project 0160-0450-0 2022 MISC CONCRETE REPAIR PROGRAM
 PURCHASE ORDER #22-47268 - \$104,000.00
 FOR: CONTRACT ADMIN., MEASURING, MARKING PAVEMENT AND CONSTRUCTION OBSERVATION
Professional Services from September 26, 2022 to October 23, 2022

OK - J.K.
 SM 11/22/22
 FI 11-22-21

Fee

Construction Cost 521,000.00
 Fee Percentage 5.00
 Total Fee 26,050.00

Percent Complete 60.00 Total Earned 15,630.00
 Previous Fee Billing 10,420.00
 Current Fee Billing 5,210.00
Total Fee 5,210.00

Professional Personnel

	Hours	Rate	Amount
PRELIMINARY ENGINEERING			
TEAM LEADER	1.50	90.20	135.30
CONTRACT ADMINISTRATION			
PRINCIPAL ENGINEER	.50	111.20	55.60
GRADUATE ENG/SUR/ARC	3.50	90.20	315.70
TEAM LEADER	15.00	90.20	1,353.00
ENGINEERING AIDE III	2.80	75.60	211.68
CONSTRUCTION OBSERVATION			
ENGINEERING AIDE III	156.50	75.60	11,831.40
GIS UPDATES			
ENGINEERING AIDE III	.50	75.60	37.80
Totals	180.30		13,940.48
Total Labor			13,940.48

Billing Limits

	Current	Prior	To-Date
Total Billings	19,150.48	17,905.89	37,056.37
Limit			104,000.00
Remaining			66,943.63

Total this Invoice \$19,150.48

Outstanding Invoices

Number	Date	Balance
0140290	10/17/2022	7,636.48
Total		7,636.48

pd 11/17/22

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

2022 Miscellaneous Concrete Repair Program
 AEW Project No. 0160-0450
 Summary of Time Spent for Design, Specification, Bidding
 and Subconsultant Fees

Name	Hours	Description
BICKHAM, BRENDA	4	Admin
DOURJALIAN, ANDREW	2.5	GIS
DUBAY, GAIL	1.4	Admin
KAFERLE, KATHLEEN	2.1	Admin
LABADIE, MATTHEW	122.5	Construction Observation
LOCKWOOD, SCOTT	8.6	Project Oversight
MARCUS, PATRICK	33.5	Design
MILLER, JEFFREY	0.5	GIS
MILLER, THOMAS	25.1	Admin
OTTOMAN, CHARLES	32	Construction Observation
SMITH, BRADLEY	3	Construction Observation Oversight
VARICALLI, FRANK	41.5	Design, Project Oversight
VARICALLI, JOSEPH	2	Construction Observation
WEST, GREGORY	1	Admin
WILBERDING, ROSS	6.5	Bid Advertisement
WILSON, HOLLY	2	Design
YANSSENS, GRACE	0.1	Admin
	288.3	



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INVOICE

November 3, 2022

Project No: 0160-0451-0
 Invoice No: 0140552

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

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NOV 28 2022

Project 0160-0451-0 2022 PAV'T JOINT & CRACK SEALING DIST 8
 PURCHASE ORDER #22-47270 - \$10,000.00
 FOR: CONTRACT ADMIN. AND CONSTRUCTION OBSERVATION
Professional Services from September 26, 2022 to October 23, 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

Fee

Total Fee	8,000.00		
Percent Complete	25.00	Total Earned	2,000.00
		Previous Fee Billing	2,000.00
		Current Fee Billing	0.00
		Total Fee	0.00

Professional Personnel

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
PRINCIPAL ENGINEER	.30	111.20	33.36
TEAM LEADER	3.00	90.20	270.60
ENGINEERING AIDE III	.20	75.60	15.12
ENGINEERING AIDE I	.10	60.40	6.04
CONSTRUCTION OBSERVATION			
ENGINEERING AIDE III	19.50	75.60	1,474.20
Totals	23.10		1,799.32
Total Labor			1,799.32

