



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

**CIVIL ENGINEERS - SURVEYORS - ARCHITECTS**

5000 Lakeside Blvd., Suite 200, Grosse Pointe Woods, MI 48230  
313.281.1100 • Fax: 313.281.1101 • www.aew.com

August 2, 2022

**RECEIVED**

**AUG 03 2022**

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

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

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

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 4 for the above referenced project. For work performed through July 31, 2022 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$192,881.33** to Florence Cement Company, 51515 Corridor, Shelby Twp., MI 48315.

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

Sincerely,

*Ross Wilberding*

Ross T. Wilberding  
Project Manager

PO 22-46943  
#202-451-974.200 \$5,786.44  
#202-451-975.300 \$3,857.63  
#203-451-974.200 \$5,786.44  
#203-451-975.300 \$5,786.44  
#203-451-977.804 \$123,444.05  
#592-537-975.400 \$48,220.33

ok - *J.K.*

*SM 8/3/22*

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

*AI - 8/3/22*



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

8/2/2022 10:21 AM

FieldManager 5.3c

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

<b>Estimate No.</b> 4	<b>Estimate Date</b> 7/31/2022	<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: \$1,029,769.79 % Completed: 74%				

### 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, Rem	Syd	2040055	0045	0045	00	000	124.630	8.10	\$1,009.50
Ero Con, Inlet Protection, Fabric Drop	Ea	2080020	0065	0065	00	000	15.000	103.00	\$1,545.00
Aggregate Base, 11 inch	Syd	3020028	0075	0075	00	000	2,716.500	15.50	\$42,105.75
Dr Structure Cover, Adj, Case 1	Ea	4030005	0110	0110	00	000	1.000	515.00	\$515.00
Dr Structure Cover, Adj, Case 2	Ea	4030006	0115	0115	00	000	1.000	254.00	\$254.00
_ Catch Basin Cover, Restricted, GPW	Ea	4037050	0130	0130	00	000	7.000	253.00	\$1,771.00
_ External Structure Wrap, 18 inch	Ea	4037050	0140	0140	00	000	8.000	436.50	\$3,492.00
HMA, 4E1	Ton	5010050	0165	0165	00	000	412.440	105.00	\$43,306.20
Conc Pavt w/ Int Curb, Nonreinf, 8 inch	Syd	6020164	0175	0175	00	000	55.820	65.00	\$3,628.30
Driveway, Nonreinf Conc, 6 inch	Syd	8010005	0185	0185	00	000	345.700	50.50	\$17,457.85
Driveway, Nonreinf Conc, 8 inch	Syd	8010007	0190	0190	00	000	31.490	60.00	\$1,889.40
Curb and Gutter, Conc, Det F2	Ft	8020036	0195	0195	00	000	1,814.000	20.50	\$37,187.00
Driveway Opening, Conc, Det M	Ft	8020050	0200	0200	00	000	51.000	25.50	\$1,300.50
Detectable Warning Surface	Ft	8030010	0205	0205	00	000	80.000	40.00	\$3,200.00
Sidewalk, Conc, 4 inch	Sft	8030044	0215	0215	00	000	659.000	6.00	\$3,954.00
Sidewalk, Conc, 6 inch	Sft	8030046	0220	0220	00	000	387.600	7.00	\$2,713.20
_ Sidewalk Ramp, Conc, 8 inch	Sft	8037010	0225	0225	00	000	443.250	8.50	\$3,767.63
_ Traffic Control, Minor Street	LS	8127051	0230	0230	00	000	0.500	34,690.00	\$17,345.00
_ Pollution Liability Insurance Policy	LS	1027051	0325	0325	SA	001	1.000	1,553.00	\$1,553.00
Pedestrian Type II Barricade, Temp	Ea	8120026	0330	0330	SA	001	8.000	110.00	\$880.00
Dr Structure, Tap, 12 inch	Ea	4030312	0335	0335	SA	001	4.000	664.25	\$2,657.00



## Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

8/2/2022 10:21 AM

FieldManager 5.3c

### 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
_ Sewer Bulkhead, 6 inch	Ea	4027050	0340	0340	SA	001	9.000	150.00	\$1,350.00
<b>Subtotal for Category 0001:</b>									<b>\$192,881.33</b>
<b>Subtotal for Project Allard Recons:</b>									<b>\$192,881.33</b>
<b>Total Estimated Item Payment:</b>									<b>\$192,881.33</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
Allard Recons, Harper to Chester	0004	\$192,881.33	\$0.00	\$192,881.33
<b>Voucher Total:</b>				<b>\$192,881.33</b>

### Summary

Current Voucher Total:	\$192,881.33	Earnings to date:	\$762,169.41
-Current Retainage:	\$0.00	- Retainage to date:	\$48,989.00
-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>\$192,881.33</b>	Net Earnings to date:	\$713,180.41
		- Payments to date:	\$520,299.08
		<b>Net Earnings this period:</b>	<b>\$192,881.33</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 Wilberding*

