



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

**INVOICE**

January 2, 2023  
 Project No: 0160-0458-0  
 Invoice No: 0141398

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

Project 0160-0458-0 2022-2023 GIS MAINTENANCE  
 PURCHASE ORDER #22-47063  
Professional Services from November 21, 2022 to December 18, 2022  
**Professional Personnel**

	Hours	Rate	Amount	
<b>GIS UPDATES</b>				
ENGINEERING AIDE III				
KOWALCHICK, ANTHONY	1.30	75.60	98.28	
finish updating tree locations				
KOWALCHICK, ANTHONY	.50	75.60	37.80	
update watermain break info				
Totals	1.80		136.08	
<b>Total Labor</b>				<b>136.08</b>

**Reimbursable Expenses**

<b>REIMB. MISC. EXPENSE</b>				
12/13/2022	ESRI, INC.	Invoice# 94379576	371.00	
<b>Total Reimbursables</b>			<b>371.00</b>	<b>371.00</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	507.08	15,069.16	15,576.24
Limit			21,000.00
Remaining			5,423.76

**Total this Invoice \$507.08**

**Outstanding Invoices**

Number	Date	Balance
0138742	9/13/2022	(684.06)
0140990	11/30/2022	2,447.88
<b>Total</b>	<i>pd 1/17/23</i>	<b>1,763.82</b>

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PO 47063*  
*# 592-537-977-000*  
*OK - J.K*  
*FL - 1-17-23*  
*SM 1/17/23*



**esri**

380 New York Street  
Redlands, CA-92373  
Phone: (909) 793-2853

Invoice	:	94379576	Document date	:	11/30/2022
Order	:	4307532	Delivery	:	
Customer	:	22719			
Customer PO	:	QUOTE MASTRACCO			
P.O. Date	:	11/30/2022			
End User	:	22719	Anderson Eckstein & Westrick Inc		
Project	:				

Budget 2023 ✓

**'Invoice'**

Page : 1  
 Ship to:  
 Stefania Mastracco  
 Anderson Eckstein & Westrick Inc  
 51301 Schoenherr Rd  
 Shelby Township MI 48315-2733

Bill to:

Anderson Eckstein & Westrick Inc  
 51301 Schoenherr Rd  
 Shelby Township MI 48315-2733

GIS software renewal licenses, 1yr Exp. 02/19/2024

For questions regarding this document, please contact Customer Service at 888-377-4575.

Terms of payment: Net Due 30 days, no discount

The line items included in this transaction are governed exclusively by the terms of the above-referenced contract, if any, or, where applicable, Esri's standard terms and conditions at [www.esri.com/legal/software-license](http://www.esri.com/legal/software-license).

Item	Qty	Material Number	Price
10	1	52384 ArcGIS Desktop Advanced Concurrent Use Primary Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	3,000.00
20	3	52385 ArcGIS Desktop Advanced Concurrent Use Secondary Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	3,600.00
30	1	86497 ArcGIS Desktop Standard Concurrent Use Primary Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	1,500.00
40	1	86500 ArcGIS Desktop Standard Concurrent Use Secondary Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	1,200.00
50	1	87232 ArcGIS Spatial Analyst for Desktop Concurrent Use Primary Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	500.00
60	1	100571 ArcGIS Network Analyst for Desktop Concurrent Use Primary Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	500.00
70	5	153148 ArcGIS Online Creator Annual Subscription No tax charged on this Start Date: 02/20/2023 End Date: 02/19/2024	2,500.00



380 New York Street  
 Redlands, CA-92373  
 Phone: (909) 793-2853

Invoice : 94379576 Document date : 11/30/2022  
 Order : 4307532 Delivery :  
 Customer : 22719  
 Customer PO : QUOTE MASTRACCO  
 P.O. Date : 11/30/2022  
 End User : 22719 Anderson Eckstein & Westrick Inc  
 Project :

**'Invoice'**

Page : 2

Item	Qty	Material Number	Price
80	1	161328 ArcGIS Enterprise Standard Up to Four Cores Maintenance Start Date: 02/20/2023 End Date: 02/19/2024	5,000.00
90	5	165533 ArcGIS Online Mobile Worker Annual Subscription No tax charged on this Start Date: 02/20/2023 End Date: 02/19/2024	1,750.00
100	41	166894 Only 24 of these are for AEW; \$8,904 total (includes tax) ArcGIS Enterprise Mobile Worker Annual Subscription Start Date: 02/20/2023 End Date: 02/19/2024	14,350.00
The following clients need to be charged \$371 PER LICENSE (includes tax):			Item Subtotal 33,900.00
-Roseville: 3 licenses -Mt. Clemens: 2 licenses -SMDA: 2 licenses -St. Clair (NOT St. Clair Shores): 2 licenses -Fraser: 2 licenses -Rochester: 2 licenses -Eastpointe: 1 license -Grosse Pointe: 1 license -Grosse Pointe Woods: 1 license -Utica Schools: 1 license			Sales Tax 1,779.00  <b>Total: USD 35,679.00</b> Total AEW cost is \$29,372.00



FEIN: 95-2775732  
 DUNS/CEC: 06-313-4175 CAGE: 0AMS3  
 Please detach lower portion and return with remittance



Remit Payment to:  
 Environmental Systems Research Institute, Inc.  
 By Check: Electronic Instructions:  
 P.O. Box 741076 Bank: Bank of America Acct#: 1496150335  
 Los Angeles Wire ABA: 026009593  
 CA 90074-1076 ACH ABA: 121000358

Anderson Eckstein & Westrick Inc  
 51301 Schoenherr Rd  
 Shelby Township MI 48315-2733

Invoice: 94379576 Document Date: 11/30/2022  
 Order: 4307532  
 Payer: 22719 Total: USD 35,679.00



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

**INVOICE**

January 4, 2023  
 Project No: 0160-0433-0  
 Invoice No: 0141475

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

Project 0160-0433-0 ALLARD RD RECON. CHESTER/HARPER (WCL)  
 PURCHASE ORDER #21-46705 - \$190,000.00  
 FOR: CONTRACT ADMINISTRATION, AS-BUILTS  
Professional Services from November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount
RESEARCH/REVIEW			
PRINCIPAL ENGINEER	1.00	111.20	111.20
CONTRACT ADMINISTRATION			
ENGINEERING AIDE III	1.50	75.60	113.40
CONSTRUCTION OBSERVATION			
TEAM LEADER	.50	90.20	45.10
ENGINEERING AIDE III	1.00	75.60	75.60
Totals	4.00		345.30
<b>Total Labor</b>			<b>345.30</b>

