



ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS SURVEYORS ARCHITECTS

51301 Schoenherr Road  
Shelby Township, MI 48315

586.726.1234  
www.aewinc.com

June 7, 2022

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

RECEIVED

JUN 13 2022

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

Reference: Bournemouth Water Main Replacement  
City of Grosse Pointe Woods  
AEW Project No. 0160-0417

Dear Mrs. Murphy:

Enclosed is the Final Pay Estimate, Sworn Statement and Consent of Surety for the above referenced Project. For work performed through June 6, 2022, we recommend issuing payment for the **Net Earnings this Period (see Page 3)** in the amount of **\$199,841.29** to Fontana Construction, Inc. 6340 Sims Drive, Sterling Heights, MI 48313

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

Sincerely,

Ross T. Wilberding, PE  
Project Manager

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

P020-45741  
#592-537-977.300

OK - J.K.

SM 6/8/2022

F-3 - 6-9-22



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/6/2022 4:49 PM

FieldManager 5.3c

Contract: .0160-0417, Bournemouth Water Main Replacement

<b>Estimate No.</b> 5	<b>Estimate Date</b> 6/6/2022	<b>Entered By</b> Michelle Ankawi	<b>Estimate Type</b> Final	<b>Managing Office</b> Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b> 6/6/2022	<b>Construction Started Date</b> 7/24/2020	<b>Prime Contractor</b> Fontana Construction, Inc. 6340 Sims Drive Sterling Heights MI 48313		
<b>Comments</b> Current Contract Amount: \$831,478.26 % Completed: 100%				

## Item Usage Summary

Project: Bournemouth, Bournemouth, Raymond & Linville

Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Additional Work and Approved Extras	LS	1027051	0605	0345	SA	003	1.000	15,181.70	\$15,181.70
_ ETNA Invoice 5-9-22	LS	1027051	0600	0340	SA	002	1.000	1,324.58	\$1,324.58
_ Fire Hydrant Assembly	Ea	8237050	0270	0270	00	000	2.000	5,100.00	\$10,200.00
_ Gate Well Cover, GPW	Ea	8237050	0280	0280	00	000	2.000	488.00	\$976.00
_ Payment for Additional Work, Extras, an	LS	1027051	0595	0335	SA	002	1.000	57,232.24	\$57,232.24
_ Water Main, HDPE, DR11, 8 inch, Pipe Bur st	Ft	8237001	0260	0260	00	000	310.000	95.00	\$29,450.00
_ Water Main, Remove	Ft	8237001	0265	0265	00	000	168.000	10.00	\$1,680.00
_ Water Serv, Modified	Ea	8237050	0305	0305	00	000	5.000	580.00	\$2,900.00
_ Water Serv, Special	Ea	8237050	0310	0310	00	000	4.000	2,980.00	\$11,920.00
Aggregate Base, 6 inch	Syd	3020016	0060	0060	00	000	161.500	9.00	\$1,453.50
Ero Con, Inlet Protection, Fabric Drop	Ea	2080020	0055	0055	00	000	6.000	90.00	\$540.00
Gate Valve, 8 inch	Ea	8230062	0200	0200	00	000	1.000	2,000.00	\$2,000.00
Gate Well, 60 inch dia	Ea	8230360	0240	0240	00	000	1.000	2,900.00	\$2,900.00
Gate Well, Rem	Ea	8230076	0210	0210	00	000	1.000	475.00	\$475.00
Hydrant, Rem	Ea	8230091	0215	0215	00	000	3.000	475.00	\$1,425.00
Maintenance Gravel	Ton	3060020	0065	0065	00	000	120.000	20.00	\$2,400.00
Pavt Repr, Nonreinf Conc, 7 inch	Syd	6030042	0120	0120	00	000	4.000	55.00	\$220.00
Sidewalk, Conc, 4 inch	Sft	8030044	0165	0165	00	000	52.500	4.50	\$236.25
Sidewalk, Rem	Syd	2040055	0035	0035	00	000	5.800	9.00	\$52.20
Sodding	Syd	8160055	0185	0185	00	000	-60.818	5.00	-\$304.09
Water Serv	Ea	8230240	0230	0230	00	000	1.000	800.00	\$800.00



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/6/2022 4:49 PM

FieldManager 5.3c

## Item Usage Summary

Project: Bournemouth, Bournemouth, Raymond & Linville

Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
Water, Sodding/Seeding	Unit	8160090	0195	0195	00	000	35.000	75.00	\$2,625.00
<b>Subtotal for Category 0000:</b>									<b>\$145,687.38</b>
<b>Subtotal for Project Bournemouth:</b>									<b>\$145,687.38</b>

Project: Easement WMs,

Category: 0001, Saddle Ln-Cook

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Water Main Connection, 8 inch	Ea	8237050	0405	0405	00	000	1.000	2,100.00	\$2,100.00
_ Water Main, HDPE, DR11, 8 inch, Pipe Bur st	Ft	8237001	0395	0395	00	000	10.000	95.00	\$950.00
Gate Well, 60 inch dia	Ea	8230360	0390	0390	00	000	1.000	2,900.00	\$2,900.00
Water Main, 8 inch, Cut and Plug	Ea	8230132	0385	0385	00	000	2.000	327.00	\$654.00
Water, Sodding/Seeding	Unit	8160090	0370	0370	00	000	2.000	75.00	\$150.00
<b>Subtotal for Category 0001:</b>									<b>\$6,754.00</b>

Category: 0002, Lakeshore-Shoreham

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Water Main Connection, 6 inch	Ea	8237050	0465	0465	00	000	1.000	2,100.00	\$2,100.00
_ Water Main, HDPE, DR11, 6 inch, Pipe Bur st	Ft	8237001	0460	0460	00	000	320.000	90.00	\$28,800.00
Water, Sodding/Seeding	Unit	8160090	0450	0450	00	000	2.000	75.00	\$150.00
<b>Subtotal for Category 0002:</b>									<b>\$31,050.00</b>

Category: 0003, S. Renaud

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ Gate Well Cover, GPW	Ea	8237050	0570	0570	00	000	-1.000	488.00	\$-488.00
_ Water Main Connection, 8 inch	Ea	8237050	0580	0580	00	000	1.000	2,100.00	\$2,100.00
_ Water Main, HDPE, DR11, 6 inch, Pipe Bur st	Ft	8237001	0565	0565	00	000	-290.000	90.00	\$-26,100.00
Ero Con, Inlet Protection, Fabric Drop	Ea	2080020	0485	0485	00	000	2.000	90.00	\$180.00
Exploratory Investigation, Vertical	Ft	2040080	0475	0475	00	000	7.000	125.00	\$875.00
Gate Well, 60 inch dia	Ea	8230360	0560	0560	00	000	-1.000	2,900.00	\$-2,900.00



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/6/2022 4:49 PM

FieldManager 5.3c

## Item Usage Summary

Project: Easement WMs,  
Category: 0003, S. Renaud

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
Water, Sodding/Seeding	Unit	8160090	0535	0535	00	000	2.000	75.00	\$150.00
Subtotal for Category 0003:									\$-26,183.00
Subtotal for Project Easement WMs:									\$11,621.00
Total Estimated Item Payment:									\$157,308.38

## 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
Bournemouth, Bournemouth, Raymond & Linville	0005	\$145,687.38	\$0.00	\$145,687.38
Easement WMs,	0003	\$11,621.00	\$0.00	\$11,621.00
Voucher Total:				\$157,308.38

## Summary

Current Voucher Total:	\$157,308.38	Earnings to date:	\$831,478.26
-Current Retainage:	(\$42,532.91)	- Retainage to date:	\$0.00
-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>\$199,841.29</b>	Net Earnings to date:	\$831,478.26
		- Payments to date:	\$631,636.97
		<b>Net Earnings this period:</b>	<b>\$199,841.29</b>



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.


6/6/2022 4:49 PM

FieldManager 5.3c

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### 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.

  
\_\_\_\_\_  
Ross T. Wilberding, PE

6/7/22  
(Date)

  
\_\_\_\_\_  
Fontana Construction, Inc.

6-6-2022  
(Date)



# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/6/2022 4:49 PM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

**Contract: .0160-0417, Bournemouh Water Main Replacement**  
**Project: Bournemouh, Bournemouh, Raymond & Linville**

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
0605	- Additional Work and Approved Extras	1027051	1,000	LS	1,000	1,000	1,000	100%	15,181.70000	\$15,181.70
0005	- Audio Visual Record of the Construction Influence Area	1027051	1,000	LS	1,000	1,000	1,000	100%	3,750.00000	\$3,750.00
0085	- Catch Basin Cover, Restricted, GPW	4037050	0.000	Ea	0.000	0.000	0.000		501.00000	
0090	- Combined Manhole Cover, GPW	4037050	0.000	Ea	0.000	0.000	0.000		488.00000	
0040	- Driveway, Rem	2047011	86,660	Syd	86,660	86,660	86,660	100%	9.00000	\$779.94
0600	- ETNA Invoice 5-9-22	1027051	1,000	LS	1,000	1,000	1,000	100%	1,324.58000	\$1,324.58
0070	- External Structure Wrap, 18 inch	4027050	0.000	Ea	0.000	0.000	0.000		600.00000	
0270	- Fire Hydrant Assembly	8237050	8,000	Ea	8,000	8,000	8,000	100%	5,100.00000	\$40,800.00
0275	- Gate Box, Rem	8237050	1,000	Ea	1,000	1,000	1,000	100%	500.00000	\$500.00
0280	- Gate Well Cover, GPW	8237050	6,000	Ea	6,000	6,000	6,000	100%	488.00000	\$2,928.00
0255	- Irrigation Pipe, Furn and Install	8237001	0.000	Ft	0.000	0.000	0.01000		57,232.24000	\$57,232.24
0595	- Payment for Additional Work, Extras, an	1027051	1,000	LS	1,000	1,000	1,000	100%	58.00000	\$29,000.00
0180	- Proposed Trees	8157050	58,000	Ea	58,000	58,000	58,000	100%	1.00000	\$1.00
0320	- Rubbish Pickup	8507051	1,000	LS	1,000	1,000	1,000	100%	0.01000	
0285	- Sprinkler Head	8237050	0.000	Ea	0.000	0.000	0.000		488.00000	
0290	- Sprinkler Head, Adj	8237050	0.000	Ea	0.000	0.000	0.000		40.00000	
0095	- Storm Manhole Cover, GPW	4037050	0.000	Ea	0.000	0.000	0.000		30.00000	
0045	- Subgrade Undercutting, Modified	2057021	0.000	Cyd	0.000	0.000	0.000		20,000.00000	\$20,000.00
0050	- Subgrade Undercutting, Special	2057021	0.000	Cyd	0.000	0.000	0.000		2,500.00000	\$2,500.00
0315	- Temporary Water Service	8237051	1,000	LS	1,000	1,000	1,000	100%	2,300.00000	\$2,300.00
0175	- Traffic Control, Bournemouh, Linville, Raymond	8127051	1,000	LS	1,000	1,000	1,000	100%	2,100.00000	\$4,200.00
0295	- Water Main Connection, 12 inch	8237050	1,000	Ea	1,000	1,000	1,000	100%	95.00000	\$303,050.00
0300	- Water Main Connection, 8 inch	8237050	2,000	Ea	2,000	2,000	2,000	100%	10.00000	\$1,680.00
0260	- Water Main, HDPE, DR11, 8 inch, Pipe Bur st	8237001	3,190,000	Ft	3,190,000	3,190,000	3,190,000	100%	560.00000	\$60,900.00
0265	- Water Main, Remove	8237001	168,000	Ft	168,000	168,000	168,000	100%	2,980.00000	\$11,920.00
0305	- Water Serv, Modified	8237050	105,000	Ea	105,000	105,000	105,000	100%		
0310	- Water Serv, Special	8237050	4,000	Ea	4,000	4,000	4,000	100%		

