

ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

51301 Centoheron Road, Shelby Township, MI 48215

585 726-1231 | www.aewm.com

October 7, 2022

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

RECEIVED

OCT 13 2022

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

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

Dear Mrs. Murphy:

Enclosed please find Construction Pay Estimate No. 6 for the above referenced project. For work performed through September 30, 2022 we recommend issuing payment for the **Net Earnings this Period (see Page 2)** in the amount of **\$6,228.00** to Florence Cement Company, 51515 Corridor, Shelby Twp., MI 48315.

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

Sincerely,

DocuSigned by:
Ross Wilberding
205B23CECB0242B...

Ross T. Wilberding
Project Manager

P022-46943
202-451-974.200 \$ 186.84
202-451-975.300 \$ 124.56
203-451-974.200 \$ 186.84
203-451-975.300 \$ 186.84
203-451-977.804 \$ 3,985.92
592-537-975.400 \$ 1,557.00
OK - J.K.

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

SM 10/12/22
FS 10-12-22



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

10/7/2022 2:56 PM

FieldManager 5.3c

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

| Estimate No. | Estimate Date | Entered By | Estimate Type | Managing Office |
|---|---------------|----------------------------------|---|---------------------------------------|
| 6 | 9/30/2022 | Michelle Ankawi | Semi-Monthly | Anderson, Eckstein and Westrick, Inc. |
| All Contract Work Completed | | Construction Started Date | Prime Contractor | |
| | | | Florence Cement Company 51515 Corridor Shelby Township MI 48315 | |
| Comments | | | | |
| Current Contract Amount: \$1,029,769.79 % Completed: 83% | | | | |

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 |
|--|------|-----------|-----------|------------------|-----------|----------|----------|------------|-------------------|
| _ Irrigation Pipe | Ft | 8237001 | 0265 | 0265 | 00 | 000 | 636.000 | 3.00 | \$1,908.00 |
| _ Sprinkler Head | Ea | 8237050 | 0270 | 0270 | 00 | 000 | 72.000 | 60.00 | \$4,320.00 |
| Subtotal for Category 0001: | | | | | | | | | \$6,228.00 |
| Subtotal for Project Allard Recons: | | | | | | | | | \$6,228.00 |
| Total Estimated Item Payment: | | | | | | | | | \$6,228.00 |

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 |
|----------------------------------|-------------|--------------|----------------------|-------------------|
| Allard Recons, Harper to Chester | 0006 | \$6,228.00 | \$0.00 | \$6,228.00 |
| Voucher Total: | | | | \$6,228.00 |



Construction Pay Estimate Report

Anderson, Eckstein and Westrick, Inc.

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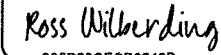
FieldManager 5.3c

Summary

| | | | |
|---------------------------------|-------------------|----------------------------------|---------------------|
| Current Voucher Total: | \$6,228.00 | Earnings to date: | \$855,487.93 |
| -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 |
| Total Estimated Payment: | \$6,228.00 | Net Earnings to date: | \$806,498.93 |
| | | - Payments to date: | \$800,270.93 |
| | | Net Earnings this period: | \$6,228.00 |

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.

| | |
|---|------------|
|  | 10/07/2022 |
| Ross T. Wilberding, PE | (Date) |



Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

10/7/2022 2:56 PM

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

Contract: .0160-0433

Estimate: 6

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Construction Pay Estimate Amount Balance Report

Estimate: 6

Anderson, Eckstein and Westrick, Inc.