Billing Limits	Current	Prior	To-Date
Total Billings	345.30	186,800.53	187,145.83
Limit			190,000.00
Remaining			2,854.17
		<b>Total this Invoice</b>	<b>\$345.30</b>

**Outstanding Invoices**

Number	Date	Balance
0140993	12/1/2022	3,647.22
<b>Total</b>		<b>3,647.22</b>

*pd 1/12/23*

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PO 46705  
 #202-451-974-201 \$172.65  
 #203-451-974-201 \$172.65  
 OK - J.K.  
 SM 1/17/23  
 FS 1-17-23*



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

January 4, 2023  
 Project No: 0160-0446-0  
 Invoice No: 0141476

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 November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	3.50	111.20	389.20	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	1.00	111.20	111.20	
ENGINEERING AIDE III	.50	75.60	37.80	
Totals	5.00		538.20	
<b>Total Labor</b>				<b>538.20</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	538.20	55,701.38	56,239.58	
Limit			217,000.00	
Remaining			160,760.42	
		<b>Total this Invoice</b>		<b>\$538.20</b>

RECEIVED

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 46704  
 # 592-537-977.310  
 OK - J.K.  
 sm 1/17/23  
 FB 1-17-23



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

January 4, 2023  
 Project No: 0160-0449-0  
 Invoice No: 0141477

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., LEVEL SENSOR INSTALLATION  
Professional Services from November 21, 2022 to December 18, 2022

Phase 01 MONITORING EQUIP: SELECT, INSTALL, MAINT

**Professional Personnel**

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	7.50	111.20	834.00	
MEETINGS				
PRINCIPAL ENGINEER	.50	111.20	55.60	
Totals	8.00		889.60	
<b>Total Labor</b>				<b>889.60</b>
			<b>Total this Phase</b>	<b>\$889.60</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	889.60	24,793.13	25,682.73	
Limit			107,000.00	
Remaining			81,317.27	
			<b>Total this Invoice</b>	<b>\$889.60</b>

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 46947  
 # 592-537-818.000  
 OK - J.K  
 Sm 1/17/23  
 ES 1-17-23



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

January 4, 2023  
 Project No: 0160-0450-0  
 Invoice No: 0141478

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., AND CONSTRUCTION OBSERVATION  
Professional Services from November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount	
<b>CONTRACT ADMINISTRATION</b>				
TEAM LEADER	3.00	90.20	270.60	
ENGINEERING AIDE III	2.60	75.60	196.56	
ENGINEERING AIDE I	.30	60.40	18.12	
<b>CONSTRUCTION OBSERVATION</b>				
ENGINEERING AIDE III	3.00	75.60	226.80	
Totals	8.90		712.08	
<b>Total Labor</b>				<b>712.08</b>

**Reimbursable Expenses**

<b>REIMB. MISC. EXPENSE</b>				
11/29/2022	G2 CONSULTING GROUP	Invoice #222932	4,624.00	
	<b>Total Reimbursables</b>		<b>4,624.00</b>	<b>4,624.00</b>

**Billing Limits**

	Current	Prior	To-Date	
Total Billings	5,336.08	44,403.05	49,739.13	
Limit			104,000.00	
Remaining			54,260.87	
		<b>Total this Invoice</b>		<b>\$5,336.08</b>

**Outstanding Invoices**

Number	Date	Balance
0140994	12/1/2022	7,346.68
<b>Total</b>	<i>Pd 11/2/23</i>	<b>7,346.68</b>

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PD 47268*  
*# 202-451-974-201 \$ 1,028.08*  
*# 203-451-974-201 \$ 1,161.48*  
*# 585-561-978-300 \$ 1,482.78*  
*# 592-537-975-401 \$ 1,663.74*

*OK - J.K sm 11/17/23 FS - 1-17-23*

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

**Voice: 248.680.0400**  
**Fax: 248.680.9745**

# INVOICE

Invoice Number: 222932  
 Invoice Date: October 31, 2022  
 Page Number: 1

**Bill To:** Accounts Payable  
 Anderson, Eckstein & Westrick  
 51301 Schoenherr Road  
 Shelby Township, MI 48315

Customer ID	Purchase Order No.	G2 Project No.	
AEW001	AEW No. 0160-0450	220773	
Payment Terms	Due Date	Ship Date	Shipping Method
Net 30 Days	November 30, 2022		

Quantity	Description	Unit Price	Amount
26.50	Engineering Technician, Regular Hours, each	68.00	1,768.00
4.50	Engineering Technician, Regular Hours - Cylinder Pick-Up on 10/8/22, 10/15/22, 10/22/22 and 10/28/22	68.00	306.00
7.00	Project Manager, per hour	156.00	1,092.00
3.50	Administrative Assistant, per hour	60.00	210.00
78.00	Compressive Strength Test Cylinders, each	16.00	1,248.00
	2022 GPW Miscellaneous Concrete Repairs, Grosse Pointe Woods, Michigan - Quality Control Observation and Testing Services on 10/5/22 through 10/27/22		
	Client Contact: Brad Smith		

**Total Invoice Amount      \$      4,624.00**

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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 CIVIL ENGINEERS SURVEYORS ARCHITECTS  
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**INVOICE**

January 4, 2023  
 Project No: 0160-0453-0  
 Invoice No: 0141479

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

Project 0160-0453-0 2022 SEWER CCTV INVESTIGATION  
 PURCHASE ORDER #22-47271 - \$25,000.00  
 FOR: CONTRACT ADMIN., UPDATING GIS  
Professional Services from November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
GRADUATE ENG/SUR/ARC	1.50	90.20	135.30
TEAM LEADER	2.00	90.20	180.40
GIS UPDATES			
ENGINEERING AIDE III	1.70	75.60	128.52
Totals	5.20		444.22
<b>Total Labor</b>			<b>444.22</b>

Billing Limits	Current	Prior	To-Date
Total Billings	444.22	22,433.54	22,877.76
Limit			25,000.00
Remaining			2,122.24
<b>Total this Invoice</b>			<b>\$444.22</b>