Contract: .0160-0417

Estimate: 5



# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/6/2022 4:49 PM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

Project: Bournemouthe, Bournemouthe, Raymond & Linville

Category: 0000,

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Cty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0060	Aggregate Base, 6 inch	3020016	161,500	Syd	161,500	161,500	161,500	100%	9.00000	\$1,453.50
0140	Curb and Gutter, Conc, Det F1	8020035	0.000	Ft	0.000	0.000	0.000	100%	25.00000	25.00000
0030	Curb and Gutter, Rem	2040020	0.000	Ft	0.000	0.000	0.000	100%	20.00000	20.00000
0150	Curb Ramp Opening, Conc	8030030	0.000	Ft	0.000	0.000	0.000	100%	25.00000	25.00000
0145	Detectable Warning Surface	8030010	5,000	Ft	5,000	5,000	5,000	100%	40.00000	\$200.00
0075	Dr Structure Cover, Adj, Case 2	4030006	0.000	Ea	0.000	0.000	0.000	100%	350.00000	350.00000
0080	Dr Structure, Adj, Add Depth	4030280	0.000	Ft	0.000	0.000	0.000	100%	1.00000	1.00000
0130	Driveway, Nonreinf Conc, 6 inch	8010005	87,500	Syd	87,500	87,500	87,500	100%	50.00000	\$4,375.00
0135	Driveway, Nonreinf Conc, 8 inch	8010007	0.000	Syd	0.000	0.000	0.000	100%	58.00000	58.00000
0055	Ero Con, Inlet Protection, Fabric Drop	2080020	6,000	Ea	6,000	6,000	6,000	100%	90.00000	\$540.00
0250	Gate Box, Adj, Case 2	8230432	0.000	Ea	0.000	0.000	0.000	100%	200.00000	200.00000
0205	Gate Valve, 12 inch	8230064	0.000	Ea	0.000	0.000	0.000	100%	2,950.00000	2,950.00000
0200	Gate Valve, 8 inch	8230062	6,000	Ea	6,000	6,000	6,000	100%	2,000.00000	\$12,000.00
0240	Gate Well, 60 inch dia	8230360	6,000	Ea	6,000	6,000	6,000	100%	2,900.00000	\$17,400.00
0210	Gate Well, Rem	8230076	6,000	Ea	6,000	6,000	6,000	100%	475.00000	\$2,850.00
0100	Hand Patching	5010025	0.000	Ton	0.000	0.000	0.000	100%	170.00000	170.00000
0215	Hydrant, Rem	8230091	8,000	Ea	8,000	8,000	8,000	100%	475.00000	\$3,800.00
0105	Joint, Expansion, E2	6020207	12,600	Ft	12,600	12,600	12,600	100%	20.00000	\$252.00
0110	Joint, Expansion, Erg	6030021	0.000	Ft	0.000	0.000	0.000	100%	20.00000	20.00000
0115	Lane Tie, Epoxy Anchored	6030030	85,000	Ea	85,000	85,000	85,000	100%	5.00000	\$425.00
0065	Maintenance Gravel	3060020	120,000	Ton	120,000	120,000	120,000	100%	20.00000	\$2,400.00
0010	Mobilization, Max 3%	1500001	1,000	LS	1,000	1,000	1,000	100%	24,000.00000	\$24,000.00
0120	Pavt Repr, Nonreinf Conc, 7 inch	6030042	161,500	Syd	161,500	161,500	161,500	100%	55.00000	\$8,882.50
0125	Pavt Repr, Rem	6030080	151,300	Syd	151,300	151,300	151,300	100%	10.00000	\$1,513.00
0155	Sidewalk Ramp, Conc, 4 inch	8030034	0.000	Sft	0.000	0.000	0.000	100%	5.00000	5.00000
0160	Sidewalk Ramp, Conc, 6 inch	8030036	856,200	Sft	856,200	856,200	856,200	100%	6.00000	\$3,852.90
0165	Sidewalk, Conc, 4 inch	8030044	25,500	Sft	25,500	25,500	25,500	100%	4.75000	\$121.13
0170	Sidewalk, Conc, 6 inch	8030046	121,040	Syd	121,040	121,040	121,040	100%	9.00000	\$1,089.36
0035	Sidewalk, Rem	2040055	0.000	Syd	0.000	0.000	0.000	100%	9.00000	9.00000

Contract: 0160-0417

Estimate: 5

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# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/6/2022 4:49 PM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

Project: Bournemouthe, Bournemouthe, Raymond & Linville

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
0185	Sodding	8160055	1,880.982	Syd	-60.818	1,880.982	1,880.982	100%	5.00000	\$9,404.91
0190	Topsoil Surface, Furn, 3 inch	8160061	1,941.800	Syd		1,941.800	1,941.800	100%	4.00000	\$7,767.20
0015	Tree, Rem, 19 inch to 36 inch	2020002	16.000	Ea		16.000	16.000	100%	1,200.00000	\$19,200.00
0020	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea		3.000	3.000	100%	2,000.00000	\$6,000.00
0025	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea		18.000	18.000	100%	500.00000	\$9,000.00
0225	Water Main, 12 inch, Cut and Plug	8230134	1.000	Ea		1.000	1.000	100%	440.00000	\$440.00
0220	Water Main, 8 inch, Cut and Plug	8230132	0.000	Ea		0.000			327.00000	
0230	Water Serv	8230240	1.000	Ea	1.000	1.000	1.000	100%	800.00000	\$800.00
0235	Water Serv, Long	8230245	0.000	Ea		0.000			1,500.00000	
0245	Water Shutoff, Adj, Case 2	8230422	0.000	Ea		0.000			100.00000	
0195	Water, Sodding/Seeding	8160090	36.000	Unit	35.000	36.000	36.000	100%	75.00000	\$2,700.00
									<b>Subtotal for Category 0000:</b>	<b>698513.96</b>

Subtotal for Project Bournemouthe: 698513.96

Project: Easement WMs,

Category: 0001, Saddle Ln-Cook

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
0400	_ Gate Well Cover, GPW	8237050	0.000	Ea		0.000			488.00000	
0355	_ Traffic Control, Saddle Ln	8127051	1.000	LS		1.000	1.000	100%	2,500.00000	\$2,500.00
0405	_ Water Main Connection, 8 inch	8237050	2.000	Ea	1.000	2.000	2.000	100%	2,100.00000	\$4,200.00
0395	_ Water Main, HDPE, DR11, 8 inch, Pipe Bur st	8237001	240.000	Ft	10.000	240.000	240.000	100%	95.00000	\$22,800.00
0410	_ Water Serv, Modified	8237050	8.000	Ea		8.000	8.000	100%	580.00000	\$4,640.00
0330	Ero Con, Inlet Protection, Fabric Drop	2080020	0.000	Ea		0.000			90.00000	
0375	Gate Valve, 8 inch	8230062	1.000	Ea		1.000	1.000	100%	2,000.00000	\$2,000.00
0390	Gate Well, 60 inch dia	8230360	1.000	Ea	1.000	1.000	1.000	100%	2,900.00000	\$2,900.00
									<b>Subtotal for Category 0001:</b>	<b>698513.96</b>

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Estimate: 5

Contract: .0160-0417





# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/6/2022 4:49 PM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

Project: Easement WMs,

Category: 0001, Saddle Ln-Cook

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
0380	Gate Well Rem	8230076	1.000	Ea	1.000	1.000	1.000	100%	475.00000	\$475.00
0335	Lane Tie, Epoxy Anchored	6030030	0.000	Ea	0.000	0.000	0.000		5.00000	
0340	Pavt Repr. Nonreinf Conc, 7 inch	6030042	0.000	Syd	0.000	0.000	0.000		55.00000	
0345	Pavt Repr. Rem	6030080	40.000	Syd	40.000	40.000	40.000	100%	10.00000	\$400.00
0350	Sidewalk, Conc, 4 inch	8030044	167.500	Sft	167.500	167.500	167.500	100%	4.50000	\$753.75
0325	Sidewalk, Rem	2040055	18.600	Syd	18.600	18.600	18.600	100%	9.00000	\$167.40
0360	Sodding	8160055	106.600	Syd	106.600	106.600	106.600	100%	5.00000	\$533.00
0365	Topsoil Surface, Furn, 3 inch	8160061	106.600	Syd	106.600	106.600	106.600	100%	4.00000	\$426.40
0385	Water Main, 8 inch, Cut and Plug	8230132	2.000	Ea	2.000	2.000	2.000	100%	327.00000	\$654.00
0370	Water, Sodding/Seeding	8160090	2.000	Unit	2.000	2.000	2.000	100%	75.00000	\$150.00
<b>Subtotal for Category 0001:</b>										<b>42599.55</b>

Category: 0002, Lakeshore-Shoreham

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
0435	Traffic Control, Lakeshore	8127051	1.000	LS	1.000	1.000	1.000	100%	2.500.00000	\$2,500.00
0465	Water Main Connection, 6 inch	8237050	2.000	Ea	1.000	2.000	2.000	100%	2,100.00000	\$4,200.00
0460	Water Main, HDPE, DR11, 6 inch, Pipe Bur st	8237001	320.000	Ft	320.000	320.000	320.000	100%	90.00000	\$28,800.00
0415	Ero Con. Inlet Protection, Fabric Drop	2080020	0.000	Ea	0.000	0.000	0.000		90.00000	
0420	Lane Tie, Epoxy Anchored	6030030	36.000	Ea	36.000	36.000	36.000	100%	5.00000	\$180.00
0425	Pavt Repr. Nonreinf Conc, 7 inch	6030042	55.700	Syd	55.700	55.700	55.700	100%	55.00000	\$3,063.50
0430	Pavt Repr. Rem	6030080	55.700	Syd	55.700	55.700	55.700	100%	10.00000	\$557.00
0440	Sodding	8160055	0.000	Syd	0.000	0.000	0.000		5.00000	
0445	Topsoil Surface, Furn, 3 inch	8160061	220.600	Syd	220.600	220.600	220.600	100%	4.00000	\$882.40
0455	Water Main, 6 inch, Cut and Plug	8230131	2.000	Ea	2.000	2.000	2.000	100%	287.00000	\$574.00

Contract: 0160-0417

Estimate: 5

Page 4 of 6



# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/6/2022 4:49 PM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

Project: Easement WMs,

Category: 0002, Lakeshore-Shoreham

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
0450	Water, Sodding/Seeding	8160090	2,000	Unit	2,000	2,000	2,000	100%	75.00000	\$150.00
<b>Subtotal for Category 0002: 40906.90</b>										