Billing Limits

	Current	Prior	To-Date
Total Billings	1,799.32	4,790.93	6,590.25
Limit			10,000.00
Remaining			3,409.75
		Total this Invoice	\$1,799.32

Outstanding Invoices

Number	Date	Balance
0139902	10/10/2022	781.50
Total		781.50

pd 11/17/22

PD 47270
 # 202-451-975.310 \$67.21
 # 203-451-975.310 \$1,732.11
 OK - J.K.
 SM 11/22/22

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

ES 11-22-22



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

November 3, 2022
 Project No: 0160-0452-0
 Invoice No: 0140553

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 September 26, 2022 to October 23, 2022

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

*PO 47267
 # 592-537-976.100*

*OK - J.K
 SM 11/22/22*

PS 11-22-22 0.00

Professional Personnel

	Hours	Rate	Amount	
SECRETARIAL				
SECRETARIAL	.60	35.70	21.42	
PRINTS				
ENGINEERING AIDE I	.80	60.40	48.32	
CONTRACT ADMINISTRATION				
GRADUATE ENG/SUR/ARC	4.00	90.20	360.80	
TEAM LEADER	3.00	90.20	270.60	
MEETINGS				
GRADUATE ENG/SUR/ARC	4.00	90.20	360.80	
TEAM LEADER	2.00	90.20	180.40	
GIS UPDATES				
ENGINEERING AIDE III	6.80	75.60	514.08	
Totals	21.20		1,756.42	
Total Labor				1,756.42

Billing Limits

	Current	Prior	To-Date
Total Billings	1,756.42	5,591.95	7,348.37
Limit			10,000.00
Remaining			2,651.63

Total this Invoice \$1,756.42

Outstanding Invoices

Number	Date	Balance
0139903	10/10/2022	527.70
Total		527.70

pd 11/17/22

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INVOICE

November 3, 2022
 Project No: 0160-0456-0
 Invoice No: 0140554

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 - \$104,500.00

Professional Services from September 26, 2022 to October 23, 2022

Fee

Construction Cost	1,833,000.00
Fee Percentage	5.70
Total Fee	104,481.00

Percent Complete	35.00	Total Earned	36,568.35
		Previous Fee Billing	26,120.25
		Current Fee Billing	10,448.10
		Total Fee	10,448.10

Billing Limits

	Current	Prior	To-Date
Total Billings	10,448.10	26,120.25	36,568.35
Limit			104,500.00
Remaining			67,931.65

Total this Invoice \$10,448.10

PO 22-47265
 # 202-451-977.803
 OK - J.K

SM 11/22/22

FL 11-22-22

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

Hampton Water Main & Resurfacing - Mack to Marter
 AEW Project No. 0160-0456
 Summary of Time Spent for Design, Specification, Bidding
 and Subconsultant Fees

Name	Hours	Description
ALLEGOET, JEFFREY	1.7	CAD Oversight
BICKHAM, BRENDA	0.5	Admin
BIGELOW, JUSTICE	9	Survey
BIRKETT, CHRISTOPHER	3.5	Survey
BOVE, JULIA	49	Survey
CARPENTER, AARON	14.5	Survey
COBBS, CHRISTIAN	50.5	Survey
DE OLIVEIRA, ROSANA	44.9	CAD
GAYESKI JR., JOSEPH	20.5	Survey Oversight, Project Setup
KAFERLE, JARED	11	Survey
KOWALCHICK, ANTHONY	5.7	GIS
SCHWARTZ, JOSEPH	8	Survey
TRUAX, MICHAEL	7	Survey Oversight
WILBERDING, ROSS	36	Design
	261.8	



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 CIVIL ENGINEERS SURVEYORS ARCHITECTS
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INVOICE

November 3, 2022

Project No: 0160-0459-0
 Invoice No: 0140555

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

PO47065
 #101-441-818.000 \$804.35
 #101-444-818.000 \$804.35
 #592-537-818.000 \$804.34

Project 0160-0459-0 2022-2023 GENERAL ENGINEERING
 PURCHASE ORDER #22-47065 - \$15,000.00
Professional Services from September 26, 2022 to October 23, 2022