**Outstanding Invoices**

Number	Date	Balance
0140995	12/1/2022	2,758.35
<b>Total</b>		<b>2,758.35</b>

*pd 1/12/23*

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PO 47271  
 # 592-537-975.004  
 OK - J.K.  
 SM 1/17/23  
 FS 1-17-23*



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

**INVOICE**

January 4, 2023  
 Project No: 0160-0454-0  
 Invoice No: 0141480

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

Project 0160-0454-0 2022 SEWER REHAB BY FULL LENGTH CIPP LIN  
 PURCHASE ORDER #22-47272 - \$45,200.00  
 FOR: CONTRACT ADMINISTRATION, UPDATING GIS  
Professional Services from November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount
QUANTITIES			
ENGINEERING AIDE II	1.50	66.90	100.35
CONTRACT ADMINISTRATION			
TEAM LEADER	.50	90.20	45.10
GIS UPDATES			
ENGINEERING AIDE III	3.20	75.60	241.92
CCTV REVIEW			
ENGINEERING AIDE II	6.50	66.90	434.85
Totals	11.70		822.22
<b>Total Labor</b>			<b>822.22</b>

Billing Limits	Current	Prior	To-Date
Total Billings	822.22	31,462.74	32,284.96
Limit			45,200.00
Remaining			12,915.04
<b>Total this Invoice</b>			<b>\$822.22</b>

**Outstanding Invoices**

Number	Date	Balance
0140996	12/1/2022	555.32
<b>Total</b>		<b>555.32</b>

*pd 1/12/23*

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*P047272*  
*#592-537-976.001*  
*OK - J.K*  
*SM 1/17/23*  
*ES 1-17-23*



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

January 4, 2023  
 Project No: 0160-0456-0  
 Invoice No: 0141481

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 November 21, 2022 to December 18, 2022

**Fee**

Construction Cost	1,833,000.00
Fee Percentage	5.70
<b>Total Fee</b>	<b>104,481.00</b>

Percent Complete	50.00	Total Earned	52,240.50
		Previous Fee Billing	36,568.35
		Current Fee Billing	15,672.15
		<b>Total Fee</b>	<b>15,672.15</b>

Billing Limits	Current	Prior	To-Date
Total Billings	15,672.15	36,568.35	52,240.50
Limit			104,500.00
Remaining			52,259.50

**Total this Invoice \$15,672.15**

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 47265  
 # 202-457-977.803  
 ok - J.K  
 Sm 1/17/23  
 FS 1-17-23

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
LEIDEKER, RONDA	0.2	Admin
MARCUS, PATRICK	0.5	Design
MUSTER, BRENDAN	0.5	Admin
PIOTROWSKI, KEVIN	78.9	CAD
SCHWARTZ, JOSEPH	8	Survey
TRUAX, MICHAEL	7	Survey Oversight
VIGNERON, MICHAEL	1	Design Oversight
WILBERDING, ROSS	71.5	Design
	378.4	



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 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315  
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**INVOICE**

January 4, 2023  
 Project No: 0160-0457-0  
 Invoice No: 0141482

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

Project 0160-0457-0 TORREY RD PUMP STATION CAP IMPROVE. PLAN  
 PURCHASE ORDER #22-47266 - \$60,000.00

Professional Services from November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	.50	111.20	55.60	
PRELIMINARY ENGINEERING				
LICENSED ENG/SUR/ARC	2.50	111.20	278.00	
ARCHITECT				
SENIOR PROJECT ARCHITECT	7.00	111.20	778.40	
DESIGN DEVELOPMENT				
PRINCIPAL ARCHITECT	1.00	111.20	111.20	
Totals	11.00		1,223.20	
<b>Total Labor</b>				<b>1,223.20</b>

Billing Limits	Current	Prior	To-Date
Total Billings	1,223.20	1,701.36	2,924.56
Limit			60,000.00
Remaining			57,075.44

**Total this Invoice \$1,223.20**

**RECEIVED**

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 47266  
 # 592-542-818.000  
 OK - JK  
 SM 1/17/23  
 KS 1-17-23



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

RECEIVED

January 4, 2023  
 Project No: 0160-0459-0  
 Invoice No: 0141483

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

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 47065  
 #101-441-818.000 \$727.75  
 #101-444-818.000 \$727.75  
 #592-537-818.000 \$727.74

Project 0160-0459-0 2022-2023 GENERAL ENGINEERING  
 PURCHASE ORDER #22-47065 - \$15,000.00  
Professional Services from November 21, 2022 to December 18, 2022  
 Professional Personnel

	Hours	Rate	Amount
<b>RESEARCH/REVIEW</b>			
PRINCIPAL ENGINEER			
LOCKWOOD, SCOTT	1.70	111.20	189.04
LOCKWOOD, SCOTT	3.00	111.20	333.60
Infrastructure budget and SRF meeting and preparation			
LOCKWOOD, SCOTT	.50	111.20	55.60
SPARK Grant research			
LOCKWOOD, SCOTT	2.00	111.20	222.40
SRF ITA Office Hours			
<b>MEETINGS</b>			
TEAM LEADER			
VARICALLI, FRANK	3.00	90.20	270.60
Meeting with attorney			
<b>GENERAL</b>			
LICENSED ENG/SUR/ARC			
WILBERDING, ROSS	2.50	111.20	278.00
Preliminary construction budget meeting, and updating spreadsheet			
WILBERDING, ROSS	1.00	111.20	111.20
attending CWSRF webinar			
WILBERDING, ROSS	1.00	111.20	111.20
attending DWSRF webinar			
WILBERDING, ROSS	3.00	111.20	333.60
Attending Wayne County FAC meeting on behalf of GPW. Searching commercial charging station options			
WILBERDING, ROSS	2.50	111.20	278.00
CWSRF & DWSRF EGLE office hours			
Totals	20.20		2,183.24
<b>Total Labor</b>			<b>2,183.24</b>

ok - J.K.  
 SM 1/17/23  
 FS 1-17-23

Billing Limits	Current	Prior	To-Date
Total Billings	2,183.24	5,248.64	7,431.88
Limit			15,000.00
Remaining			7,568.12