Category: 0003, S. Renaud

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
0480	Driveway, Rem	2047011	52,650	Syd		52,650	52,650	100%	9.00000	\$473.85
0570	Gate Well Cover, GPW	8237050	1,000	Ea	-1,000	1,000	1,000	100%	488.00000	\$488.00
0520	Traffic Control, S. Renaud	8127051	1,000	LS		1,000	1,000	100%	2,500.00000	\$2,500.00
0575	Water Main Connection, 6 inch	8237050	2,000	Ea		2,000	2,000	100%	2,100.00000	\$4,200.00
0580	Water Main Connection, 8 inch	8237050	1,000	Ea	1,000	1,000	1,000	100%	2,100.00000	\$2,100.00
0565	Water Main, HDPE, DR11, 6 inch, Pipe Bur st	8237001	345,000	Ft	-290,000	345,000	345,000	100%	90.00000	\$31,050.00
0505	Driveway, Nonreinf Conc, 6 inch	8010005	0,000	Syd		0,000	0,000		50.00000	
0485	Ero Con, Inlet Protection, Fabric Drop	2080020	2,000	Ea	2,000	2,000	2,000	100%	90.00000	\$180.00
0475	Exploratory Investigation, Vertical	2040080	7,000	Ft	7,000	7,000	7,000	100%	125.00000	\$875.00
0540	Gate Valve, 6 inch	8230061	1,000	Ea		1,000	1,000	100%	1,610.00000	\$1,610.00
0560	Gate Well, 60 inch dia	8230360	1,000	Ea	-1,000	1,000	1,000	100%	2,900.00000	\$2,900.00
0545	Gate Well, Rem	8230076	1,000	Ea		1,000	1,000	100%	475.00000	\$475.00
0490	Lane Tie, Epoxy Anchored	6030030	0,000	Ea		0,000	0,000		5.00000	
0495	Pavt Repr, Nonreinf Conc, 7 inch	6030042	0,000	Syd		0,000	0,000		55.00000	
0500	Pavt Repr, Rem	6030080	0,000	Syd		0,000	0,000		10.00000	
0510	Sidewalk, Conc, 4 inch	8030044	0,000	Sit		0,000	0,000		4.50000	
0515	Sidewalk, Conc, 6 inch	8030046	0,000	Sit		0,000	0,000		4.75000	
0470	Sidewalk, Rem	2040055	13,889	Syd	13,889	13,889	13,889	100%	9.00000	\$125.00
0525	Sodding	8160055	220,600	Syd		220,600	220,600	100%	5.00000	\$1,103.00
0530	Topsoil Surface, Furn, 3 inch	8160061	0,000	Syd		0,000	0,000		4.00000	
0550	Water Main, 6 inch, Cut and Plug	8230131	2,000	Ea		2,000	2,000	100%	287.00000	\$574.00

Contract: 0160-0417

Estimate: 5

Page 5 of 6



# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/6/2022 4:49 PM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

Project: Easement WMs,

Category: 0003, S. Renaud

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
0555	Water Main, 8 inch, Cut and Plug	8230132		2,000 Ea	2,000	2,000	2,000	100%	327.00000	\$654.00
0535	Water, Sodding/Seeding	8160090		2,000 Unit	2,000	2,000	2,000	100%	75.00000	\$150.00
Subtotal for Category 0003:										49457.85

ubtotal for Project Easement WMs: 132964.30

Percentage of Contract Completed(curr): 100%  
(total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$157,308.38

Total Amount Earned To Date: \$831,478.26

 **AIA**® Document G707™ – 1994

**Consent Of Surety to Final Payment**

Bond No.: 5426614

PROJECT: *(Name and address)*  
Bournemouth Water Main  
Replacement

ARCHITECT'S PROJECT NUMBER:  
CONTRACT FOR: Construction

OWNER:   
ARCHITECT:   
CONTRACTOR:   
SURETY:   
OTHER:

TO OWNER: *(Name and address)*  
City of Grosse Pointe Woods  
20025 Mack Plaza  
Grosse Pointe Woods, MI 48236-2397

CONTRACT DATED: 3/16/2020

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the  
*(Insert name and address of Surety)*

**Old Republic Insurance Company**  
631 Excel Drive, Suite 200  
Mt. Pleasant, PA 15666

, SURETY.

on bond of  
*(Insert name and address of Contractor)*

**Fontana Construction, Inc.**  
6340 Sims Drive  
Sterling Heights, MI 48313

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the  
Surety of any of its obligations to  
*(Insert name and address of Owner)*

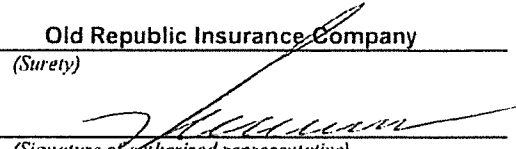
**City of Grosse Pointe Woods**  
20025 Mack Plaza  
Grosse Pointe Woods, MI 48236-2397

, OWNER.

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: **June 7, 2022**  
*(Insert in writing the month followed by the numeric date and year.)*

**Old Republic Insurance Company**  
*(Surety)*

  
*(Signature of authorized representative)*

**Nicholas Ashburn, Attorney-in-Fact**  
*(Printed name and title)*

Attest:  
(Seal):





# OLD REPUBLIC INSURANCE COMPANY

## POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania stock insurance corporation, does make, constitute and appoint:  
MICHAEL D LECHNER, ROBERT D HEUER, MARK T MADDEN, HOLLY NICHOLS, NICHOLAS ASHBURN, JASON ROGERS of ROCHESTER, MI

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds), as follows:

### ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC INSURANCE COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a meeting held on December 10, 2019. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC INSURANCE COMPANY on December 10, 2019.

RESOLVED FURTHER, that the chairman, president or any vice president of the Company's surety division, in conjunction with the secretary or any assistant secretary of the Company, be and hereby are authorized and directed to execute and deliver, to such persons as such officers of the Company may deem appropriate, Powers of Attorney in the form presented to and attached to the minutes of this meeting, authorizing such persons to execute and deliver and affix the seal of the Company to bonds, undertakings, recognizances, and suretyship obligations of all kinds, other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and not guaranty bonds. The said officers may revoke any Power of Attorney previously granted to any such person.

RESOLVED FURTHER that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by chairmen, president or any vice president of the Company's surety division and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by a duly authorized Attorney-in-Fact and sealed with the seal of the Company (if a seal be required).

RESOLVED FURTHER, that the signature of any officer designated above, and the seal of the Company, may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC INSURANCE COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 1st day of June, 2021.

*Karen J. Haffner*  
Assistant Secretary



OLD REPUBLIC INSURANCE COMPANY

*Alan Pavlic*  
Vice President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 1st day of June, 2021, personally came before me, Alan Pavlic and Karen J. Haffner, to me known to be the individuals and officers of the OLD REPUBLIC INSURANCE COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said organization.



*Kathryn R. Pearson*  
Notary Public

My Commission Expires: September 28, 2022

### CERTIFICATE

(Expiration of notary's commission does not invalidate this instrument)

I, the undersigned, assistant secretary of the OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.



46-5332

ORSC 11008 (6-93)

GUY HURLEY INS & SURETY SERV.

Signed and sealed at the City of Brookfield, WI this 7th day of June, 2022.

*Karen J. Haffner*  
Assistant Secretary



Credit Department  
4901 Clay Ave  
Grand Rapids MI 49548

Phone: 616-248-9183  
FAX: 616-452-0535

FULL UNCONDITIONAL LIEN WAIVER

Etna Supply Company has a contract with Fontana Construction to provide *pipe & fittings* for the improvements of the property described as:


JOB BOURNEMOUTH W/M REPLACE

has been fully paid and satisfied. By signing this waiver, all of Etna Supply Company's construction lien rights against the described property are waived and released.

If the owner or lessee of the property or the owner's or lessee's designee has received a notice of furnishing from Etna or if we are not required to provide one, and the owner, lessee, or designee has not received this waiver directly from Etna, the owner, lessee, or designee may not rely upon it without contacting us, either in writing, by telephone, or personally, to verify that it is authentic.

ETNA SUPPLY COMPANY

Date: 06.06.2022

By:   
Its Authorized Officer or Agent

DO NOT SIGN BLANK OR INCOMPLETE FORMS, RETAIN A COPY.

Grand Rapids, Wixom, Holland, Traverse City, Sault Ste Marie, Saginaw, Grand Ledge, Kalamazoo  
Muskegon, Mt Pleasant, Battle Creek, Chesterfield Twp, Jackson, Flint South Bend, IN Toledo, OH

**SWORN STATEMENT**

STATE OF Michigan  
 COUNTY OF Macomb

Yvonne Giannetti, being sworn, states the following:  
(type in name of person signing statement)

Fontana Construction, Inc is the contractor/subcontractor for an improvement to the following  
(Name of contractor)  
 real property in Macomb County, Michigan, described as follows:  
(Insert county where work is being completed)

Contract # 0160-0417 Bournemuth Water Main Replacement  
(Insert legal description from Notice of Commencement or name and address of the Project.)

That the following is a statement of each subcontractor and supplier and laborer for whom payment of wages or fringe benefits and withholdings is due but unpaid, with whom the contractor/subcontractor has contracted/subcontracted for performance under the contract with the owner or lessee of the property, and that the amounts due to the persons as of the date of this statement are correctly and fully set forth opposite their names as follows:

Name of subcontractor, supplier or laborer	Type of Improvement	Total contract price	Amount already paid	Amount currently owing	Balance to complete (optional)	Amount of laborer wages due but unpaid	Amount of laborer fringe benefits and withholdings due but unpaid
ALL LABOR PAID IN FULL							
ALL MATERIAL TAKEN FROM FULLY PAID STOCK							
There are no subcontractors and/or suppliers other than those listed above.							
All of our wages, benefits, fringes, taxes, and withholdings are paid in full as per the contract.							
<b>TOTALS</b>							

(Some columns are not applicable to all persons listed)

The contractor has not procured material from, or subcontracted with, any person other than those set forth, and owes no money for the improvement other than the sums set forth.

I make this statement as the contractor/subcontractor or as supplier/subcontractor of the contractor/subcontractor to represent to the owner or lessee of the property and his or her agents that the property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth in this statement and except for claims of construction liens by laborers that may be provided under section 109 of the construction lien act 1980, P.A. 497, MCL 570.1109.

**WARNING TO OWNER OR LESSEE:** AN OWNER OR LESSEE OF THE PROPERTY SHALL NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT 1980 P.A.497, MCL 570.1109, TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED.

IF THIS SWORN STATEMENT IS IN REGARD TO A RESIDENTIAL STRUCTURE, ON RECEIPT OF THE SWORN STATEMENT, THE OWNER OR LESSEE, OR THE OWNER'S OR LESSEE'S DESIGNEE, MUST GIVE NOTICE OF ITS RECEIPT, EITHER IN WRITING, BY TELEPHONE, OR PERSONALLY, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING UNDER SECTION 109 OR, IF A NOTICE OF FURNISHING IS EXCUSED UNDER SECTION 108 OR 108A, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER NAMED IN THE SWORN STATEMENT. IF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO IS ENTITLED TO NOTICE OF RECEIPT OF THE SWORN STATEMENT MAKES A REQUEST, THE OWNER, LESSEE, OR DESIGNEE SHALL PROVIDE THE REQUESTER A COPY OF THE SWORN STATEMENT WITHIN 10 BUSINESS DAYS AFTER RECEIVING THE REQUEST.

Yvonne Giannetti  
 Signature of Deponent

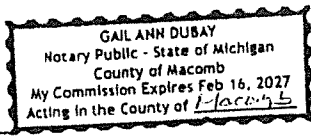
**WARNING TO DEPONENT:** A PERSON, WHO GIVES A FALSE SWORN STATEMENT WITH THE INTENT TO FRAUD IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1110.