08/02/2022

Ross T. Wilberding, PE

(Date)



## Construction Pay Estimate Amount Balance Report

Estimate: 4

8/2/2022 10:21 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

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

**Project: Allard Recons, Harper to Chester**

**Category: 0001, Reconstruction**

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0005	_ Reimbursed Permit Fees	1027060	1,000.000	Dir		720.000	720.000	72%	1.00000	\$720.00
0010	Mobilization, Max 3%	1500001	1.000	LS		1.000	1.000	100%	28,537.28000	\$28,537.28
0015	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea		7.000	7.000	100%	2,000.00000	\$14,000.00
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea		0.000			3,500.00000	
0025	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea		9.000	9.000	100%	225.00000	\$2,025.00
0030	Dr Structure, Rem	2030011	17.000	Ea		19.000	19.000	112%	345.25000	\$6,559.75
0035	Sewer, Rem, Less than 24 inch	2030015	325.000	Ft		318.000	318.000	98%	23.15000	\$7,361.70
0040	Pavt, Rem	2040050	6,250.000	Syd		5,670.860	5,670.860	91%	5.35000	\$30,339.10
0045	Sidewalk, Rem	2040055	250.000	Syd	124.630	250.640	250.640	100%	8.10000	\$2,030.18
0050	_ Station Grading	2057002	19.000	Sta		18.000	18.000	95%	3,382.00000	\$60,876.00
0055	_ Subgrade Undercutting, Modified	2057021	143.000	Cyd		93.400	93.400	65%	60.00000	\$5,604.00
0060	_ Subgrade Undercutting, Special	2057021	150.000	Cyd		0.000			52.10000	
0065	Ero Con, Inlet Protection, Fabric Drop	2080020	17.000	Ea	15.000	15.000	15.000	88%	103.00000	\$1,545.00
0070	Aggregate Base, 6 inch	3020016	110.000	Syd		0.000			15.40000	
0075	Aggregate Base, 11 inch	3020028	5,900.000	Syd	2,716.500	5,433.000	5,433.000	92%	15.50000	\$84,211.50
0080	Maintenance Gravel	3060020	500.000	Ton		0.000			19.00000	
0085	Sewer, CI IV, 12 inch, Tr Det B	4020987	325.000	Ft		316.000	316.000	97%	123.00000	\$38,868.00
0090	Sewer, CI IV, 15 inch, Tr Det B	4020988	8.000	Ft		8.000	8.000	100%	161.00000	\$1,288.00
0095	_ Sewer, Sch 40 PVC, 10 inch, Tr Det B	4027001	6.000	Ft		13.000	13.000	217%	190.00000	\$2,470.00
0100	_ Sewer Connection, 10 inch	4027050	1.000	Ea		2.000	2.000	200%	232.00000	\$464.00
0105	_ Sewer Connection, 15 inch	4027050	2.000	Ea		2.000	2.000	100%	290.00000	\$580.00
0110	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea	1.000	1.000	1.000	50%	515.00000	\$515.00
0115	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea	1.000	1.000	1.000	50%	254.00000	\$254.00
0120	Dr Structure, 24 inch dia	4030200	7.000	Ea		7.000	7.000	100%	1,967.00000	\$13,769.00
0125	Dr Structure, 48 inch dia	4030210	2.000	Ea		3.000	3.000	150%	3,089.00000	\$9,267.00
0130	_ Catch Basin Cover, Restricted, GPW	4037050	14.000	Ea	7.000	14.000	14.000	100%	253.00000	\$3,542.00
0135	_ Dr Structure, 36 inch dia	4037050	7.000	Ea		7.000	7.000	100%	2,452.00000	\$17,164.00
0140	_ External Structure Wrap, 18 inch	4037050	21.000	Ea	8.000	17.000	17.000	81%	436.50000	\$7,420.50
0145	_ Storm Manhole Cover, GPW	4037050	5.000	Ea		2.000	2.000	40%	348.00000	\$696.00

Contract: .0160-0433

Estimate: 4

Page 1 of 3



## Construction Pay Estimate Amount Balance Report

Estimate: 4

8/2/2022 10:21 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project:** Allard Recons, Harper to Chester