**Total this Invoice \$2,183.24**

**Outstanding Invoices**

Number	Date	Balance
0140997	12/1/2022	1,000.80
<b>Total</b>		<b>1,000.80</b>

*pd 11/17/23*



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

**INVOICE**

January 4, 2023  
 Project No: 0160-0426-0  
 Invoice No: 0141485

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 November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	3.50	111.20	389.20	
TEAM LEADER	1.00	90.20	90.20	
ENGINEERING AIDE III	1.50	75.60	113.40	
CONSTRUCTION OBSERVATION				
TEAM LEADER	.50	90.20	45.10	
ENGINEERING AIDE III	27.00	75.60	2,041.20	
Totals	33.50		2,679.10	
<b>Total Labor</b>				<b>2,679.10</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	2,679.10	255,024.92	257,704.02	
Limit			325,000.00	
Remaining			67,295.98	
		<b>Total this Invoice</b>		<b>\$2,679.10</b>

RECEIVED

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 46057  
 #592-537-977.310  
 OK-J.K  
 SM 1/17/23  
 ES 1-17-23





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

**INVOICE**

January 4, 2023  
 Project No: 0160-0430-0  
 Invoice No: 0141486

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 November 21, 2022 to December 18, 2022

**Professional Personnel**

	Hours	Rate	Amount	
<b>CONTRACT ADMINISTRATION</b>				
TEAM LEADER	1.50	90.20	135.30	
ENGINEERING AIDE III	.70	75.60	52.92	
Totals	2.20		188.22	
<b>Total Labor</b>				<b>188.22</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	188.22	122,629.12	122,817.34	
Limit			175,000.00	
Remaining			52,182.66	
		<b>Total this Invoice</b>		<b>\$188.22</b>

**Outstanding Invoices**

Number	Date	Balance
0141378	12/9/2022	617.84
<b>Total</b>		<b>617.84</b>

RECEIVED

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 46059  
 # 592-537-976.001  
 OK - J.K.  
 Sm 1/17/23  
 ES 1-17-23



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

51441 Durand - Grand Haven, Michigan 49431  
616.725.1234 | www.aewr.com

January 11, 2023

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

Reference: 2022 Sewer Rehabilitation by Full Length C.I.P.P. Lining  
City of Grosse Pointe Woods  
AEW Project No. 0160-0454

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 4 for the above referenced project. For work performed through December 31, 2022 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$9,529.30** to Insituform Technologies USA, LLC, PO Box 74008440 Chicago, IL 60674-8440

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

RECEIVED

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

PO 47293  
#592-537-976.002

OK-J.K

SM 11/17/23

FR 1-17-23

cc: Frank Schulte, City Administrator  
Jim Kowalski, Director of Public Services  
Jeanne Duffy, Grosse Pointe Woods  
Susan Como, Assistant City Administrator  
Ursula Youngblood, Insituform Technologies USA, LLC  
Matt Brinkoetter, Insituform Technologies USA, LLC



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

1/10/2023 9:37 AM

FieldManager 5.3c

**Contract: .0160-0454, 2022 Sewer Rehabilitation by Full Length CIPP Lining**

Estimate No.	Estimate Date	Entered By	Estimate Type	Managing Office
4	12/31/2022	Michelle Harrington	Semi-Monthly	Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>		<b>Construction Started Date</b>	<b>Prime Contractor</b>	
			Insituform Technologies USA, LLC 580 Goddard Avenue Chesterfield MO 63005	
<b>Comments</b>				
Current Contract Amount: \$225,999.40 % Completed: 102%				

### Item Usage Summary

Project: 0160-0454, 2022 Sewer Rehabilitation by Full Length CIPP Lining  
Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Deliverables	LS	8267051	0085	0085	00	000	1.000	529.30	\$529.30
<b>Subtotal for Category 0000:</b>									<b>\$529.30</b>
<b>Subtotal for Project 0160-0454:</b>									<b>\$529.30</b>
<b>Total Estimated Item Payment:</b>									<b>\$529.30</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
0160-0454, 2022 Sewer Rehabilitation by Full Length CIPP Lining	0004	\$529.30	\$0.00	\$529.30
<b>Voucher Total:</b>				<b>\$529.30</b>



### Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

1/10/2023 9:37 AM

FieldManager 5.3c

#### Summary

Current Voucher Total:	\$529.30	Earnings to date:	\$231,180.00
-Current Retainage:	(\$9,000.00)	- Retainage to date:	\$1,000.00
-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>\$9,529.30</b>	Net Earnings to date:	\$230,180.00
		- Payments to date:	\$220,650.70
		<b>Net Earnings this period:</b>	<b>\$9,529.30</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:

*Frank Varicalli*

01/12/2023

Frank D Varicalli, AEW, Inc.

(Date)



## Construction Pay Estimate Amount Balance Report

Estimate: 4

Anderson, Eckstein and Westrick, Inc.

1/10/2023 9:37 AM

FieldManager 5.3c

**Contract: .0160-0454, 2022 Sewer Rehabilitation by Full Length CIPP Lining**

**Project: 0160-0454, 2022 Sewer Rehabilitation by Full Length CIPP Lining**

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	_ Audio Visual Record of Construction Area	1027051	1.000	LS		1.000	1.000	100%	2,646.40000	\$2,646.40
0010	_ Bonds, insurance and Initial Set-Up Expense (3% Max)	1027051	1.000	LS		1.000	1.000	100%	6,500.00000	\$6,500.00
0015	_ Sewer, CIPP, 10 inch, Full Length	4027001	750.000	Ft		751.000	751.000	100%	31.20000	\$23,431.20
0020	_ Sewer, CIPP, 12 inch, Full Length	4027001	2,400.000	Ft		2,380.000	2,380.000	99%	46.70000	\$111,146.00
0025	_ Sewer, CIPP, 15 inch, Full Length	4027001	650.000	Ft		644.000	644.000	99%	62.10000	\$39,992.40
0030	_ Sewer, Post-Construction, CCTV, 10 inch	4027001	750.000	Ft		751.000	751.000	100%	1.10000	\$826.10
0035	_ Sewer, Post-Construction, CCTV, 12 inch	4027001	2,400.000	Ft		2,380.000	2,380.000	99%	1.10000	\$2,618.00
0040	_ Sewer, Post-Construction, CCTV, 15 inch	4027001	650.000	Ft		644.000	644.000	99%	1.10000	\$708.40
0045	_ Sewer, Pre-Construction, Clean and CCTV, 10 inch	4027001	750.000	Ft		751.000	751.000	100%	4.80000	\$3,604.80
0050	_ Sewer, Pre-Construction, Clean and CCTV, 12 inch	4027001	2,400.000	Ft		2,380.000	2,380.000	99%	5.00000	\$11,900.00
0055	_ Sewer, Pre-Construction, Clean and CCTV, 15 inch	4027001	650.000	Ft		644.000	644.000	99%	5.30000	\$3,413.20
0060	_ Cutting Service Lead Protrusions	4027050	5.000	Ea		10.000	10.000	200%	52.90000	\$529.00
0065	_ Lateral, Preparation	4027050	10.000	Ea		0.000			52.90000	
0070	_ Lateral, Reinstate	4027050	83.000	Ea		90.000	90.000	108%	90.40000	\$8,136.00
0075	_ Mineral Deposit, Rem	4027050	50.000	Ea		168.000	168.000	336%	52.90000	\$8,887.20
0080	_ Traffic Maintenance and Control	8127051	1.000	LS		1.000	1.000	100%	6,312.00000	\$6,312.00
0085	_ Deliverables	8267051	1.000	LS	1.000	1.000	1.000	100%	529.30000	\$529.30