Subscribed and sworn to before me on this  
7<sup>th</sup> day of June 2022

Gail Ann Dabay  
 Notary Public Signature

Gail Ann Dabay  
 Notary Public Name

Macomb County, State of Michigan  
 My commission expires 02/16/2027  
 Acting in the county of Macomb in the state of Michigan





**ANDERSON, ECKSTEIN & WESTRICK, INC.**  
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS  
51301 Schoenherr Road, Shelby Township, MI 48315  
586.726.1234 | www.aewinc.com

June 7, 2022

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

**RECEIVED**

**JUN 13 2022**

**CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT**

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. 6 for the above referenced project. For work performed through June 5, 2022 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$48,927.49** to Fontana Construction, Inc., 6340 Sims Drive, Sterling Heights, MI 48313

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

Sincerely,

Ross T. Wilberding, PE  
Project Manager

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

PO 21-46244  
#592-537-977.300  
OK - J.K.  
Sm 6/8/2022

TS 6-9-22





# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM

FieldManager 5.3c

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

Estimate No. 6	Estimate Date 6/5/2022	Entered By Michelle Ankawi	Estimate Type Semi-Monthly	Managing Office Anderson, Eckstein and Westrick, Inc.
All Contract Work Completed	Construction Started Date 7/6/2021	Prime Contractor Fontana Construction, Inc. 6340 Sims Drive Sterling Heights MI 48313		
Comments Current Contract Amount: \$1,625,631.70 % Completed: 70%				

## Item Usage Summary

Project: Hollywood, Marter to Goethe  
Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
Sidewalk, Rem	Syd	2040055	0290	0290	00	000	5.277	9.00	\$47.49
Subtotal for Category 0000:									\$47.49
Subtotal for Project Hollywood:									\$47.49

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	16.000	2,980.00	\$47,680.00
Subtotal for Category 0000:									\$47,680.00
Subtotal for Project MISC:									\$47,680.00

Project: Severn, Mack to Craig  
Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
Tree, Rem, 19 inch to 36 inch	Ea	2020002	0540	0540	00	000	1.000	1,200.00	\$1,200.00
Subtotal for Category 0000:									\$1,200.00
Subtotal for Project Severn:									\$1,200.00
Total Estimated Item Payment:									\$48,927.49

## 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

Contract ID: .0160-0426

Estimate: 6



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM

FieldManager 5.3c

## Pre-Voucher Summary

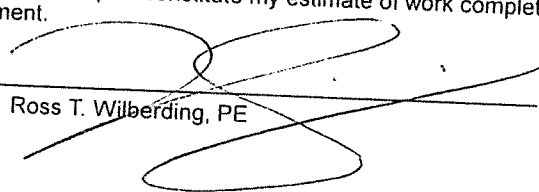
Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
Hollywood, Marter to Goethe	0005	\$47.49	\$0.00	\$47.49
MISC, Various Locations	0002	\$47,680.00	\$0.00	\$47,680.00
Severn, Mack to Craig	0005	\$1,200.00	\$0.00	\$1,200.00
<b>Voucher Total:</b>				<b>\$48,927.49</b>

## Summary

Current Voucher Total:	\$48,927.49	Earnings to date:	\$1,141,018.30
-Current Retainage:	\$0.00	- Retainage to date:	\$81,281.59
-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>\$48,927.49</b>	Net Earnings to date:	\$1,059,736.71
		- Payments to date:	\$1,010,809.22
		<b>Net Earnings this period:</b>	<b>\$48,927.49</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.

  
Ross T. Wijberding, PE

6/7/22  
(Date)



# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM  
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								
0010	Tree, Rem, 6 inch to 18 inch	2020004	0.200 LS		0.200	0.200	0.200	100%	25,000.00000	\$5,000.00
0015	Dr Structure, Rem	2030011	4.000 Ea		3.000	3.000	3.000	75%	500.00000	\$1,500.00
0020	Sewer, Rem, Less than 24 inch	2030015	20.000 Ft		2.000	2.000	2.000	100%	500.00000	\$1,000.00
0025	Pavt, Rem	2040050	930.000 Syd		61.000	61.000	61.000	305%	40.00000	\$2,440.00
0030	Sidewalk, Rem	2040055	11.000 Syd		931.200	931.200	931.200	100%	10.00000	\$9,312.00
0035	- Driveway, Rem	2047011	85.000 Syd		151.350	151.350	151.350	1376%	9.00000	\$1,362.15
0040	- Station Grading	2057002	3.000 Sia		133.160	133.160	133.160	157%	9.00000	\$1,198.44
0045	- Subgrade Undercutting, Modified	2057021	400.000 Cyd		3.000	3.000	3.000	100%	3,000.00000	\$9,000.00
0050	- Subgrade Undercutting, Special	2057021	250.000 Cyd		0.000	0.000	0.000		40.00000	
0055	Ero Con, Inlet Protection, Fabric Drop	2080020	2.000 Ea		0.000	0.000	0.000		30.00000	
0060	Aggregate Base, 8 inch	3020020	0.000		0.000	0.000	0.000		90.00000	
0065	Maintenance Gravel	3060020	1,040.000 Syd		1,039.680	1,039.680	1,039.680	99%	25.00000	\$25,992.00
0070	- Geogrid	3087011	300.000 Ton		0.000	0.000	0.000		20.00000	
0075	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,040.000 Syd		1,016.680	1,016.680	1,016.680	98%	5.00000	\$5,083.40
0080	- External Structure Wrap, 18 inch	4027050	20.000 Ft		38.900	38.900	38.900	195%	50.00000	\$1,945.00
0085	- Sanitary Lead Repair	4027050	4.000 Ea		0.000	0.000	0.000		600.00000	
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000 Ea		0.000	0.000	0.000		1,000.00000	
0095	Dr Structure, 24 inch dia	4030200	2.000 Ea		1.000	1.000	1.000	50%	400.00000	\$400.00
0100	Dr Structure, 48 inch dia	4030210	1.000 Ea		1.000	1.000	1.000	100%	2,000.00000	\$2,000.00
0105	Dr Structure, Tap, 12 inch	4030312	1.000 Ea		1.000	1.000	1.000	100%	4,000.00000	\$4,000.00
0110	- Catch Basin Cover, Restrictd, GPW	4037050	2.000 Ea		1.000	1.000	1.000	100%	500.00000	\$500.00
0115	- Combined Manhole Cover, GPW	4037050	2.000 Ea		2.000	2.000	2.000	100%	501.00000	\$1,002.00
0120	- Dr Structure Trap, 12 inch	4037050	2.000 Ea		1.000	1.000	1.000	50%	488.00000	\$488.00
0125	Underdrain, Subgrade, 4 inch	4040071	2.000 Ea		0.000	0.000	0.000		50.00000	
0130	Pop-Up Emitter, Storm Drain, Residential	4047050	660.000 Ft		637.000	637.000	637.000	97%	15.00000	\$9,555.00
0135	Conc Pavt w/ Int Curb, Nonreint, 7 inch	6020162	1.000 Ea		1.000	1.000	1.000	100%	50.00000	\$50.00
0140	Joint, Expansion, E2	6020207	930.000 Syd		937.800	937.800	937.800	101%	69.00000	\$64,708.20
			66.000 Ft		0.000	0.000	0.000		23.00000	

Contract: .0160-0426

Estimate: 6



# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 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%		\$5,977.80
0150	Joint, Expansion, Erg	6030021	22.000	Ft		34.200	34.200	155%		\$615.60
0155	Lane Tie, Epoxy Anchored	6030030	30.000	Ea		0.000				
0160	Driveway, Nonreinf Conc, 6 inch	8010005	85.000	Syd		128.530	128.530	151%		\$6,426.50
0165	Sidewalk, Conc, 4 inch	8030044	100.000	Sft		1,223.600	1,223.600	1224%		\$5,506.20
0170	Sidewalk, Conc, 6 inch	8030046	300.000	Sft		244.500	244.500	82%		\$1,161.38
0175	_ Traffic Control, Christine Ct	8127050	1.000	Ea		1.000	1.000	100%		\$5,000.00
0180	_ Proposed Trees	8157050	4.000	Ea		0.000				
0185	Sodding	8160055	340.000	Syd		362.560	362.560	107%		\$1,812.80
0190	Topsoil Surface, Furn, 3 inch	8160061	340.000	Syd		362.560	362.560	107%		\$1,450.24
0195	Water, Sodding/Seeding	8160090	18.000	Unit		0.000				
0200	Hydrant, Rem	8230091	1.000	Ea		1.000	1.000	100%		\$475.00
0205	_ Irrigation Pipe, Furn and Install	8237001	240.000	Ft		0.000				
0210	_ Water Main, PVC, SDR 14, 8 inch, Tr Det G	8237001	270.000	Ft		0.000				
0215	_ Fire Hydrant Assembly	8237050	1.000	Ea		1.000	1.000	100%		\$5,100.00
0220	_ Sprinkler Head	8237050	15.000	Ea		0.000				
0225	_ Sprinkler Head, Adj	8237050	15.000	Ea		0.000				
0230	_ Water Main Connection, 6 inch	8237050	1.000	Ea		1.000	1.000	100%		\$2,100.00
0235	_ Water Serv, Extend, Modified	8237050	5.000	Ea		0.000				
0240	_ Water Serv, Modified	8237050	5.000	Ea		6.000	6.000	120%		\$3,480.00
0245	_ Water Serv, Special	8237050	1.000	Ea		0.000				
0250	_ Water Main, Abandon	8237051	1.000	LS		0.000				
0255	_ Rubbish Pickup	8507051	0.200	LS		0.200	0.200	100%		\$100.00
									Subtotal for Category 0000:	185741.71
									Subtotal for Project Christine Ct.:	185741.71

Contract: 0160-0426

Estimate: 6



# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM  
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	1027051		0.500 LS		0.500				
0265	Influence Area Mobilization, Max 3%							100%	5,000.000000	\$2,500.00
0270	Tree, Rem, 19 inch to 36 inch	1500001		0.300 LS		0.300		100%		
0275	Tree, Rem, 37 inch or Larger	2020002		10.000 Ea		11.000		110%	25,000.000000	\$7,500.00
0280	Tree, Rem, 6 inch to 18 inch	2020003		2.000 Ea		2.000		100%	1,200.000000	\$13,200.00
0285	Curb and Gutter, Rem	2020004		20.000 Ea		14.000		70%	2,000.000000	\$4,000.00
0290	Sidewalk, Rem	2040020		40.000 Ft		0.000			500.000000	\$7,000.00
0295	Exploratory Investigation, Vertical	2040055		100.000 Syd	5.277	163.477		163%	20.000000	
0300	- Driveway, Rem	2040080		300.000 Ft		0.000			9.000000	\$1,471.29
0305	Ero Con, Inlet Protection, Fabric Drop	2047011		500.000 Syd		115.870		23%	125.000000	
0310	Aggregate Base, 6 inch	2080020		6.000 Ea		0.000			9.000000	\$1,042.83
0315	Maintenance Gravel	3020016		600.000 Syd		0.000			90.000000	
0320	- Sanitary Lead Repair	3060020		300.000 Ton		75.640		25%	9.000000	
0325	Lane Tie, Epoxy Anchored	4027050		20.000 Ea		5.000		25%	20.000000	\$1,512.80
0330	Pavt Repr, Nonreinf Conc, 7 inch	6030030		250.000 Ea		0.000			1,000.000000	\$5,000.00
0335	Pavt Repr, Rem	6030042		600.000 Syd		0.000			5.000000	
0340	Driveway, Nonreinf Conc, 6 inch	6030080		600.000 Syd		0.000			55.000000	
0345	Detectable Warning Surface	8010005		500.000 Syd		0.000			10.000000	
0350	Curb Ramp Opening, Conc	8030010		14.000 Ft		118.310		24%	50.000000	\$5,915.50
0355	Sidewalk Ramp, Conc, 4 inch	8030030		16.000 Ft		0.000			40.000000	
0360	Sidewalk Ramp, Conc, 6 inch	8030034		100.000 Sft		0.000			25.000000	
0365	Sidewalk, Conc, 4 inch	8030036		125.000 Sft		0.000			5.000000	
0370	Sidewalk, Conc, 6 inch	8030044		900.000 Sft		0.000			6.000000	
0375	- Traffic Control, Hollywood	8030046		200.000 Sft		1,495.500		166%	4.500000	\$6,729.75
0380	- Proposed Trees	8127050		1.000 Ea		69.500		35%	4.750000	\$330.13
0385	Sodding	8157050		30.000 Ea		1.000		100%	3,000.000000	\$3,000.00
0390	Topsoil Surface, Furn, 3 inch	8160055		2,500.000 Syd		40.000		133%	500.000000	\$20,000.00
0395	Water, Sodding/Seeding	8160061		2,500.000 Syd		1,297.640		52%	5.000000	\$6,488.20
0400	Gate Valve, 8 inch	8160090		100.000 Unit		1,297.640		52%	4.000000	\$5,190.56
		8230062		2.000 Ea		0.000		150%	75.000000	
<b>Contract: .0160-0426</b>										<b>\$6,000.00</b>
<b>Estimate: 6</b>										



# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM  
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	100%	475.00000	\$950.00
0410	Hydrant, Rem	8230091		5.000 Ea		5.000	5.000	100%	475.00000	\$2,375.00
0415	Water Main, 8 inch, Cut and Plug	8230132		2.000 Ea		0.000				
0420	Water Serv	8230240		5.000 Ea		4.000	4.000	80%	800.00000	\$3,200.00
0425	Water Serv, Long	8230245		5.000 Ea		0.000				
0430	Gate Well, 60 inch dia	8230360		2.000 Ea		3.000	3.000	150%	1,500.00000	\$8,700.00
0435	Irrigation Pipe, Furn and Install	8237001		1,000.000 Ft		31.000	31.000	3%	2,900.00000	\$8,700.00
0440	Water Main, HDPE, DR11, 8 inch, Pipe Bur st	8237001		1,852.000 Ft		2,130.600	2,130.600	115%	95.00000	\$202,407.00
0445	Fire Hydrant Assembly	8237050		5.000 Ea		5.000	5.000	100%	5,100.00000	\$25,500.00
0450	Gate Well Cover, GPW	8237050		2.000 Ea		3.000	3.000	150%	488.00000	\$1,464.00
0455	Sprinkler Head	8237050		100.000 Ea		0.000				
0460	Sprinkler Head, Adj	8237050		100.000 Ea		4.000	4.000	4%	0.01000	\$0.04
0465	Water Main Connection, 8 inch	8237050		2.000 Ea		2.000	2.000	100%	2,100.00000	\$4,200.00
0470	Water Serv, Modified	8237050		82.000 Ea		88.000	88.000	107%	580.00000	\$51,040.00
0475	Water Serv, Special	8237050		10.000 Ea		0.000				
0480	Temporary Water Service	8237051		0.400 LS		0.400	0.400	100%	25,000.00000	\$10,000.00
0485	Rubbish Pickup	8507051		0.300 LS		0.300	0.300	100%	500.00000	\$150.00
<b>Subtotal for Category 0000:</b>									<b>406867.41</b>	

**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		0.000			3,000.00000	
0495	Gate Valve, 8 inch	8230062		2.000 Ea		0.000			2,000.00000	
<b>Subtotal for Project Hollywood:</b>									<b>406867.41</b>	

**Contract: .0160-0426**

Estimate: 6



# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 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
0500	Water Serv	8230240		10.000 Ea		0.000			800.00000	
0505	Water Serv, Long	8230245		15.000 Ea		0.000			1,500.00000	
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	16.000	16.000	16.000	64%	2,980.00000	\$47,680.00
<b>Subtotal for Category 0000:</b>										<b>47830.00</b>

**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 Mobilization, Max 3%	1027051		0.500 LS		0.500	0.500	100%	5,000.00000	\$2,500.00
0540	Tree, Rem, 19 inch to 36 inch	1500001		0.500 LS		0.500	0.500	100%	25,000.00000	\$12,500.00
0545	Tree, Rem, 37 inch or Larger	2020002		10.000 Ea	1.000	5.000	5.000	50%	1,200.00000	\$6,000.00
0550	Tree, Rem, 6 inch to 18 inch	2020003		2.000 Ea		1.000	1.000	50%	2,000.00000	\$2,000.00
0555	Curb and Gutter, Rem	2020004		20.000 Ea		13.000	13.000	65%	500.00000	\$6,500.00
0560	Sidewalk, Rem	2040020		40.000 Ft		0.000			20.00000	
0565	- Driveway, Rem	2040055		100.000 Syd		52.020	52.020	52%	9.00000	\$468.18
0570	Ero Con, Inlet Protection, Fabric Drop	2047011		500.000 Syd		60.560	60.560	12%	9.00000	\$545.04
0575	Aggregate Base, 6 inch	2080020		5.000 Ea		0.000			90.00000	
0580	Maintenance Gravel	3020016		600.000 Syd		25.500	25.500	4%	9.00000	\$229.50
0585	- Sanitary Lead Repair	3060020		300.000 Ton		0.000			20.00000	
0590	Lane Tie, Epoxy Anchored	4027050		2.000 Ea		0.000			1,000.00000	
		6030030		250.000 Ea		21.000	21.000	8%	5.00000	\$105.00
<b>Subtotal for Project MISC:</b>										<b>47830.00</b>

**Contract:** .0160-0426

Estimate: 6



# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM  
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
0595	Pavt Repr. Nonreinf Conc, 7 inch	6030042	600,000	Syd						
0600	Pavt Repr. Rem	6030080	600,000	Syd		25,500	25,500	4%		\$1,402.50
0605	Driveway, Nonreinf Conc, 6 inch	8010005	500,000	Syd		25,500	25,500	4%		\$255.00
0610	Detectable Warning Surface	8030010	35,000	Ft		60,560	60,560	12%		\$3,028.00
0615	Curb Ramp Opening, Conc	8030030	32,000	Ft		0,000	0,000			
0620	Sidewalk Ramp, Conc, 4 inch	8030034	100,000	Sft		0,000	0,000			
0625	Sidewalk Ramp, Conc, 6 inch	8030036	100,000	Sft		0,000	0,000			
0630	Sidewalk, Conc, 4 inch	8030044	900,000	Sft		0,000	0,000			
0635	Sidewalk, Conc, 6 inch	8030046	200,000	Sft		0,000	0,000			
0640	- Traffic Control, Severn & Craig	8127050	1,000	Ea		1,000	1,000	100%		\$3,000.00
0645	- Proposed Trees	8157050	30,000	Ea		0,000	0,000			
0650	Sodding	8160055	2,750,000	Syd		1,188,660	1,188,660	43%		\$5,943.30
0655	Topsoil Surface, Furn, 3 inch	8160061	2,750,000	Syd		1,188,660	1,188,660	43%		\$4,754.64
0660	Water, Sodding/Seeding	8160090	105,000	Unit		0,000	0,000			
0665	Gate Valve, 8 inch	8230062	7,000	Ea		4,000	4,000	57%		\$8,000.00
0670	Gate Well, Rem	8230076	7,000	Ea		5,000	5,000	71%		\$2,375.00
0675	Hydrant, Rem	8230091	4,000	Ea		5,000	5,000	125%		\$2,375.00
0680	Water Main, 8 inch, Cut and Plug	8230132	1,000	Ea		0,000	0,000			
0685	Water Serv	8230240	7,000	Ea		6,000	6,000	86%		\$4,800.00
0690	Water Serv, Long	8230245	8,000	Ea		1,000	1,000	13%		\$1,500.00
0695	Gate Well, 60 inch dia	8230360	7,000	Ea		4,000	4,000	57%		\$11,600.00
0700	- Irrigation Pipe, Furn and Install	8237001	1,500,000	Ft		94,290	94,290	6%		\$0.94
0705	- Water Main, HDPE, DR11, 8 inch, Pipe Bur st	8237001	3,350,000	Ft		3,321,000	3,321,000	99%		\$315,495.00
0710	- Fire Hydrant Assembly	8237050	4,000	Ea		5,000	5,000	125%		\$25,500.00
0715	- Gate Well Cover, GPW	8237050	7,000	Ea		4,000	4,000	57%		\$1,952.00
0720	- Sprinkler Head	8237050	100,000	Ea		4,000	4,000	4%		\$0.04
0725	- Sprinkler Head, Adj	8237050	100,000	Ea		4,000	4,000	4%		\$0.04
0730	- Water Main Connection, 8 inch	8237050	4,000	Ea		4,000	4,000	100%		\$8,400.00
0735	- Water Serv, Modified	8237050	86,000	Ea		83,000	83,000	97%		\$48,140.00

**Contract: 0160-0426**

Estimate: 6





# Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:09 AM  
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
0740	- Water Serv, Special	8237050		15.000 Ea		2.000	2.000	13%		
0745	- Temporary Water Service	8237051		0.600 LS		0.600	0.600	100%	2,980.00000	\$5,960.00
0750	- Rubbish Pickup	8507051		0.500 LS		0.500	0.500	100%	25,000.00000	\$15,000.00
									500.00000	\$250.00
									<b>Subtotal for Category 0000:</b>	<b>500579.18</b>

Percentage of Contract Completed(curr): 70%  
(total earned to date / total of all authorized work)

Subtotal for Project Severn: 500579.18

Total Amount Earned This Estimate: \$48,927.49

Total Amount Earned To Date: \$1,141,018.30

Contract: .0160-0426

Estimate: 6



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

51301 Schoenherr Road, Shelby Township, MI 48315  
536.726.1234 | www.aewinc.com

June 7, 2022

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

**RECEIVED**

**JUN 13 2022**

**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. 2 for the above referenced project. For work performed through June 5, 2022 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$101,226.11** to Florence Cement Company, 51515 Corridor, Shelby Twp., MI 48315

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

Sincerely,

Ross T. Wilberding  
Project Manager

PO 22-46943  
#202-451-974.200 \$3,036.78  
#202-451-975.300 \$2,024.53  
#203-451-974.200 \$3,036.78  
#203-451-975.300 \$3,036.78  
#203-451-977.804 \$64,784.71  
#592-537-975.400 \$25,306.53

ok - J.K.

sm 6/8/2022

FJ - 6-9-22

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



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/7/2022 10:53 AM

FieldManager 5.3c

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

<b>Estimate No.</b> 2	<b>Estimate Date</b> 6/5/2022	<b>Entered By</b> Michelle Ankawi	<b>Estimate Type</b> Semi-Monthly	<b>Managing Office</b> Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>	<b>Construction Started Date</b>	<b>Prime Contractor</b> Florence Cement Company 51515 Corridor Shelby Township MI 48315		
<b>Comments</b> Current Contract Amount: \$979,779.79 % Completed: 44%				

## 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
_ Sidewalk Ramp, Conc, 8 inch	Sft	8037010	0225	0225	00	000	68.000	8.50	\$578.00
Curb and Gutter, Conc, Det F2	Ft	8020036	0195	0195	00	000	1,815.400	20.50	\$37,215.70
Driveway Opening, Conc, Det M	Ft	8020050	0200	0200	00	000	46.400	25.50	\$1,183.20
Driveway, Nonreinf Conc, 6 inch	Syd	8010005	0185	0185	00	000	334.700	50.50	\$16,902.35
Sidewalk, Conc, 4 inch	Sft	8030044	0215	0215	00	000	346.900	6.00	\$2,081.40
Sidewalk, Rem	Syd	2040055	0045	0045	00	000	126.010	8.10	\$1,020.68
<b>Subtotal for Category 0001:</b>									<b>\$58,981.33</b>

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	141.160	124.00	\$17,503.84
_ HMA Surface, Rem, Modified	Syd	5017011	0300	0300	00	000	599.430	43.00	\$25,775.49
_ Pavt Joint and Crack Repr, Det 7, Specia l	Ft	5017001	0295	0295	00	000	982.000	10.40	\$10,212.80
<b>Subtotal for Category 0002:</b>									<b>\$53,492.13</b>
<b>Subtotal for Project Allard Recons:</b>									<b>\$112,473.46</b>
<b>Total Estimated Item Payment:</b>									<b>\$112,473.46</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>



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/7/2022 10:53 AM

FieldManager 5.3c

## Pre-Voucher Summary

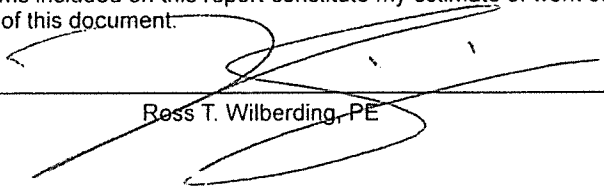
Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
Allard Recons, Harper to Chester	0002	\$112,473.46	\$0.00	\$112,473.46
			<b>Voucher Total:</b>	<b>\$112,473.46</b>

## Summary

Current Voucher Total:	\$112,473.46	Earnings to date:	\$434,682.32
-Current Retainage:	\$11,247.35	- Retainage to date:	\$43,468.24
-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>\$101,226.11</b>	<b>Net Earnings to date:</b>	<b>\$391,214.08</b>
		- Payments to date:	\$289,987.97
		<b>Net Earnings this period:</b>	<b>\$101,226.11</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.