**Category:** 0001, Reconstruction

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0150	Underdrain, Subgrade, 4 inch	4040071	3,650.000	Ft		3,645.000	3,645.000	99%	11.00000	\$40,095.00
0155	_ Pop-Up Emitter, Storm Drain, Residential	4047050	2.000	Ea		0.000			584.00000	
0160	HMA Surface, Rem	5010005	4,850.000	Syd		4,684.450	4,684.450	97%	1.65000	\$7,729.35
0165	HMA, 4E1	5010050	860.000	Ton	412.440	898.880	898.880	105%	105.00000	\$94,382.40
0170	HMA, 5E1	5010056	570.000	Ton		0.000			115.00000	
0175	Conc Pavt w/ Int Curb, Nonreinf, 8 inch	6020164	100.000	Syd	55.820	100.820	100.820	101%	65.00000	\$6,553.30
0180	Lane Tie, Epoxy Anchored	6030030	50.000	Ea		0.000			10.00000	
0185	Driveway, Nonreinf Conc, 6 inch	8010005	825.000	Syd	345.700	741.960	741.960	90%	50.50000	\$37,468.98
0190	Driveway, Nonreinf Conc, 8 inch	8010007	75.000	Syd	31.490	61.010	61.010	81%	60.00000	\$3,660.60
0195	Curb and Gutter, Conc, Det F2	8020036	3,800.000	Ft	1,814.000	3,629.400	3,629.400	96%	20.50000	\$74,402.70
0200	Driveway Opening, Conc, Det M	8020050	100.000	Ft	51.000	97.400	97.400	97%	25.50000	\$2,483.70
0205	Detectable Warning Surface	8030010	99.500	Ft	80.000	80.000	80.000	80%	40.00000	\$3,200.00
0210	Sidewalk Ramp, Conc, 4 inch	8030034	1,000.000	Sft		0.000			7.50000	
0215	Sidewalk, Conc, 4 inch	8030044	120.000	Sft	659.000	1,066.180	1,066.180	888%	6.00000	\$6,397.08
0220	Sidewalk, Conc, 6 inch	8030046	50.000	Sft	387.600	387.600	387.600	775%	7.00000	\$2,713.20
0225	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,225.000	Sft	443.250	511.250	511.250	42%	8.50000	\$4,345.63
0230	_ Traffic Control, Minor Street	8127051	1.000	LS	0.500	1.000	1.000	100%	34,690.00000	\$34,690.00
0235	_ Proposed Trees	8157050	20.000	Ea		0.000			650.00000	
0240	Sodding	8160055	3,250.000	Syd		0.000			3.36000	
0245	Topsoil Surface, Furn, 3 inch	8160061	3,250.000	Syd		0.000			3.16000	
0250	Water, Sodding/Seeding	8160090	100.000	Unit		0.000			55.00000	
0255	_ Staking First Row of Sod	8167001	3,500.000	Ft		0.000			0.43000	
0260	Water Shutoff, Adj, Case 1	8230421	1.000	Ea		0.000			951.01000	
0265	_ Irrigation Pipe	8237001	1,600.000	Ft		0.000			3.00000	
0270	_ Sprinkler Head	8237050	160.000	Ea		0.000			60.00000	
0275	_ Sprinkler Head, Adj	8237050	20.000	Ea		0.000			60.00000	
0280	_ Audio Visual Record of Construction Area	8507051	1.000	LS		1.000	1.000	100%	840.00000	\$840.00
0285	_ Rubbish Pickup	8507051	1.000	LS		0.000			5,300.00000	



## Construction Pay Estimate Amount Balance Report

Estimate: 4

8/2/2022 10:21 AM

Anderson, Eckstein and Westrick, Inc.

FieldManager 5.3c

**Project:** Allard Recons, Harper to Chester

**Category:** 0001, Reconstruction

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0325	_ Pollution Liability Insurance Policy	1027051	1.000	LS	1.000	1.000	1.000	100%	1,553.00000	\$1,553.00
0330	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea	8.000	8.000	8.000	100%	110.00000	\$880.00
0335	Dr Structure, Tap, 12 inch	4030312	4.000	Ea	4.000	4.000	4.000	100%	664.25000	\$2,657.00
0340	_ Sewer Bulkhead, 6 inch	4027050	9.000	Ea	9.000	9.000	9.000	100%	150.00000	\$1,350.00
<b>Subtotal for Category 0001:</b>										<b>665508.95</b>

**Category:** 0002, Maintenance

Prop. Line	Item Description	Item Code	Authorized Qty.	Unit	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
0290	_ Curb and Gutter, Rem, Modified	2047001	100.000	Ft		0.000			46.00000	
0295	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	5,250.000	Ft		2,330.100	2,330.100	44%	10.40000	\$24,233.04
0300	_ HMA Surface, Rem, Modified	5017011	1,500.000	Syd		987.940	987.940	66%	43.00000	\$42,481.42
0305	_ Hand Patching, Modified	5017031	420.000	Ton		241.500	241.500	58%	124.00000	\$29,946.00
0310	_ Curb and Gutter, Conc, Det F2, Modified	8027001	100.000	Ft		0.000			30.00000	
0345	_ Remobilization, Bonds, Traffic Control, Sanitary Facilities	1027051	1.000	LS		0.000			4,950.00000	
<b>Subtotal for Category 0002:</b>										<b>96660.46</b>

**Subtotal for Project Allard Recons: 762169.41**

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

**Total Amount Earned This Estimate: \$192,881.33**  
**Total Amount Earned To Date: \$762,169.41**