OK-J.K

SM 11/22/22

Professional Personnel

	Hours	Rate	Amount
RESEARCH/REVIEW			
PRINCIPAL ENGINEER			
LOCKWOOD, SCOTT General engineering	1.00	111.20	111.20
LOCKWOOD, SCOTT Project status and review	1.50	111.20	166.80
LOCKWOOD, SCOTT Project update	1.00	111.20	111.20
LOCKWOOD, SCOTT TAP Grant and SRF Grant review	1.50	111.20	166.80
GENERAL			
LICENSED ENG/SUR/ARC			
WILBERDING, ROSS discussing NOI with T. Sting. Estimating CWSRF and DWSRF project costs.	4.00	111.20	444.80
WILBERDING, ROSS Corr. re: A&P grant	.20	111.20	22.24
WILBERDING, ROSS Corr. re: available capacity for AT&T to use City Hall generator	1.00	111.20	111.20
WILBERDING, ROSS Corr. re: fiscal year end pay estimates	.50	111.20	55.60
WILBERDING, ROSS CWSRF & DWSRF estimates	.50	111.20	55.60
WILBERDING, ROSS DWAM Grant Disbursement Request	1.00	111.20	111.20
WILBERDING, ROSS Reviewing SEMCOG TAP Grant program	.50	111.20	55.60
WILBERDING, ROSS Revising and resending grant reimbursement request	.50	111.20	55.60
WILBERDING, ROSS revisions to A&P grant reimbursement request	.50	111.20	55.60
WILBERDING, ROSS TAP Grant Application	4.00	111.20	444.80
WILBERDING, ROSS TAP Grant application and correspondence	2.00	111.20	222.40

PS 11-22-22

CITY OF GROSSE POINTE WOODS
 CLERKS DEPARTMENT

NOV 28 2022

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Project	0160-0459-0	2022-2023 GENERAL ENGINEERING	Invoice	0140555
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PRELIMINARY MODELING

LICENSED ENG/SUR/ARC				
WILBERDING, ROSS	2.00	111.20	222.40	
TAP Grant application				
Totals	21.70		2,413.04	
Total Labor				2,413.04

Billing Limits	Current	Prior	To-Date	
Total Billings	2,413.04	1,834.80	4,247.84	
Limit			15,000.00	
Remaining			10,752.16	
		Total this Invoice		\$2,413.04



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

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

November 2, 2022
 Project No: 0160-0458-0
 Invoice No: 0140571

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Project 0160-0458-0 2022-2023 GIS MAINTENANCE
 PURCHASE ORDER #22-47063
Professional Services from September 26, 2022 to October 23, 2022
 Professional Personnel

NOV 28 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

	Hours	Rate	Amount
GIS UPDATES			
GRADUATE ENG/SUR/ARC			
MILLER, JEFFREY	10.50	90.20	947.10
Adjustment of ROW tree locations			
ENGINEERING AIDE III			
DOURJALIAN, ANDREW	34.40	75.60	2,600.64
Updated Tree Layer			
KOWALCHICK, ANTHONY	27.40	75.60	2,071.44
add street signs to GIS			
KOWALCHICK, ANTHONY	4.00	75.60	302.40
update street sign location in GIS			
KOWALCHICK, ANTHONY	7.90	75.60	597.24
update street sign locations			
KOWALCHICK, ANTHONY	4.00	75.60	302.40
update street signs in GIS			
Totals	88.20		6,821.22
Total Labor			6,821.22

Billing Limits	Current	Prior	To-Date
Total Billings	6,821.22	5,800.06	12,621.28
Limit			21,000.00
Remaining			8,378.72

Total this Invoice \$6,821.22

Outstanding Invoices

Number	Date	Balance
0138742	9/13/2022	(684.06)
0139923	10/6/2022	4,093.10
Total		3,409.04

pd 11/17/22

*PO 47063
 # 592-537-977.000
 OK - J.K.
 SM 11/22/22
 KS 11-22-27*



ANDERSON, ECKSTEIN & WESTRICK, INC.
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 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