  
 \_\_\_\_\_  
 Ross T. Wilberding, PE

6/7/22  
(Date)



# Construction Pay Estimate Amount Balance Report

Estimate: 2

6/7/2022 10:53 AM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

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

Project: Allard Recons, Harper to Chester

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
0315	- Pollution Liability Insurance Policy	1027051	0.000	LS	0.000	0.000			11,640.00000	
Subtotal for Category 0000:										0

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
0280	- Audio Visual Record of Construction Area	8507051	1.000	LS	1.000	1.000		100%	840.00000	\$840.00
0130	- Catch Basin Cover, Restricted, GPW	4037050	14.000	Ea	7.000	7.000		50%	253.00000	\$1,771.00
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	9.000	9.000		43%	436.50000	\$3,928.50
0265	- Irrigation Pipe	8237001	1,600.000	Ft	0.000	0.000			3.00000	
0155	- Pop-Up Emitter, Storm Drain, Residential	4047050	2.000	Ea	0.000	0.000			584.00000	
0235	- Proposed Trees	8157050	20.000	Ea	0.000	0.000			650.00000	
0005	- Reimbursed Permit Fees	1027060	1,000.000	Dir	720.000	720.000		72%	1.00000	\$720.00
0285	- Rubbish Pickup	8507051	1.000	LS	0.000	0.000			5,300.00000	
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
0095	- Sewer, Sch 40 PVC, 10 inch, Tr Det B	4027001	6.000	Ft	13.000	13.000		217%	190.00000	\$2,470.00
0225	- Sidewalk Ramp, Conc. 8 inch	8037010	1,225.000	Sft	68.000	68.000		6%	8.50000	\$578.00
0270	- Sprinkler Head	8237050	160.000	Ea	0.000	0.000			60.00000	
0275	- Sprinkler Head, Adj	8237050	20.000	Ea	0.000	0.000			60.00000	
0255	- Staking First Row of Sod	8167001	3,500.000	Ft	0.000	0.000			0.43000	
0050	- Station Grading	2057002	19.000	Sta	9.000	9.000		47%	3,382.00000	\$30,438.00
0145	- Storm Manhole Cover, GPW	4037050	5.000	Ea	2.000	2.000		40%	348.00000	\$696.00
0055	- Subgrade Undercutting, Modified	2057021	250.000	Cyd	0.000	0.000			60.00000	
0060	- Subgrade Undercutting, Special	2057021	150.000	Cyd	0.000	0.000			52.10000	
0230	- Traffic Control, Minor Street	8127051	1.000	LS	0.500	0.500		50%	34,690.00000	\$17,345.00

Contract: 0160-0433

Estimate: 2



# Construction Pay Estimate Amount Balance Report

Estimate: 2

6/7/2022 10:53 AM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

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
0075	Aggregate Base, 11 inch	3020028	5,900,000	Syd		2,716,500	2,716,500	46%	15.50000	\$42,105.75
0070	Aggregate Base, 6 inch	3020016	110,000	Syd		0.000			15.40000	
0175	Conc Pavt w/ Int Curb, Nonreinf, 8 inch	6020164	100,000	Syd		0.000			65.00000	
0195	Curb and Gutter, Conc, Det F2	8020036	3,800,000	Ft	1,815,400	1,815,400	1,815,400	48%	20.50000	\$37,215.70
0205	Detectable Warning Surface	8030010	100,000	Ft		0.000			40.00000	
0110	Dr Structure Cover, Adj, Case 1	4030005	2,000	Ea		0.000			515.00000	
0115	Dr Structure Cover, Adj, Case 2	4030006	2,000	Ea		0.000			254.00000	
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
0030	Dr Structure, Rem	2030011	17,000	Ea		18,000	18,000	106%	345.25000	\$6,214.50
0200	Driveway Opening, Conc, Det M	8020050	100,000	Ft	46,400	46,400	46,400	46%	25.50000	\$1,183.20
0185	Driveway, Nonreinf Conc, 6 inch	8010005	825,000	Syd	334,700	334,700	334,700	41%	50.50000	\$16,902.35
0190	Driveway, Nonreinf Conc, 8 inch	8010007	75,000	Syd		0.000			60.00000	
0065	Ero Con, Inlet Protection, Fabric Drop	2080020	17,000	Ea		0.000			103.00000	
0160	HMA Surface, Rem	5010005	4,850,000	Syd		2,414,670	2,414,670	50%	1.65000	\$3,984.21
0165	HMA, 4E1	5010050	860,000	Ton		0.000			105.00000	
0170	HMA, 5E1	5010056	570,000	Ton		0.000			115.00000	
0180	Lane Tie, Epoxy Anchored	6030030	50,000	Ea		0.000			10.00000	
0080	Maintenance Gravel	3060020	500,000	Ton		0.000			19.00000	
0010	Mobilization, Max 3%	1500001	1,000	LS		1,000	1,000	100%	28,537.28000	\$28,537.28
0040	Pavt, Rem	2040050	6,250,000	Syd		2,829,830	2,829,830	45%	5.35000	\$15,139.59
0085	Sewer, CIV, 12 inch, Tr Det B	4020987	325,000	Ft		316,000	316,000	97%	123.00000	\$38,868.00
0090	Sewer, CIV, 15 inch, Tr Det B	4020988	8,000	Ft		8,000	8,000	100%	161.00000	\$1,288.00
0035	Sewer, Rem, Less than 24 inch	2030015	325,000	Ft		318,000	318,000	98%	23.15000	\$7,361.70
0210	Sidewalk Ramp, Conc, 4 inch	8030034	1,000,000	Sft		0.000			7.50000	
0215	Sidewalk, Conc, 4 inch	8030044	120,000	Sft	346,900	346,900	346,900	289%	6.00000	\$2,081.40
0220	Sidewalk, Conc, 6 inch	8030046	50,000	Sft		0.000			7.00000	
0045	Sidewalk, Rem	2040055	250,000	Syd	126,010	126,010	126,010	50%	8.10000	\$1,020.68
0240	Sodding	8160055	3,250,000	Syd		0.000			3.36000	

Contract: 0160-0433

Estimate: 2



# Construction Pay Estimate Amount Balance Report

Estimate: 2

6/7/2022 10:53 AM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

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
0245	Topsil Surface, Furn, 3 inch	8160061	3,250.000	Syd	0.000	0.000	3.16000			
0015	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea	7.000	7.000	7.000	100%	2,000.00000	\$14,000.00
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea	0.000	0.000	3,500.00000			
0025	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea	9.000	9.000	225.00000	100%		\$2,025.00
0150	Underdrain, Subgrade, 4 inch	4040071	3,650.000	Ft	1,824.000	1,824.000	11.00000	50%		\$20,064.00
0260	Water Shutoff, Adj, Case 1	8230421	1.000	Ea	0.000	0.000	951.01000			
0250	Water, Sodding/Seeding	8160090	100.000	Unit	0.000	0.000	55.00000			

Subtotal for Category 0001: 338021.86

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
0310	_ Curb and Gutter, Conc, Det F2, Modified	8027001	100.000	Ft	0.000	0.000	30.00000			
0290	_ Curb and Gutter, Rem, Modified	2047001	100.000	Ft	0.000	0.000	46.00000			
0305	_ Hand Patching, Modified	5017031	335.000	Ton	141.160	241.500	241.500	72%	124.00000	\$29,946.00
0300	_ HMA Surface, Rem, Modified	5017011	1,000.000	Syd	599.430	987.940	987.940	99%	43.00000	\$42,481.42
0295	_ Pavt Joint and Crack Repr, Det 7, Specia l	5017001	4,000.000	Ft	982.000	2,330.100	2,330.100	58%	10.40000	\$24,233.04

Subtotal for Category 0002: 96660.46

Subtotal for Project Allard Recons: 434582.32

Percentage of Contract Completed(curr): 44%  
(total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$112,473.46  
Total Amount Earned To Date: \$434,682.32

Contract: .0160-0433

Estimate: 2



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

51301 Schoenherr Road, Shelby Township, MI 48315  
586.726.1234 | www.aewinc.com

June 7, 2022

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

**RECEIVED**

**JUN 13 2022**

**CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT**

Reference: 2021 Concrete Pavement Repair Program  
City of Grosse Pointe Woods  
AEW Project No. 0160-0435

Dear Ms. Murphy:

Enclosed please find Construction Pay Estimate No. 5 for the above referenced project. For work performed through June 5, 2022, we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$46,251.62** to L. Anthony Construction Inc., 11085 Lisa Ln., Shelby Twp., MI, 48316

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

Sincerely,

Frank D. Varicalli  
Infrastructure Rehab Group Lead

PO 21-46681  
#202-451-974.200 \$10,637.87  
#203-451-974.200 \$6,937.75  
#585-561-977.000 \$18,038.13  
#592-537-975.400 \$10,637.87

OK - J.K.

