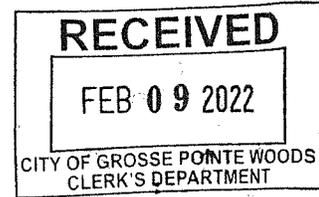


MEMO 22-02



TO: Frank Schulte, City Administrator
FROM: James Kowalski, Director of Public Services *JK*
DATE: January 28, 2022

SUBJECT: Allard Avenue Reconstruction Project Budget – AEW Project No. 0160-0433

On August 2, 2021, Council approved funds for soliciting bids and design engineering for the reconstruction of Allard from Chester and the west city limit. This project also includes asphalt patching on Lochmoor from Wedgewood to east city limit, Lennon from Mack to west city limit, Bramcaster from Prestwick to Huntington, and the Torrey Road Municipal Parking Lot.

During the design process of the project, Anderson, Eckstein and Westrick, Inc. (AEW) found that all existing sewers on Allard Avenue should be replaced within the limits of the existing roadway based on their age (diagram attached). This additional work requires a budget amendment from the Water/Sewer Fund Balance.

On Tuesday, January 11, 2022 six bids were received. The lowest qualified bidder was Florence Cement Company of Shelby Township, Michigan.

Florence Cement Company	\$ 979,779.79
Asphalt Specialist, LLC	\$ 1,036,270.00
Cadillac Asphalt, LLC	\$ 1,059,900.00
Gibraltar Construction Company	\$ 1,084,277.50
Pro-Line Asphalt Paving Corporation	\$ 1,089,566.00
M.L. Chartier Excavating, Inc.	\$ 1,181,732.80

AEW has previously worked with Florence Cement Company in Grosse Pointe Woods and their work is satisfactory. Based upon the recommendation of AEW, I concur that the contract for the Allard Avenue Reconstruction be awarded to the lowest qualified bidder, Florence Cement Company, 51515 Corridor, Shelby Township, MI 48315, in the amount of \$979,779.79.

I further recommend construction engineering to be provided by Anderson, Eckstein and Westrick, Inc., 51301 Schoenherr Rd., Shelby Twp., MI 48315 in an amount not to exceed \$131,500.00.

This is a budgeted item included in 2021/2022 fiscal year budget in the accounts listed in the table below, but due to the additional sewer work discovered, the additional funds require a budget amendment from the Water/Sewer Fund Balance account no. 592-000-697.000 into the Water/Sewer Concrete Repair account no. 592-537-975.400 in the amount of \$137,779.79 and the Water/Sewer Concrete Engineering account no. 592-537-975.401 in the amount of \$12,000.00 (shown in red on the next page).

Account Description	Account Number	Amount
Asphalt Joint Patching (Major Streets)	202-451-974.200	\$25,000.00
Joint and Crack Sealing (Major Streets)	202-451-975.300	\$17,000.00
Asphalt Joint Patching (Local Streets)	203-451-974.200	\$25,000.00
Joint and Crack Sealing (Local Streets)	203-451-975.300	\$33,000.00
Allard Avenue Construction	203-451-977.804	\$630,000.00
Allard Avenue Construction (Water/Sewer)	592-537-975.400	\$112,000.00
Additional Allard Avenue Construction (Water/Sewer) <i>*Budget Amendment from Water/Sewer Fund Balance account no. 592-000-697.000</i>	592-537-975.400	\$137,779.79
Total Construction		\$979,779.79
Asphalt Joint Patching Engineering (Major Streets)	202-451-974.201	\$5,000.00
Joint and Crack Sealing Engineering (Major Streets)	202-451-975.310	\$3,000.00
Asphalt Joint Patching Engineering (Local Streets)	203-451-974.201	\$5,000.00
Joint and Crack Sealing Engineering (Local Streets)	203-451-975.310	\$7,000.00
Allard Avenue Engineering	203-451-977.803	\$77,500.00
Allard Avenue Engineering (Water/Sewer)	592-537-975.401	\$22,000.00
Additional Allard Avenue Engineering (Water/Sewer) <i>*Budget Amendment from Water/Sewer Fund Balance account no. 592-000-697.000</i>	592-537-975.401	\$12,000.00
Total Engineering		\$131,500.00
PROJECT COST		\$1,111,279.79

I do not believe any benefit will accrue to the City by seeking further bids. Approved for Council consideration.