November 3, 2022
 Project No: 0160-0420-0
 Invoice No: 0140609

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

Project 0160-0420-0 DPW WATER & SEWER BARN

Professional Services from September 26, 2022 to October 23, 2022

Phase 03 CCA
 Fee

Total Fee 4,000.00

Percent Complete

100.00

Total Earned

4,000.00

Previous Fee Billing

3,880.00

Current Fee Billing

120.00

Total Fee

120.00

Total this Phase

\$120.00

Total this Invoice

\$120.00

P046141
 #592-537-978.300
 ok - J.K
 SM 11/22/22
 FA 11-22-22

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT



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

November 10, 2022
 Project No: 0160-0426-0
 Invoice No: 0140695

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 September 26, 2022 to October 23, 2022

Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	3.00	111.20	333.60	
ENGINEERING AIDE III	2.00	75.60	151.20	
Totals	5.00		484.80	
Total Labor				484.80

Billing Limits	Current	Prior	To-Date	
Total Billings	484.80	254,540.12	255,024.92	
Limit			325,000.00	
Remaining			69,975.08	
		Total this Invoice		\$484.80

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NOV 28 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

PO 46057
 # 592-537-977-310
 ok-j.k
 SM 11/22/22
 FS 11-22-22



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

November 10, 2022
 Project No: 0160-0430-0
 Invoice No: 0140696

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 September 26, 2022 to October 23, 2022

Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
TEAM LEADER	3.20	90.20	288.64	
ENGINEERING AIDE III	2.80	75.60	211.68	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	21.00	75.60	1,587.60	
Totals	27.00		2,087.92	
Total Labor				2,087.92

Billing Limits	Current	Prior	To-Date	
Total Billings	2,087.92	119,923.36	122,011.28	
Limit			175,000.00	
Remaining			52,988.72	
		Total this Invoice		\$2,087.92

Outstanding Invoices

Number	Date	Balance
0140045	10/13/2022	8,623.94
Total		8,623.94

pd 11/17/22

RECEIVED

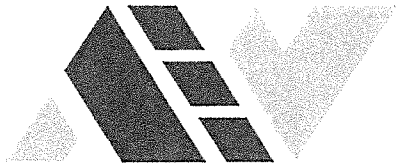
NOV 28 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

*PO 46059
 # 592 - 537 - 976.001
 OK - J.K.*

SM 11/22/22

FS 11-22-22



ANDERSON, ECKSTEIN & WESTRICK, INC.
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS
51301 Schooner Road, Shelby Township, MI 48215
586.725.1234 | www.aewinc.com

November 17, 2022

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

RECEIVED

NOV 28 2022

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

Reference: 2022 Sewer Cleaning and CCTV Investigation Program
City of Grosse Pointe Woods
AEW Project No. 0160-0453

Dear Ms. Murphy:

Enclosed please find Construction Pay Estimate No. 1 for the above referenced project. For work performed through November 1, 2022, we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$96,928.48** to Corby Energy Services, Inc., 6001 Schooner Drive, Belleville, MI 48112.

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

cc: Frank Schulte, City Administrator
Jim Kowalski, Director of Public Services
Jeanne Duffy, Grosse Pointe Woods
Susan Como, Assistant City Administrator
Jacob Martin, Corby Energy Services, Inc.

PO22-47292
#592-537-975.005
OK - J.K.
SM 11/22/22
FS (11-22-22)



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

11/17/2022 10:16 AM

FieldManager 5.3c

Contract: .0160-0453, 2022 Sewer Cleaning and CCTV Investigation

Estimate No. 1	Estimate Date 11/1/2022	Entered By Michelle Ankawi	Estimate Type Semi-Monthly	Managing Office Anderson, Eckstein and Westrick, Inc.	
All Contract Work Completed		Construction Started Date	Prime Contractor Corby Energy Services, Inc. PO Box 970 Belleville MI 48112-0970		
Comments Current Contract Amount: \$158,462.50 % Completed: 55%					