10/7/2022 2:56 PM

FieldManager 5.3c

Project: Allard Recons, Harper to Chester

Category: 0001, Reconstruction

| Prop. Line | Item Description | Item Code | Authorized Qty. | Unit | Quantity This Estimate | Qty. Paid To Date | Total Qty. Placed | % Cpt | Unit Price | Dollar Amt. Paid To Date |
|------------|--|-----------|-----------------|------|------------------------|-------------------|-------------------|-------|--------------|--------------------------|
| 0150 | Underdrain, Subgrade, 4 inch | 4040071 | 3,650.000 | Ft | | 3,645.000 | 3,645.000 | 99% | 11.00000 | \$40,095.00 |
| 0155 | _ Pop-Up Emitter, Storm Drain, Residential | 4047050 | 2.000 | Ea | | 0.000 | | | 584.00000 | |
| 0160 | HMA Surface, Rem | 5010005 | 4,850.000 | Syd | | 4,684.450 | 4,684.450 | 97% | 1.65000 | \$7,729.35 |
| 0165 | HMA, 4E1 | 5010050 | 860.000 | Ton | | 898.880 | 898.880 | 105% | 105.00000 | \$94,382.40 |
| 0170 | HMA, 5E1 | 5010056 | 570.000 | Ton | | 622.330 | 622.330 | 109% | 115.00000 | \$71,567.95 |
| 0175 | Conc Pavt w/ Int Curb,Nonreinf,8 inch | 6020164 | 100.000 | Syd | | 100.820 | 100.820 | 101% | 65.00000 | \$6,553.30 |
| 0180 | Lane Tie, Epoxy Anchored | 6030030 | 50.000 | Ea | | 0.000 | | | 10.00000 | |
| 0185 | Driveway, Nonreinf Conc, 6 inch | 8010005 | 825.000 | Syd | | 741.960 | 741.960 | 90% | 50.50000 | \$37,468.98 |
| 0190 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 75.000 | Syd | | 61.010 | 61.010 | 81% | 60.00000 | \$3,660.60 |
| 0195 | Curb and Gutter, Conc, Det F2 | 8020036 | 3,800.000 | Ft | | 3,629.400 | 3,629.400 | 96% | 20.50000 | \$74,402.70 |
| 0200 | Driveway Opening, Conc, Det M | 8020050 | 100.000 | Ft | | 97.400 | 97.400 | 97% | 25.50000 | \$2,483.70 |
| 0205 | Detectable Warning Surface | 8030010 | 99.500 | Ft | | 80.000 | 80.000 | 80% | 40.00000 | \$3,200.00 |
| 0210 | Sidewalk Ramp, Conc, 4 inch | 8030034 | 1,000.000 | Sft | | 1,151.700 | 1,151.700 | 115% | 7.50000 | \$8,637.75 |
| 0215 | Sidewalk, Conc, 4 inch | 8030044 | 120.000 | Sft | | 293.800 | 293.800 | 245% | 6.00000 | \$1,762.80 |
| 0220 | Sidewalk, Conc, 6 inch | 8030046 | 50.000 | Sft | | 423.260 | 423.260 | 847% | 7.00000 | \$2,962.82 |
| 0225 | _ Sidewalk Ramp, Conc, 8 inch | 8037010 | 1,225.000 | Sft | | 621.250 | 621.250 | 51% | 8.50000 | \$5,280.63 |
| 0230 | _ Traffic Control, Minor Street | 8127051 | 1.000 | LS | | 1.000 | 1.000 | 100% | 34,690.00000 | \$34,690.00 |
| 0235 | _ Proposed Trees | 8157050 | 20.000 | Ea | | 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 | 636.000 | 636.000 | 636.000 | 40% | 3.00000 | \$1,908.00 |
| 0270 | _ Sprinkler Head | 8237050 | 160.000 | Ea | 72.000 | 72.000 | 72.000 | 45% | 60.00000 | \$4,320.00 |
| 0275 | _ Sprinkler Head, Adj | 8237050 | 20.000 | Ea | | 0.000 | | | 60.00000 | |
| 0280 | _ Audio Visual Record of Construction Area | 8507051 | 1.000 | LS | | 1.000 | 1.000 | 100% | 840.00000 | \$840.00 |
| 0285 | _ Rubbish Pickup | 8507051 | 1.000 | LS | | 0.000 | | | 5,300.00000 | |



Construction Pay Estimate Amount Balance Report

Estimate: 6

10/7/2022 2:56 PM

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 | 100% | 1,553.00000 | \$1,553.00 |
| 0330 | Pedestrian Type II Barricade, Temp | 8120026 | 8.000 | Ea | | 8.000 | 8.000 | 100% | 110.00000 | \$880.00 |
| 0335 | Dr Structure, Tap, 12 inch | 4030312 | 4.000 | Ea | | 4.000 | 4.000 | 100% | 664.25000 | \$2,657.00 |
| 0340 | _ Sewer Bulkhead, 6 inch | 4027050 | 9.000 | Ea | | 9.000 | 9.000 | 100% | 150.00000 | \$1,350.00 |
| Subtotal for Category 0001: | | | | | | | | | | 758827.47 |

Category: 0002, Maintenance

| Prop. Line | Item Description | Item Code | Authorized Qty. | Unit | Quantity This Estimate | Qty. Paid To Date | Total Qty. Placed | % Cpt | Unit Price | Dollar Amt. Paid To Date |
|------------------------------------|---|-----------|-----------------|------|------------------------|-------------------|-------------------|-------|-------------|--------------------------|
| 0290 | _ Curb and Gutter, Rem, Modified | 2047001 | 100.000 | Ft | | 0.000 | | | 46.00000 | |
| 0295 | _ Pavt Joint and Crack Repr, Det 7, Specia I | 5017001 | 5,250.000 | Ft | | 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 | |
| Subtotal for Category 0002: | | | | | | | | | | 96660.46 |

Subtotal for Project Allard Recons: 855487.93

Percentage of Contract Completed(curr): 83%
 (total earned to date / total of all authorized work)

Total Amount Earned This Estimate: \$6,228.00
Total Amount Earned To Date: \$855,487.93