 Frank Schulte, City Administrator



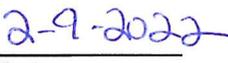
 Date

Fund Certification:

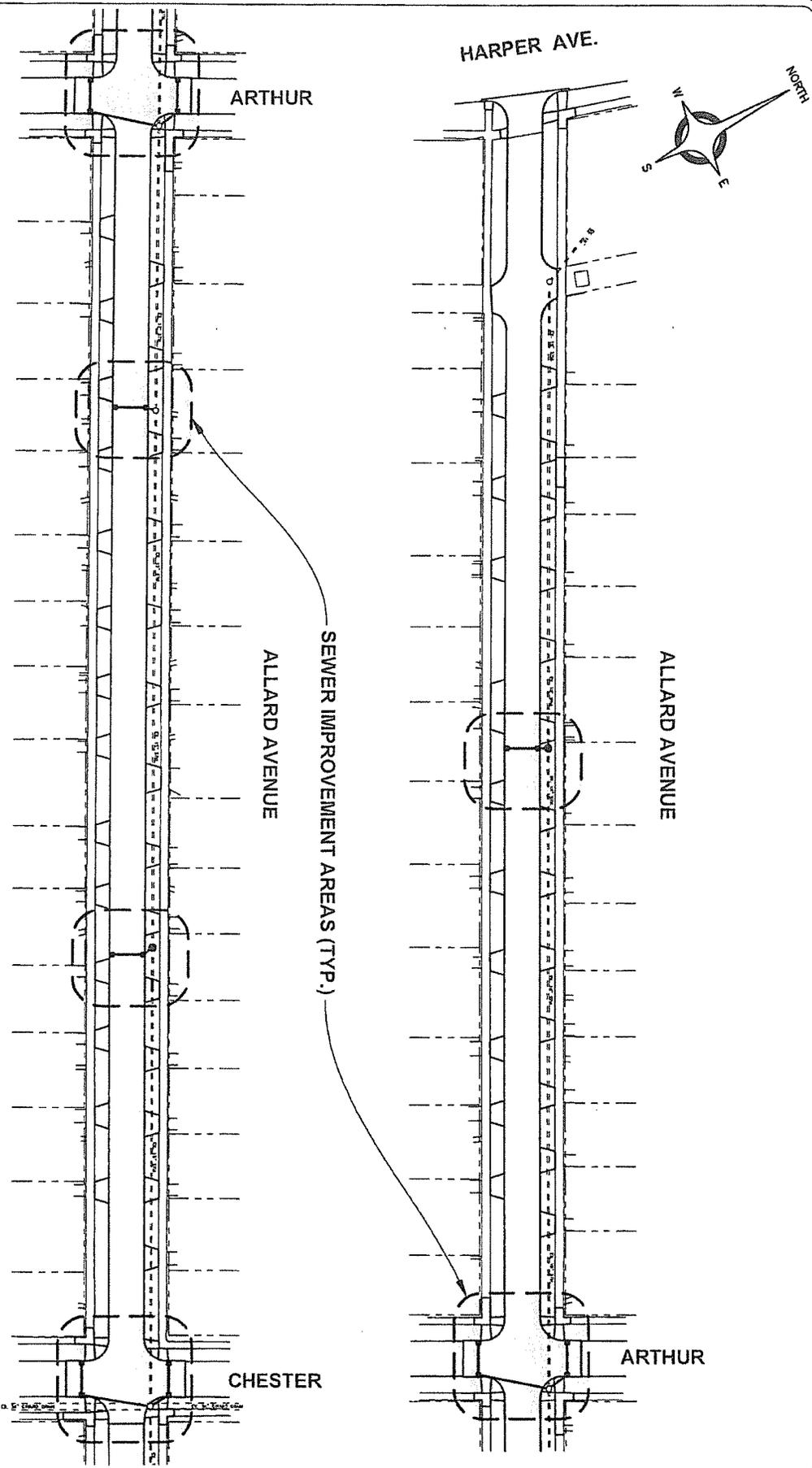
Account numbers and amounts have been verified as presented.



 Shawn Murphy, Comptroller/Treasurer



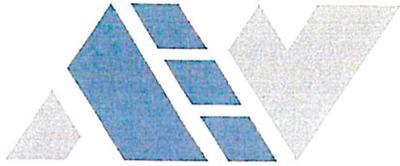
 Date



ANDERSON, ECKSTEIN AND
WESTRICK, INC.
CIVIL ENGINEERS SURVEYORS ARCHITECTS
51301 Schoenher Rd Phone 586 726 1234
Shelby Township Fax 586 726 8780
Michigan 48315
www.aewric.com

**ALLARD AVENUE PAVEMENT RECONSTRUCTION
SEWER IMPROVEMENT AREAS**

DATE	12 - 2021	PROJECT NO.	0160-0433
DRAWN BY	KJP	SCALE	1"=100'
CHECKED BY	SPL	SHEET NO.	1



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

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

January 28, 2022

Frank Schulte, City Administrator
City of Grosse Pointe Woods
20025 Mack Plaza
Grosse Pointe Woods, Michigan 48236-2397

Reference: **Allard Avenue Reconstruction and Asphalt Patching**
Harper to Chester
AEW Project No. 0160-0433

Dear Mr. Schulte:

On Tuesday, January 11, 2022, six (6) bids were received for the above referenced project. We have tabulated the bids and have included a summary herewith for your use.