Item Usage Summary

Project: 0160-0453, 2022 Sewer Cleaning and CCTV Investigation

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	4,600.00	\$4,600.00
_ Cleaning 06-12 inch Combined Sewers	Ft	4027001	0015	0015	00	000	8,944.300	1.50	\$13,416.45
_ Cleaning 15-21 inch Combined Sewers	Ft	4027001	0020	0020	00	000	5,118.400	1.75	\$8,957.20
_ Cleaning 24-36 inch Combined Sewers	Ft	4027001	0025	0025	00	000	3,325.800	2.00	\$6,651.60
_ Cleaning 39-48 inch Combined Sewers	Ft	4027001	0030	0030	00	000	2,484.900	2.50	\$6,212.25
_ Deliverables	LS	8267051	0110	0110	00	000	1.000	2,500.00	\$2,500.00
_ Extra Heavy Cleaning	Hr	8167040	0105	0105	00	000	16.000	325.00	\$5,200.00
_ Final TV Investigation and Log, 06-12 in ch Combined Sewers	Ft	4027001	0035	0035	00	000	8,944.300	1.50	\$13,416.45
_ Final TV Investigation and Log, 15-21 in ch Combined Sewers	Ft	4027001	0040	0040	00	000	6,136.300	1.50	\$9,204.45
_ Final TV Investigation and Log, 24-36 in ch Combined Sewers	Ft	4027001	0045	0045	00	000	3,338.800	1.50	\$5,008.20
_ Final TV investigation and Log, 39-48 in ch Combined Sewers	Ft	4027001	0050	0050	00	000	3,336.800	2.00	\$6,673.60
_ Final TV Investigation and Log, 54 inch Combined Sewers	Ft	4027001	0055	0055	00	000	532.700	3.00	\$1,598.10
_ Final TV Investigation and Log, 60 inch Combined Sewers	Ft	4027001	0060	0060	00	000	1,318.100	3.00	\$3,954.30
_ Heavy Cleaning 06-12 inch Combined Sewers	Ft	4027001	0065	0065	00	000	1,908.900	1.00	\$1,908.90
_ Heavy Cleaning 15-21 inch Combined Sewers	Ft	4027001	0070	0070	00	000	2,479.300	1.00	\$2,479.30
_ Heavy Cleaning 24-36 inch Combined Sewers	Ft	4027001	0075	0075	00	000	1,702.400	1.00	\$1,702.40
_ Heavy Cleaning 39-48 inch Combined Sewers	Ft	4027001	0080	0080	00	000	1,368.400	1.00	\$1,368.40



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

11/17/2022 10:16 AM

FieldManager 5.3c

Item Usage Summary

Project: 0160-0453, 2022 Sewer Cleaning and CCTV Investigation

Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Mobilization	LS	1027051	0010	0010	00	000	1.000	5,000.00	\$5,000.00
_ Traffic Control, Minor Street	LS	8127051	0100	0100	00	000	1.000	5,000.00	\$5,000.00
Subtotal for Category 0000:									\$104,851.60
Subtotal for Project 0160-0453:									\$104,851.60
Total Estimated Item Payment:									\$104,851.60

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
0160-0453, 2022 Sewer Cleaning and CCTV Investigation	0001	\$104,851.60	\$0.00	\$104,851.60
Voucher Total:				\$104,851.60

Summary

Current Voucher Total:	\$104,851.60	Earnings to date:	\$104,851.60
-Current Retainage:	\$7,923.12	- Retainage to date:	\$7,923.12
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
Total Estimated Payment:	\$96,928.48	Net Earnings to date:	\$96,928.48
		- Payments to date:	\$0.00
		Net Earnings this period:	\$96,928.48

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. I also certify the prime contractor is meeting all requirements for minority percentages and the payrolls are current.

Frank Varicalli

C4D17668831F4D4

Frank D. Varicalli, AEW, Inc.