**Subtotal for Category 0000: 231180.00**

**Subtotal for Project 0160-0454: 231180.00**

Percentage of Contract Completed(curr): 102%  
(total earned to date / total of all authorized work)

Total Amount Earned This Estimate: 529.30

Total Amount Earned To Date: 231,180.00



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

51501 S-Broadway Road, Grosse Pointe Woods, MI 48238  
313.724.1200 | www.aew.com

January 11, 2023

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

Reference: 2021 Water Main Replacement Program  
Hollywood, Severn & Christine Court  
AEW Project No. 0160-0426

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 10 for the above referenced project. For work performed through December 31, 2022 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$35,900.00** to Fontana Construction, Inc., 6340 Sims Drive, Sterling Heights, MI 48313

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

Sincerely,

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

Ross T. Wilberding, PE  
Project Manager

RECEIVED

JAN 17 2023

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

PO 46244  
# 592-537-977.300  
OK - J.K.  
SM 1/17/23  
RJ 1-17-23

cc: Frank Schulte, City Administrator  
Jim Kowalski, Director of Public Services  
Jeanne Duffy, Grosse Pointe Woods  
Susan Como, Assistant City Administrator  
Fontana Construction, Inc.



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

1/11/2023 9:34 AM  
FieldManager 5.3c

**Contract: .0160-0426, 2021 Water Main Replacement Program**

Estimate No.	Estimate Date	Entered By	Estimate Type	Managing Office
10	12/31/2022	Michelle Harrington	Semi-Monthly	Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>		<b>Construction Started Date</b>	<b>Prime Contractor</b>	
		7/6/2021	Fontana Construction, Inc. 6340 Sims Drive Sterling Heights MI 48313	
<b>Comments</b>				
Current Contract Amount: \$1,625,631.70 % Completed: 74%				

### Item Usage Summary

Project: MISC, Various Locations  
Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Water Serv, Special	Ea	8237050	0525	0525	00	000	10.000	2,980.00	\$29,800.00
Water Serv	Ea	8230240	0500	0500	00	000	2.000	800.00	\$1,600.00
Water Serv, Long	Ea	8230245	0505	0505	00	000	3.000	1,500.00	\$4,500.00
<b>Subtotal for Category 0000:</b>									<b>\$35,900.00</b>
<b>Subtotal for Project MISC:</b>									<b>\$35,900.00</b>
<b>Total Estimated Item Payment:</b>									<b>\$35,900.00</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
MISC, Various Locations	0005	\$35,900.00	\$0.00	\$35,900.00
<b>Voucher Total:</b>				<b>\$35,900.00</b>



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

1/11/2023 9:34 AM

FieldManager 5.3c

### Summary

Current Voucher Total:	\$35,900.00	Earnings to date:	\$1,205,297.75
-Current Retainage:	\$0.00	- Retainage to date:	\$40,000.00
-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>\$35,900.00</b>	Net Earnings to date:	\$1,165,297.75
		- Payments to date:	\$1,129,397.75
		<b>Net Earnings this period:</b>	<b>\$35,900.00</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 Wilberding

205823CECB07428  
Ross T. Wilberding, PE

01/12/2023

(Date)





## Construction Pay Estimate Amount Balance Report

Estimate: 10

1/11/2023 9:34 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Contract: .0160-0426, 2021 Water Main Replacement Program**

**Project: Christine Ct., Vernier to end of cul-de-sac**

**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	Mobilization, Max 3%	1500001		0.200 LS		0.200	0.200	100%	25,000.00000	\$5,000.00
0010	Tree, Rem, 6 inch to 18 inch	2020004		4.000 Ea		3.000	3.000	75%	500.00000	\$1,500.00
0015	Dr Structure, Rem	2030011		2.000 Ea		2.000	2.000	100%	500.00000	\$1,000.00
0020	Sewer, Rem, Less than 24 inch	2030015		20.000 Ft		61.000	61.000	305%	40.00000	\$2,440.00
0025	Pavt, Rem	2040050		930.000 Syd		931.200	931.200	100%	10.00000	\$9,312.00
0030	Sidewalk, Rem	2040055		11.000 Syd		151.350	151.350	1376%	9.00000	\$1,362.15
0035	_ Driveway, Rem	2047011		85.000 Syd		133.160	133.160	157%	9.00000	\$1,198.44
0040	_ Station Grading	2057002		3.000 Sta		3.000	3.000	100%	3,000.00000	\$9,000.00
0045	_ Subgrade Undercutting, Modified	2057021		400.000 Cyd		0.000			40.00000	
0050	_ Subgrade Undercutting, Special	2057021		250.000 Cyd		0.000			30.00000	
0055	Ero Con, Inlet Protection, Fabric Drop	2080020		2.000 Ea		0.000			90.00000	
0060	Aggregate Base, 8 inch	3020020	1,040.000	Syd		1,039.680	1,039.680	99%	25.00000	\$25,992.00
0065	Maintenance Gravel	3060020	300.000	Ton		0.000			20.00000	
0070	_ Geogrid	3087011	1,040.000	Syd		1,016.680	1,016.680	98%	5.00000	\$5,083.40
0075	Sewer, CI IV, 12 inch, Tr Det B	4020987	20.000	Ft		38.900	38.900	195%	50.00000	\$1,945.00
0080	_ External Structure Wrap, 18 inch	4027050	4.000	Ea		0.000			600.00000	
0085	_ Sanitary Lead Repair	4027050	2.000	Ea		0.000			1,000.00000	
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea		1.000	1.000	50%	400.00000	\$400.00
0095	Dr Structure, 24 inch dia	4030200	1.000	Ea		1.000	1.000	100%	2,000.00000	\$2,000.00
0100	Dr Structure, 48 inch dia	4030210	1.000	Ea		1.000	1.000	100%	4,000.00000	\$4,000.00
0105	Dr Structure, Tap, 12 inch	4030312	1.000	Ea		1.000	1.000	100%	500.00000	\$500.00
0110	_ Catch Basin Cover, Restricted, GPW	4037050	2.000	Ea		2.000	2.000	100%	501.00000	\$1,002.00
0115	_ Combined Manhole Cover, GPW	4037050	2.000	Ea		1.000	1.000	50%	488.00000	\$488.00
0120	_ Dr Structure Trap, 12 inch	4037050	2.000	Ea		0.000			50.00000	
0125	Underdrain, Subgrade, 4 inch	4040071	660.000	Ft		637.000	637.000	97%	15.00000	\$9,555.00
0130	_ Pop-Up Emitter, Storm Drain, Residential	4047050	1.000	Ea		1.000	1.000	100%	50.00000	\$50.00
0135	Conc Pavt w/ Int Curb, Nonreinf, 7 inch	6020162	930.000	Syd		937.800	937.800	101%	69.00000	\$64,708.20
0140	Joint, Expansion, E2	6020207	66.000	Ft		0.000			23.00000	