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

SM 6/8/2022

FS 6-9-22





# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:16 AM

FieldManager 5.3c

**Contract: .0160-0435, 2021 Concrete Pavement Repair Program**

<b>Estimate No.</b> 5	<b>Estimate Date</b> 6/5/2022	<b>Entered By</b> Michelle Ankawi	<b>Estimate Type</b> Semi-Monthly	<b>Managing Office</b> Anderson, Eckstein and Westrick, Inc.
<b>All Contract Work Completed</b>		<b>Construction Started Date</b> 7/28/2021	<b>Prime Contractor</b> L Anthony Construction 11085 Lisa Lane Shelby Township MI 48316	
<b>Comments</b> Current Contract Amount: \$541,000.00 % Completed: 91%				

## Item Usage Summary

Project: 0160-0435, 2021 Concrete Pavement Repair Program

Category: 0000,

Item Description	Unit	Item Code	Prop. Ln.	Project Line No.	Item Type	Mod. No.	Quantity	Item Price	Dollar Amount
_ External Structure Wrap, 12 inch	Ea	4027050	0060	0060	00	000	1.000	350.00	\$350.00
_ Full Depth Sawcutting through Existing P avement, Sidewalk, Driveway or Curb	Ft	3047001	0035	0035	00	000	763.400	1.30	\$992.42
_ Joint, Expansion, Erg, Modified	Ft	6027001	0125	0125	00	000	32.100	20.00	\$642.00
_ Pavt Repr, Rem, Modified	Syd	6037011	0150	0150	00	000	616.500	10.00	\$6,165.00
_ Sidewalk Ramp, Conc, 8 inch	Syd	8017011	0165	0165	00	000	79.400	8.00	\$635.20
Curb and Gutter, Conc, Det F4	Ft	8020038	0170	0170	00	000	12.000	22.00	\$264.00
Curb and Gutter, Rem	Ft	2040020	0015	0015	00	000	12.000	8.00	\$96.00
Detectable Warning Surface	Ft	8030010	0175	0175	00	000	10.000	30.00	\$300.00
Dr Structure Cover, Adj, Case 1, Modifie	Ea	4030004	0070	0070	00	000	2.000	200.00	\$400.00
Joint, Expansion, E2	Ft	6020207	0120	0120	00	000	37.100	15.00	\$556.50
Lane Tie, Epoxy Anchored	Ea	6030030	0135	0135	00	000	179.000	5.00	\$895.00
Pavt Repr, Nonreinf Conc, 8 inch	Syd	6030044	0140	0140	00	000	616.500	56.00	\$34,524.00
Sidewalk, Conc, 4 inch	Sft	8030044	0180	0180	00	000	64.000	5.50	\$352.00
Sidewalk, Rem	Syd	2040055	0020	0020	00	000	15.900	5.00	\$79.50
<b>Subtotal for Category 0000:</b>									<b>\$46,251.62</b>
<b>Subtotal for Project 0160-0435:</b>									<b>\$46,251.62</b>
<b>Total Estimated Item Payment:</b>									<b>\$46,251.62</b>



# Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

6/7/2022 11:16 AM

FieldManager 5.3c

## 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

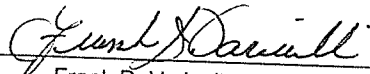
Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
0160-0435, 2021 Concrete Pavement Repair Program	0005	\$46,251.62	\$0.00	\$46,251.62
Voucher Total:				\$46,251.62

## Summary

Current Voucher Total:	\$46,251.62	Earnings to date:	\$491,300.87
-Current Retainage:	\$0.00	- Retainage to date:	\$10,000.00
-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>\$46,251.62</b>	Net Earnings to date:	\$481,300.87
		- Payments to date:	\$435,049.25
		<b>Net Earnings this period:</b>	<b>\$46,251.62</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 D. Varicalli    AEW, Inc.

6.7.22  
 (Date)



# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/7/2022 11:16 AM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

**Contract: 0160-0435, 2021 Concrete Pavement Repair Program**  
**Project: 0160-0435, 2021 Concrete Pavement Repair Program**

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	Dr Structure, Rem	2030011	10.000	Ea		0.000			300.00000	
0010	Sewer, Rem, Less than 24 inch	2030015	400.000	Ft		0.000			10.00000	
0015	Curb and Gutter, Rem	2040020	50.000	Ft	12.000	12.000	12.000	24%	8.00000	\$96.00
0020	Sidewalk, Rem	2040055	670.000	Syd	15.900	298.400	298.400	45%	5.00000	\$1,492.00
0025	Driveway, Conc, Rem	2047011	250.000	Syd		10.900	10.900	4%	7.00000	\$76.30
0030	Subgrade Undercutting, Modified	2057021	50.000	Cyd		0.000			20.00000	
0035	Full Depth Sawcutting through Existing Pavement, Sidewalk, Driveway or Curb	3047001	3,400.000	Ft	763.400	9,677.900	9,677.900	285%	1.30000	\$12,581.27
0040	Maintenance Gravel, LM	3060021	200.000	Cyd		0.000			1.00000	
0045	Sewer, PVC Truss, 10 inch, Tr Det B	4027001	150.000	Ft		0.000			50.00000	
0050	Sewer, PVC Truss, 12 inch, Tr Det B	4027001	250.000	Ft		0.000			50.00000	
0055	Dr Structure, Tap, 4 inch - 12 inch	4027050	4.000	Ea		0.000			500.00000	
0060	External Structure Wrap, 12 inch	4027050	9.000	Ea	1.000	1.000	1.000	11%	350.00000	\$350.00
0065	External Structure Wrap, 18 inch	4027050	20.000	Ea		0.000			425.00000	
0070	Dr Structure Cover, Adj, Case 1, Modfile	4030004	10.000	Ea	2.000	34.000	34.000	340%	200.00000	\$6,800.00
0075	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea		0.000			200.00000	
0080	Dr Structure, 24 inch dia	4030200	6.000	Ea		0.000			1,750.00000	
0085	Dr Structure, Adj, Add Depth	4030280	26.000	Ft		18.000	18.000	69%	150.00000	\$2,700.00
0090	Catch Basin Trap	4037050	20.000	Ea		0.000			500.00000	
0095	Dr Structure Frame and Cover, Storm Catch n Basin	4037050	20.000	Ea		6.000	6.000	30%	500.00000	\$3,000.00
0100	Dr Structure Frame and Cover, Storm Manhole	4037050	2.000	Ea		2.000	2.000	100%	500.00000	\$1,000.00
0105	Dr Structure, 36 inch dia	4037050	4.000	Ea		0.000			2,500.00000	
0110	Underdrain, Subgrade, 4 inch	4040071	800.000	Ft		0.000			13.00000	
0115	HMA, 13A	5010033	20.000	Ton		0.000			200.00000	
0120	Joint, Expansion, E2	6020207	50.000	Ft	37.100	51.800	51.800	104%	15.00000	\$777.00
0125	Joint, Expansion, Erg, Modified	6027001	150.000	Ft	32.100	198.900	198.900	133%	20.00000	\$3,978.00
0130	Cement	6030005	5.000	Ton		0.000			100.00000	
0135	Lane Tie, Epoxy Anchored	6030030	3,436.000	Ea	179.000	2,946.000	2,946.000	86%	5.00000	\$14,730.00

Contract: 0160-0435

Estimate: 5



# Construction Pay Estimate Amount Balance Report

Estimate: 5

6/7/2022 11:16 AM  
FieldManager 5.3c

Anderson, Eckstein and Westrick, Inc.

**Project: 0160-0435, 2021 Concrete Pavement Repair Program**

**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
0140	Pavt Repr, Nonreinf Conc, 8 inch	6030044	4,000,000	Syd	616,500	4,470,300	4,470,300	112%	56.00000	\$250,336.80
0145	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,100,000	Syd		1,729,900	1,729,900	157%	60.00000	\$103,794.00
0150	_ Pavt Repr, Rem, Modified	6037011	5,100,000	Syd	616,500	6,200,200	6,200,200	122%	10.00000	\$62,002.00
0155	_ Curb Casting	7177050	1,000	Ea		0,000			700.00000	
0160	Driveway, Nonreinf Conc, 6 inch	8010005	250,000	Syd		10,900	10,900	4%	54.00000	\$588.60
0165	_ Sidewalk Ramp, Conc, 8 inch	8017011	1,000,000	Syd	79,400	203,900	203,900	20%	8.00000	\$1,631.20
0170	Curb and Gutter, Conc, Det F4	8020038	50,000	Ft	12,000	12,000	12,000	24%	22.00000	\$264.00
0175	Detectable Warning Surface	8030010	50,000	Ft	10,000	30,000	30,000	60%	30.00000	\$900.00
0180	Sidewalk, Conc, 4 inch	8030044	4,000,000	Sft	64,000	2,344,000	2,344,000	59%	5.50000	\$12,892.00
0185	Sidewalk, Conc, 6 inch	8030046	1,000,000	Sft		109,200	109,200	11%	6.00000	\$655.20
0190	_ Traffic Maintenance and Control	8127051	1,000	LS		1,000	1,000	100%	10,000.00000	\$10,000.00
0195	_ Surface Restoration, Seeding	8167011	400,000	Syd		131,300	131,300	33%	5.00000	\$656.50

Subtotal for Category 0000: 491300.87  
Subtotal for Project 0160-0435: 491300.87

Percentage of Contract Completed(curr): 91%  
Total Amount Earned This Estimate: \$46,251.62  
Total Amount Earned To Date: \$491,300.87

(total earned to date / total of all authorized work)



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

**INVOICE**

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

May 18, 2022  
 Project No: 0160-0417-0  
 Invoice No: 0137191

Project 0160-0417-0 BOURNEMOUTH WM REPLACEMENT  
 FOR: CONTRACT ADMINISTRATION  
 PURCHASE ORDER #19-45552 - \$197,500.00  
Professional Services from April 11, 2022 to May 8, 2022

**RECEIVED**  
 JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
PRINCIPAL ENGINEER	1.80	108.20	194.76
Totals	1.80		194.76
<b>Total Labor</b>			<b>194.76</b>

Billing Limits	Current	Prior	To-Date
Total Billings	194.76	133,782.27	133,977.03
Limit			197,500.00
Remaining			63,522.97
	<b>Total this Invoice</b>		<b>\$194.76</b>

PO 19-45552  
 # 592-537-977.310  
 OK - J.K.  
 SM 6/18/2022  
 FS 6-9-22



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

**INVOICE**

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

May 18, 2022  
 Project No: 0160-0433-0  
 Invoice No: 0137192

**RECEIVED**

JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

Project 0160-0433-0 ALLARD RD RECON. CHESTER/HARPER (WCL)  
 PURCHASE ORDER #21-46705 - \$180,000.00  
 FOR: CONSTRUCTION OBSERVATION, CONTRACT ADMINISTRATION, SURVEY STAKING  
Professional Services from April 11, 2022 to May 8, 2022  
 Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION STAKEOUT TEAM LEADER	6.60	87.70	578.82	
RESEARCH/REVIEW PRINCIPAL ENGINEER	8.50	108.20	919.70	
CONTRACT ADMINISTRATION LICENSED ENG/SUR/ARC TEAM LEADER	16.70	108.20	1,806.94	
ENGINEERING AIDE III	5.00	87.70	438.50	
CONSTRUCTION OBSERVATION ENGINEERING AIDE III	4.10	73.50	301.35	
ENGINEERING AIDE TRAINEE	98.00	73.50	7,203.00	
Totals	1.50	42.50	63.75	
<b>Total Labor</b>	<b>140.40</b>		<b>11,312.06</b>	<b>11,312.06</b>

**Unit Billing**

2 PERSON CREW-CONSTRUCTION STAKEOUT	5.5 HOURS @ 148.10	814.55	
<b>Total Units</b>		<b>814.55</b>	<b>814.55</b>

**Billing Limits**

	Current	Prior	To-Date	
Total Billings	12,126.61	72,690.03	84,816.64	
Limit			180,000.00	
Remaining			95,183.36	
<b>Total this Invoice</b>				<b>\$12,126.61</b>

**Outstanding Invoices**

Number	Date	Balance
0136701	4/21/2022	6,959.50
<b>Total</b>		<b>6,959.50</b>

PO 46705  
 #202-451-974.201 \$ 485.06  
 #202-451-975.310 \$ 242.54  
 #203-451-974.201 \$ 485.06  
 #203-451-975.310 \$ 606.33

#203-451-977.803 \$ 7,154.70  
 #592-537-975.401 \$ 3,152.92  
 OK - J.K  
 SM 6/18/2022

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

FS 6-9-22



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

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

May 18, 2022  
 Project No: 0160-0446-0  
 Invoice No: 0137193

Project 0160-0446-0 VERNIER ROAD WATER MAIN REPLACEMENT  
 PURCHASE ORDER #21-46704 - \$72,000.00  
Professional Services from April 11, 2022 to May 8, 2022