11/17/2022

(Date)



Construction Pay Estimate Amount Balance Report

Estimate: 1

11/17/2022 10:16 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

Contract: .0160-0453, 2022 Sewer Cleaning and CCTV Investigation

Project: 0160-0453, 2022 Sewer Cleaning and CCTV Investigation

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%	4,600.00000	\$4,600.00
0010	_ Mobilization	1027051	1.000	LS	1.000	1.000	1.000	100%	5,000.00000	\$5,000.00
0015	_ Cleaning 06-12 inch Combined Sewers	4027001	11,700.000	Ft	8,944.300	8,944.300	8,944.300	76%	1.50000	\$13,416.45
0020	_ Cleaning 15-21 inch Combined Sewers	4027001	10,850.000	Ft	5,118.400	5,118.400	5,118.400	47%	1.75000	\$8,957.20
0025	_ Cleaning 24-36 inch Combined Sewers	4027001	4,450.000	Ft	3,325.800	3,325.800	3,325.800	75%	2.00000	\$6,651.60
0030	_ Cleaning 39-48 inch Combined Sewers	4027001	4,600.000	Ft	2,484.900	2,484.900	2,484.900	54%	2.50000	\$6,212.25
0035	_ Final TV Investigation and Log, 06-12 in ch Combined Sewers	4027001	11,700.000	Ft	8,944.300	8,944.300	8,944.300	76%	1.50000	\$13,416.45
0040	_ Final TV Investigation and Log, 15-21 in ch Combined Sewers	4027001	10,850.000	Ft	6,136.300	6,136.300	6,136.300	57%	1.50000	\$9,204.45
0045	_ Final TV Investigation and Log, 24-36 in ch Combined Sewers	4027001	4,450.000	Ft	3,338.800	3,338.800	3,338.800	75%	1.50000	\$5,008.20
0050	_ Final TV Investigation and Log, 39-48 in ch Combined Sewers	4027001	4,600.000	Ft	3,336.800	3,336.800	3,336.800	73%	2.00000	\$6,673.60
0055	_ Final TV Investigation and Log, 54 inch Combined Sewers	4027001	650.000	Ft	532.700	532.700	532.700	82%	3.00000	\$1,598.10
0060	_ Final TV Investigation and Log, 60 inch Combined Sewers	4027001	3,550.000	Ft	1,318.100	1,318.100	1,318.100	37%	3.00000	\$3,954.30
0065	_ Heavy Cleaning 06-12 inch Combined Sewers	4027001	2,950.000	Ft	1,908.900	1,908.900	1,908.900	65%	1.00000	\$1,908.90
0070	_ Heavy Cleaning 15-21 inch Combined Sewers	4027001	2,750.000	Ft	2,479.300	2,479.300	2,479.300	90%	1.00000	\$2,479.30
0075	_ Heavy Cleaning 24-36 inch Combined Sewers	4027001	1,150.000	Ft	1,702.400	1,702.400	1,702.400	148%	1.00000	\$1,702.40
0080	_ Heavy Cleaning 39-48 inch Combined Sewers	4027001	1,150.000	Ft	1,368.400	1,368.400	1,368.400	119%	1.00000	\$1,368.40
0085	_ Cutting Service Lead Protrusions	4027050	10.000	Ea		0.000			50.00000	
0090	_ Mineral Deposit, Rem	4027050	50.000	Ea		0.000			25.00000	
0095	_ Traffic Control, Major Street	8127051	1.000	LS		0.000			7,500.00000	
0100	_ Traffic Control, Minor Street	8127051	1.000	LS	1.000	1.000	1.000	100%	5,000.00000	\$5,000.00
0105	_ Extra Heavy Cleaning	8167040	15.000	Hr	16.000	16.000	16.000	107%	325.00000	\$5,200.00

Contract: .0160-0453

Estimate: 1

Page 1 of 2



Construction Pay Estimate Amount Balance Report

Estimate: 1

Anderson, Eckstein and Westrick, Inc.

11/17/2022 10:16 AM

FieldManager 5.3c

Project: 0160-0453, 2022 Sewer Cleaning and CCTV Investigation

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
0110	_ Deliverables	8267051		1.000 LS	1.000	1.000	1.000	100%	2,500.00000	\$2,500.00
Subtotal for Category 0000:										104851.60
Subtotal for Project 0160-0453:										104851.60

Percentage of Contract Completed(curr): 66%
 (total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$104,851.60
Total Amount Earned To Date: \$104,851.60