# Construction Pay Estimate Amount Balance Report

Estimate: 10

Anderson, Eckstein and Westrick, Inc.

1/11/2023 9:34 AM

FieldManager 5.3c

Project: Christine Ct, Vernier to end of cul-de-sac

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
0145	Joint, Plane-of-Weakness, W	6020211	650.000	Ft		996.300	996.300	153%	6.00000	\$5,977.80
0150	Joint, Expansion, Erg	6030021	22.000	Ft		34.200	34.200	155%	18.00000	\$615.60
0155	Lane Tie, Epoxy Anchored	6030030	30.000	Ea		0.000			5.00000	
0160	Driveway, Nonreinf Conc, 6 inch	8010005	85.000	Syd		128.530	128.530	151%	50.00000	\$6,426.50
0165	Sidewalk, Conc, 4 inch	8030044	100.000	Sft		1,223.600	1,223.600	1224%	4.50000	\$5,506.20
0170	Sidewalk, Conc, 6 inch	8030046	300.000	Sft		244.500	244.500	82%	4.75000	\$1,161.38
0175	_ Traffic Control, Christine Ct	8127050	1.000	Ea		1.000	1.000	100%	5,000.00000	\$5,000.00
0180	_ Proposed Trees	8157050	4.000	Ea		0.000			500.00000	
0185	Sodding	8160055	340.000	Syd		362.560	362.560	107%	5.00000	\$1,812.80
0190	Topsoil Surface, Furn, 3 inch	8160061	340.000	Syd		362.560	362.560	107%	4.00000	\$1,450.24
0195	Water, Sodding/Seeding	8160090	18.000	Unit		0.000			75.00000	
0200	Hydrant, Rem	8230091	1.000	Ea		1.000	1.000	100%	475.00000	\$475.00
0205	_ Irrigation Pipe, Furn and Install	8237001	240.000	Ft		0.000			0.01000	
0210	_ Water Main, PVC, SDR 14, 8 inch, Tr Det G	8237001	270.000	Ft		0.000			125.00000	
0215	_ Fire Hydrant Assembly	8237050	1.000	Ea		1.000	1.000	100%	5,100.00000	\$5,100.00
0220	_ Sprinkler Head	8237050	15.000	Ea		0.000			0.01000	
0225	_ Sprinkler Head, Adj	8237050	15.000	Ea		0.000			0.01000	
0230	_ Water Main Connection, 6 inch	8237050	1.000	Ea		1.000	1.000	100%	2,100.00000	\$2,100.00
0235	_ Water Serv, Extend, Modified	8237050	5.000	Ea		0.000			500.00000	
0240	_ Water Serv, Modified	8237050	5.000	Ea		6.000	6.000	120%	580.00000	\$3,480.00
0245	_ Water Serv, Special	8237050	1.000	Ea		0.000			2,980.00000	
0250	_ Water Main, Abandon	8237051	1.000	LS		0.000			1,000.00000	
0255	_ Rubbish Pickup	8507051	0.200	LS		0.200	0.200	100%	500.00000	\$100.00

Subtotal for Category 0000: 185741.71

Subtotal for Project Christine Ct.: 185741.71



## Construction Pay Estimate Amount Balance Report

Estimate: 10

1/11/2023 9:34 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project: Hollywood, Marter to Goethe**