Construction Cost	850,000.00			
Fee Percentage	6.40			
Total Fee	54,400.00			
Percent Complete	85.00	Total Earned	46,240.00	
		Previous Fee Billing	40,800.00	
		Current Fee Billing	5,440.00	
		<b>Total Fee</b>		<b>5,440.00</b>
		<b>Current</b>		
		5,440.00	<b>Prior</b>	
			40,800.00	
			<b>To-Date</b>	
			46,240.00	
			72,000.00	
			25,760.00	
		<b>Total this Invoice</b>		<b>\$5,440.00</b>

**Billing Limits**  
 Total Billings  
 Limit  
 Remaining

**Outstanding Invoices**

Number	Date	Balance
0136702	4/21/2022	5,820.00
<b>Total</b>		<b>5,820.00</b>

*Pd 5/19/22*

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JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PO 21-46704  
 #592-537-977.310  
 OK-J.K  
 sm 6/8/2022  
 HS 6-9-22*

Vernier Road Water Main Replacement - West City Limit to Mack  
 AEW Project No. 0160-0446  
 Summary of Time Spent for Design, Specification, Bidding  
 and Subconsultant Fees

Name	Hours	Description
ANGER, SCOTT	10	Survey
BICKHAM, BRENDA	1.5	Admin
BIGELOW, JUSTICE	11	Survey
CARPENTER, AARON	24	Survey
COBBS, CHRISTIAN	19	Survey
DE OLIVEIRA, ROSANA	33.7	CADD
GAYESKI JR., JOSEPH	28.5	Survey Oversight, project setup
HARRINGTON, MICHAEL	6	QA/QC
KAFERLE, JARED	15.5	Survey
KAFERLE, KATHLEEN	1.5	Ad,om
LAGODNA, CARL	10.5	Survey Oversight, project setup
LOCKWOOD, SCOTT	4.8	Project Oversight
MILLER, JEFFREY	1	GIS
RIBERAS, JOSEPH	9.5	Survey
RICKARD, EMILY	45.5	CADD
WILBERDING, ROSS	45	Design
	267	

Expenses	
Amount	Description
200	Wayne County Construction Permit Review Fee
150	Wayne County SESC Permit Review Fee
350	





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

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

May 18, 2022  
 Project No: 0160-0449-0  
 Invoice No: 0137194

Project 0160-0449-0 SEWER SYSTEM EVALUATION  
 PURCHASE ORDER #22-46947 - \$107,000.00  
 FOR: REVIEW AND EVALUATION OF SCADA PROPOSALS AND MONITORING DEVICE QUOTES  
Professional Services from April 11, 2022 to May 8, 2022

**RECEIVED**  
 JUN 13 2022

Phase 01 MONITORING EQUIP: SELECT, INSTALL, MAINT **CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT**

**Professional Personnel**

	Hours	Rate	Amount
MEETINGS			
PRINCIPAL ENGINEER	8.00	108.20	865.60
GENERAL			
LICENSED ENG/SUR/ARC	10.20	108.20	1,103.64
Totals	18.20		1,969.24
<b>Total Labor</b>			<b>1,969.24</b>
<b>Total this Phase</b>			<b>\$1,969.24</b>

Phase 02 EVALUATION

**Professional Personnel**

	Hours	Rate	Amount
SECRETARIAL			
SECRETARIAL	1.30	34.70	45.11
PRELIMINARY ENGINEERING			
TEAM LEADER	1.00	87.70	87.70
GENERAL			
GRADUATE ENG/SUR/ARC	2.50	87.70	219.25
GIS UPDATES			
ENGINEERING AIDE III	3.50	73.50	257.25
Totals	8.30		609.31
<b>Total Labor</b>			<b>609.31</b>
<b>Total this Phase</b>			<b>\$609.31</b>
<b>Total this Invoice</b>			<b>\$2,578.55</b>

PO 22-46947  
 #592-537-818.000  
 OK - J.K. FS 6-9-22  
 SM 6/18/2022



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

May 20, 2022  
 Project No: 0160-0443-0  
 Invoice No: 0137237

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

Project 0160-0443-0 2021-2022 GIS MAINTENANCE  
 P.O.# 21-46529

Professional Services from April 11, 2022 to May 8, 2022  
 Professional Personnel

	Hours	Rate	Amount
MEETINGS			
GRADUATE ENG/SUR/ARC	3.00	87.70	263.10
GIS UPDATES			
GRADUATE ENG/SUR/ARC	2.00	87.70	175.40
Totals	5.00		438.50
<b>Total Labor</b>			<b>438.50</b>

Billing Limits	Current	Prior	To-Date
Total Billings	438.50	10,871.35	11,309.85
Limit			21,000.00
Remaining			9,690.15
<b>Total this Invoice</b>			<b>\$438.50</b>

**Outstanding Invoices**

Number	Date	Balance
0136705	4/18/2022	453.45
<b>Total</b>		<b>453.45</b>

*Pd 5/19/22*

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JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

*PO 21-46529  
 # 592-537-977. 000  
 OK - J.K  
 Sm 6/15/2022  
 AS 6-9-22*



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

May 25, 2022  
 Project No: 0160-0448-0  
 Invoice No: 0137445

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

Project 0160-0448-0 2022-2023 RATE STUDY

Professional Services from April 11, 2022 to May 8, 2022  
 Professional Personnel

	Hours	Rate	Amount	
RESEARCH/REVIEW				
SENIOR PROJECT ENGINEER	17.20	108.20	1,861.04	
Totals	17.20		1,861.04	
<b>Total Labor</b>				<b>1,861.04</b>
				<b>Total this Invoice \$1,861.04</b>

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JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 21-46517  
 # 592-537-818.000  
 OK - J.K.  
 Sm 6/8/2022  
 FB 6-9-22



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

May 31, 2022  
 Project No: 0160-0426-0  
 Invoice No: 0137630

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 April 11, 2022 to May 8, 2022

**Professional Personnel**

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
PRINCIPAL ENGINEER	.50	108.20	54.10	
LICENSED ENG/SUR/ARC	4.00	108.20	432.80	
TEAM LEADER	1.50	87.70	131.55	
ENGINEERING AIDE III	.90	73.50	66.15	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	179.50	73.50	13,193.25	
Totals	186.40		13,877.85	
<b>Total Labor</b>				<b>13,877.85</b>

Billing Limits	Current	Prior	To-Date
Total Billings	13,877.85	237,515.22	251,393.07
Limit			325,000.00
Remaining			73,606.93

**RECEIVED**

Total this Invoice \$13,877.85

JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 20-46057  
 # 592-537-977.310  
 OK - J.K  
 SM 6/8/2022  
 FS - 6-9-22



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

May 31, 2022

Project No: 0160-0435-0

Invoice No: 0137631

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

Project 0160-0435-0 2021 MISC. CONCRETE REPAIR

P.O. 21-46682

FOR: CONSTRUCTION INSPECTION AND ADMINISTRATION

Professional Services from April 11, 2022 to May 8, 2022

**Professional Personnel**

	Hours	Rate	Amount	
PRELIMINARY ENGINEERING				
TEAM LEADER	7.50	87.70	657.75	
CONTRACT ADMINISTRATION				
GRADUATE ENG/SUR/ARC	8.00	87.70	701.60	
ENGINEERING AIDE I	.20	58.80	11.76	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	20.50	73.50	1,506.75	
REVISIONS				
GRADUATE ENG/SUR/ARC	1.00	87.70	87.70	
GIS UPDATES				
ENGINEERING AIDE III	1.50	73.50	110.25	
Totals	38.70		3,075.81	
<b>Total Labor</b>				<b>3,075.81</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	3,075.81	70,225.79	73,301.60
Limit			109,000.00
Remaining			35,698.40

**Total this Invoice \$3,075.81**

PO 21-46682  
 #202-451-974.201 \$ 707.44  
 #203-451-974.201 \$ 461.36  
 #585-561-978.300 \$ 1,199.57  
 #592-537-975.401 \$ 707.44  
 OK - J.K  
 SM 6/8/2022  
 HJ - 6922

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 CITY OF GROSSE POINTE WOODS  
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**INVOICE**

May 31, 2022  
 Project No: 0160-0438-0  
 Invoice No: 0137632

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

Project 0160-0438-0 2021 CCTV INVESTIGATION  
 PURCHASE ORDER #21-46707

Professional Services from April 11, 2022 to May 8, 2022

**Professional Personnel**

	Hours	Rate	Amount	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	116.00	73.50	8,526.00	
GIS UPDATES				
ENGINEERING AIDE III	.50	73.50	36.75	
Totals	116.50		8,562.75	
<b>Total Labor</b>				<b>8,562.75</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	8,562.75	46,209.61	54,772.36	
Limit			56,000.00	
Remaining			1,227.64	
		<b>Total this Invoice</b>		<b>\$8,562.75</b>

PO 46707  
 #592-537-975.004  
 OK - J.K.  
 sm 6/8/2022  
 FS 6-9-22

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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**

May 31, 2022  
 Project No: 0160-0440-0  
 Invoice No: 0137633

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

Project 0160-0440-0 2021 SEWER REHAB. BY FCIPP  
 PURCHASE ORDER #21-46701  
 FOR: CONSTRUCTION OBSERVATION AND ADMINISTRATION  
Professional Services from April 11, 2022 to May 8, 2022

**Professional Personnel**

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
PRINCIPAL ENGINEER	1.00	108.20	108.20	
GRADUATE ENG/SUR/ARC	2.00	87.70	175.40	
TEAM LEADER	1.50	87.70	131.55	
ENGINEERING AIDE III	1.00	73.50	73.50	
ENGINEERING AIDE I	.20	58.80	11.76	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	28.50	73.50	2,094.75	
Totals	34.20		2,595.16	
<b>Total Labor</b>				<b>2,595.16</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	2,595.16	30,981.12	33,576.28	
Limit			41,000.00	
Remaining			7,423.72	
		<b>Total this Invoice</b>		<b>\$2,595.16</b>

**RECEIVED**

JUN 13 2022

CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT

PO 46701  
 # 592-537-976.001  
 OK - J.K.  
 Sm 6/8/2022  
 HS 6-9-22



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

May 31, 2022  
 Project No: 0160-0445-0  
 Invoice No: 0137634

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

Project 0160-0445-0 2021-2022 GENERAL ENGINEERING  
 PURCHASE ORDER #21-46530 - \$15,000.00  
 FOR: GENERAL ENGINEERING, PROJECT STATUS AND UPDATES  
Professional Services from April 11, 2022 to May 8, 2022

**Professional Personnel**

	Hours	Rate	Amount
<b>RESEARCH/REVIEW</b>			
PRINCIPAL ENGINEER			
LOCKWOOD, SCOTT	1.50	108.20	162.30
Vernier and Mack			
LOCKWOOD, SCOTT	1.00	108.20	108.20
Wayne County FAC meeting			
<b>GENERAL</b>			
SENIOR PROJECT ENGINEER			
LUTFI, MOHAMMED	7.00	108.20	757.40
Safety app Mack & Vernier Rd			
LUTFI, MOHAMMED	2.00	108.20	216.40
Safety App			
Totals	11.50		1,244.30
<b>Total Labor</b>			<b>1,244.30</b>

Billing Limits	Current	Prior	To-Date
Total Billings	1,244.30	12,033.66	13,277.96
Limit			15,000.00
Remaining			1,722.04

**Total this Invoice \$1,244.30**

PO 21-46530  
 #101-441-818.000 \$414.77  
 #101-444-818.000 \$414.77  
 #592-537-818.000 \$414.76  
 OK - J.K  
 SM 6/18/2022  
 6-9-22

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 CITY OF GROSSE POINTE WOODS  
 CLERK'S DEPARTMENT