**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
0260	_ Audio Visual Record of the Construction Influence Area	1027051	0.500	LS		0.500	0.500	100%	5,000.00000	\$2,500.00
0265	Mobilization, Max 3%	1500001	0.300	LS		0.300	0.300	100%	25,000.00000	\$7,500.00
0270	Tree, Rem, 19 inch to 36 inch	2020002	10.000	Ea		11.000	11.000	110%	1,200.00000	\$13,200.00
0275	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea		2.000	2.000	100%	2,000.00000	\$4,000.00
0280	Tree, Rem, 6 inch to 18 inch	2020004	20.000	Ea		14.000	14.000	70%	500.00000	\$7,000.00
0285	Curb and Gutter, Rem	2040020	40.000	Ft		0.000			20.00000	
0290	Sidewalk, Rem	2040055	100.000	Syd		163.477	163.477	163%	9.00000	\$1,471.29
0295	Exploratory Investigation, Vertical	2040080	300.000	Ft		0.000			125.00000	
0300	_ Driveway, Rem	2047011	500.000	Syd		115.870	115.870	23%	9.00000	\$1,042.83
0305	Ero Con, Inlet Protection, Fabric Drop	2080020	6.000	Ea		0.000			90.00000	
0310	Aggregate Base, 6 inch	3020016	600.000	Syd		0.000			9.00000	
0315	Maintenance Gravel	3060020	300.000	Ton		75.640	75.640	25%	20.00000	\$1,512.80
0320	_ Sanitary Lead Repair	4027050	20.000	Ea		5.000	5.000	25%	1,000.00000	\$5,000.00
0325	Lane Tie, Epoxy Anchored	6030030	250.000	Ea		0.000			5.00000	
0330	Pavt Repr, Nonreinf Conc, 7 inch	6030042	201.660	Syd		0.000			55.00000	
0335	Pavt Repr, Rem	6030080	600.000	Syd		0.000			10.00000	
0340	Driveway, Nonreinf Conc, 6 inch	8010005	500.000	Syd		118.310	118.310	24%	50.00000	\$5,915.50
0345	Detectable Warning Surface	8030010	14.000	Ft		0.000			40.00000	
0350	Curb Ramp Opening, Conc	8030030	16.000	Ft		0.000			25.00000	
0355	Sidewalk Ramp, Conc, 4 inch	8030034	100.000	Sft		0.000			5.00000	
0360	Sidewalk Ramp, Conc, 6 inch	8030036	125.000	Sft		0.000			6.00000	
0365	Sidewalk, Conc, 4 inch	8030044	900.000	Sft		1,495.500	1,495.500	166%	4.50000	\$6,729.75
0370	Sidewalk, Conc, 6 inch	8030046	200.000	Sft		69.500	69.500	35%	4.75000	\$330.13
0375	_ Traffic Control, Hollywood	8127050	1.000	Ea		1.000	1.000	100%	3,000.00000	\$3,000.00
0380	_ Proposed Trees	8157050	30.000	Ea		40.000	40.000	133%	500.00000	\$20,000.00
0385	Sodding	8160055	2,500.000	Syd		1,297.640	1,297.640	52%	5.00000	\$6,488.20
0390	Topsoil Surface, Furn, 3 inch	8160061	2,500.000	Syd		1,297.640	1,297.640	52%	4.00000	\$5,190.56
0395	Water, Sodding/Seeding	8160090	100.000	Unit		0.000			75.00000	
0400	Gate Valve, 8 inch	8230062	2.000	Ea		3.000	3.000	150%	2,000.00000	\$6,000.00



## Construction Pay Estimate Amount Balance Report

Estimate: 10

1/11/2023 9:34 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project: Hollywood, Marter to Goethe**

**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
0405	Gate Well, Rem	8230076	2.000	Ea	2.000	2.000	2.000	100%	475.00000	\$950.00
0410	Hydrant, Rem	8230091	5.000	Ea	5.000	5.000	5.000	100%	475.00000	\$2,375.00
0415	Water Main, 8 inch, Cut and Plug	8230132	2.000	Ea	2.000	0.000	0.000		327.00000	
0420	Water Serv	8230240	5.000	Ea	5.000	4.000	4.000	80%	800.00000	\$3,200.00
0425	Water Serv, Long	8230245	5.000	Ea	5.000	0.000	0.000		1,500.00000	
0430	Gate Well, 60 inch dia	8230360	2.000	Ea	2.000	3.000	3.000	150%	2,900.00000	\$8,700.00
0435	_ Irrigation Pipe, Furn and Install	8237001	970.000	Ft	970.000	31.000	31.000	3%	0.01000	\$0.31
0440	_ Water Main, HDPE, DR11, 8 inch, Pipe Bur st	8237001	1,852.000	Ft	1,852.000	2,130.600	2,130.600	115%	95.00000	\$202,407.00
0445	_ Fire Hydrant Assembly	8237050	5.000	Ea	5.000	5.000	5.000	100%	5,100.00000	\$25,500.00
0450	_ Gate Well Cover, GPW	8237050	2.000	Ea	2.000	3.000	3.000	150%	488.00000	\$1,464.00
0455	_ Sprinkler Head	8237050	100.000	Ea	100.000	0.000	0.000		0.01000	
0460	_ Sprinkler Head, Adj	8237050	100.000	Ea	100.000	4.000	4.000	4%	0.01000	\$0.04
0465	_ Water Main Connection, 8 inch	8237050	2.000	Ea	2.000	2.000	2.000	100%	2,100.00000	\$4,200.00
0470	_ Water Serv, Modified	8237050	82.000	Ea	82.000	88.000	88.000	107%	580.00000	\$51,040.00
0475	_ Water Serv, Special	8237050	10.000	Ea	10.000	0.000	0.000		2,980.00000	
0480	_ Temporary Water Service	8237051	0.400	LS	0.400	0.400	0.400	100%	25,000.00000	\$10,000.00
0485	_ Rubbish Pickup	8507051	0.300	LS	0.300	0.300	0.300	100%	500.00000	\$150.00
0755	_ Sanitary Lead Repair	8237050	1.000	Ea	1.000	1.000	1.000	100%	7,700.40000	\$7,700.40

**Subtotal for Category 0000: 414567.81**

**Subtotal for Project Hollywood: 414567.81**

**Project: MISC, Various Locations**

**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
0490	_ Traffic Control, Miscellaneous	8127050	1.000	Ea	1.000	0.000	0.000		3,000.00000	



## Construction Pay Estimate Amount Balance Report

Estimate: 10

Anderson, Eckstein and Westrick, Inc.

1/11/2023 9:34 AM

FieldManager 5.3c

**Project: MISC, Various Locations**

**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
0495	Gate Valve, 8 inch	8230062	2.000	Ea		0.000			2,000.00000	
0500	Water Serv	8230240	10.000	Ea	2.000	2.000	2.000	20%	800.00000	\$1,600.00
0505	Water Serv, Long	8230245	15.000	Ea	3.000	3.000	3.000	20%	1,500.00000	\$4,500.00
0510	Gate Well, 60 inch dia	8230360	2.000	Ea		0.000			2,900.00000	
0515	_ Water Main, Remove	8237001	20.000	Ft		15.000	15.000	75%	10.00000	\$150.00
0520	_ Gate Well Cover, GPW	8237050	2.000	Ea		0.000			488.00000	
0525	_ Water Serv, Special	8237050	25.000	Ea	10.000	26.000	26.000	104%	2,980.00000	\$77,480.00
0760	_ Water Service Repair	8237050	1.000	Ea		1.000	1.000	100%	8,891.00000	\$8,891.00
0765	_ 1491 Anita Lead Service Line Replacement	8237050	1.000	Ea		1.000	1.000	100%	5,317.60000	\$5,317.60

**Subtotal for Category 0000: 97938.60**

**Subtotal for Project MISC: 97938.60**

**Project: Severn, Mack to Craig**

**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
0530	_ Audio Visual Record of the Construction Influence Area	1027051	0.500	LS		0.500	0.500	100%	5,000.00000	\$2,500.00
0535	Mobilization, Max 3%	1500001	0.500	LS		0.500	0.500	100%	25,000.00000	\$12,500.00
0540	Tree, Rem, 19 inch to 36 inch	2020002	10.000	Ea		5.000	5.000	50%	1,200.00000	\$6,000.00
0545	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea		1.000	1.000	50%	2,000.00000	\$2,000.00
0550	Tree, Rem, 6 inch to 18 inch	2020004	20.000	Ea		13.000	13.000	65%	500.00000	\$6,500.00
0555	Curb and Gutter, Rem	2040020	40.000	Ft		0.000			20.00000	
0560	Sidewalk, Rem	2040055	100.000	Syd		156.320	156.320	156%	9.00000	\$1,406.88
0565	_ Driveway, Rem	2047011	500.000	Syd		88.960	88.960	18%	9.00000	\$800.64
0570	Ero Con, Inlet Protection, Fabric Drop	2080020	5.000	Ea		0.000			90.00000	
0575	Aggregate Base, 6 inch	3020016	600.000	Syd		25.500	25.500	4%	9.00000	\$229.50



## Construction Pay Estimate Amount Balance Report

Estimate: 10

1/11/2023 9:34 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project:** Severn, Mack to Craig

**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
0580	Maintenance Gravel	3060020	300.000	Ton		0.000			20.00000	
0585	_ Sanitary Lead Repair	4027050	2.000	Ea		0.000			1,000.00000	
0590	Lane Tie, Epoxy Anchored	6030030	250.000	Ea		21.000	21.000	8%	5.00000	\$105.00
0595	Pavt Repr, Nonreinf Conc, 7 inch	6030042	600.000	Syd		25.500	25.500	4%	55.00000	\$1,402.50
0600	Pavt Repr, Rem	6030080	600.000	Syd		25.500	25.500	4%	10.00000	\$255.00
0605	Driveway, Nonreinf Conc, 6 inch	8010005	500.000	Syd		60.560	60.560	12%	50.00000	\$3,028.00
0610	Detectable Warning Surface	8030010	35.000	Ft		20.000	20.000	57%	40.00000	\$800.00
0615	Curb Ramp Opening, Conc	8030030	32.000	Ft		0.000			25.00000	
0620	Sidewalk Ramp, Conc, 4 inch	8030034	100.000	Sft		0.000			5.00000	
0625	Sidewalk Ramp, Conc, 6 inch	8030036	100.000	Sft		161.400	161.400	161%	6.00000	\$968.40
0630	Sidewalk, Conc, 4 inch	8030044	900.000	Sft		779.500	779.500	87%	4.50000	\$3,507.75
0635	Sidewalk, Conc, 6 inch	8030046	200.000	Sft		0.000			4.75000	
0640	_ Traffic Control, Severn & Craig	8127050	1.000	Ea		1.000	1.000	100%	3,000.00000	\$3,000.00
0645	_ Proposed Trees	8157050	30.000	Ea		0.000			500.00000	
0650	Sodding	8160055	2,750.000	Syd		1,188.660	1,188.660	43%	5.00000	\$5,943.30
0655	Topsoil Surface, Furn, 3 inch	8160061	2,750.000	Syd		1,188.660	1,188.660	43%	4.00000	\$4,754.64
0660	Water, Sodding/Seeding	8160090	105.000	Unit		0.000			75.00000	
0665	Gate Valve, 8 inch	8230062	7.000	Ea		4.000	4.000	57%	2,000.00000	\$8,000.00
0670	Gate Well, Rem	8230076	7.000	Ea		5.000	5.000	71%	475.00000	\$2,375.00
0675	Hydrant, Rem	8230091	4.000	Ea		5.000	5.000	125%	475.00000	\$2,375.00
0680	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea		0.000			327.00000	
0685	Water Serv	8230240	7.000	Ea		6.000	6.000	86%	800.00000	\$4,800.00
0690	Water Serv, Long	8230245	8.000	Ea		1.000	1.000	13%	1,500.00000	\$1,500.00
0695	Gate Well, 60 inch dia	8230360	7.000	Ea		4.000	4.000	57%	2,900.00000	\$11,600.00
0700	_ Irrigation Pipe, Furn and Install	8237001	1,500.000	Ft		94.290	94.290	6%	0.01000	\$0.94
0705	_ Water Main, HDPE, DR11, 8 inch, Pipe Bur st	8237001	3,350.000	Ft		3,321.000	3,321.000	99%	95.00000	\$315,495.00
0710	_ Fire Hydrant Assembly	8237050	4.000	Ea		5.000	5.000	125%	5,100.00000	\$25,500.00
0715	_ Gate Well Cover, GPW	8237050	7.000	Ea		4.000	4.000	57%	488.00000	\$1,952.00
0720	_ Sprinkler Head	8237050	100.000	Ea		4.000	4.000	4%	0.01000	\$0.04

Contract: .0160-0426

Estimate: 10

Page 6 of 7



### Construction Pay Estimate Amount Balance Report

Estimate: 10

1/11/2023 9:34 AM

FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

Project: Severn, Mack to Craig

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
0725	_ Sprinkler Head, Adj	8237050	100.000	Ea		4.000	4.000	4%	0.01000	\$0.04
0730	_ Water Main Connection, 8 inch	8237050	4.000	Ea		4.000	4.000	100%	2,100.00000	\$8,400.00
0735	_ Water Serv, Modified	8237050	86.000	Ea		83.000	83.000	97%	580.00000	\$48,140.00
0740	_ Water Serv, Special	8237050	15.000	Ea		2.000	2.000	13%	2,980.00000	\$5,960.00
0745	_ Temporary Water Service	8237051	0.600	LS		0.600	0.600	100%	25,000.00000	\$15,000.00
0750	_ Rubbish Pickup	8507051	0.500	LS		0.500	0.500	100%	500.00000	\$250.00

Subtotal for Category 0000: 507049.63

Subtotal for Project Severn: 507049.63

Percentage of Contract Completed(curr): 74%  
(total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$35,900.00

Total Amount Earned To Date: \$1,205,297.75