The low bidder for this project is Florence Cement Company of Shelby Township, Michigan, with a total bid amount of \$979,779.79. We have previously worked with Florence Cement Company in Grosse Pointe Woods, and find them qualified to perform this work.

There was an anticipated increase in the cost of the project due to the scope of the sewer work impacted by the road reconstruction particularly at intersections.

Based on past performance, availability of funds, and the lowest bid submitted, we recommend that the contract for the **Allard Avenue Reconstruction** be awarded to **Florence Cement Company**, 51515 Corridor, Shelby Township, MI 48315 in the amount of **\$979,779.79**.

In addition, we are recommending construction engineering in the amount of \$131,500.

If you have any questions, please advise.

Sincerely,

Scott Lockwood, PE

Enclosure: Bid Tabulation
cc: Jim Kowalski, DPW Director
Shawn Murphy, Deputy Controller

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TABULATION OF BIDS
CITY OF GROSSE POINTE WOODS
ALLARD AVENUE RECONSTRUCTION
HARPER TO CHESTER
AEW PROJECT NO. 0160-0433

Prepared by: Anderson, Eckstein and Westrick, Inc.
51301 Schoenherr Road
Shelby Township, MI 48315

DATE: 1/11/2022
TIME: 10:00 AM

BIDDER RANKING

RANK	BIDDER'S NAME	TOTAL BID
1	Florence Cement Company	\$ 979,779.79 *
2	Asphalt Specialist LLC	\$ 1,036,270.00
3	Cadillac Asphalt, LLC	\$ 1,059,900.00
4	Gibraltar Construction Company	\$ 1,084,277.50 *
5	Pro-Line Asphalt Paving Corporation	\$ 1,089,566.00
6	ML Chartier Excavating, Inc.	\$ 1,181,732.80

* CORRECTED BY ENGINEER



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 ALLARD AVENUE RECONSTRUCTION
 HARPER TO CHESTER
 AEW PROJECT NO. 0160-0433

Item No.	Description	Estimated Quantity	Units	Florence Cement Company 51515 Comidor Shelby Twp., MI 48315		Asphalt Specialist LLC 1780 E. Highwood Pontiac, MI 48340		Cadillac Asphalt, LLC 51777 West 12 Mile Rd Wixom, MI 48393	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	_Reimbursed Permit Fees	1,000	Dlr	1.00	1,000.00	1.00	1,000.00	1.00	1,000.00
2.	Mobilization, Max 3%	1	LS	28,537.28	28,537.28 *	30,000.00	30,000.00	30,000.00	30,000.00
3.	Tree, Rem, 19 inch to 36 inch.	7	Ea	2,000.00	14,000.00	2,200.00	15,400.00	1,560.00	10,920.00
4.	Tree, Rem, 37 inch or Larger	1	Ea	3,500.00	3,500.00	4,000.00	4,000.00	2,640.00	2,640.00
5.	Tree, Rem, 6 inch to 18 inch	9	Ea	225.00	2,025.00	250.00	2,250.00	270.00	2,430.00
6.	Dr Structure, Rem	17	Ea	345.25	5,869.25	1,000.00	17,000.00	875.00	14,875.00
7.	Sewer, Rem, Less than 24 inch	325	Ft	23.15	7,523.75	33.00	10,725.00	30.00	9,750.00
8.	Pavt, Rem	6,250	Syd	5.35	33,437.50	9.00	56,250.00	10.00	62,500.00
9.	Sidewalk, Rem	250	Syd	8.10	2,025.00	18.00	4,500.00	16.00	4,000.00
10.	_Station Grading	19	S/a	3,382.00	64,258.00	2,500.00	47,500.00	3,600.00	68,400.00
11.	_Subgrade Undercutting, Modified	250	Cyd	60.00	15,000.00	65.00	16,250.00	52.00	13,000.00
12.	_Subgrade Undercutting, Special	150	Cyd	52.10	7,815.00	67.00	10,050.00	55.00	8,250.00
13.	Erosion Control, Inlet Protection, Fabric Drop	17	Ea	103.00	1,751.00	110.00	1,870.00	150.00	2,550.00
14.	Aggregate Base, 6 inch	110	Syd	15.40	1,694.00	16.00	1,760.00	16.00	1,760.00
15.	Aggregate Base, 11 inch	5,900	Syd	15.50	91,450.00	14.00	82,600.00	17.00	100,300.00
16.	Maintenance Gravel	500	Ton	19.00	9,500.00	1.00	500.00	30.00	15,000.00
17.	Sewer, CIV, 12 inch, Tr Det B	325	Ft	123.00	39,975.00	95.00	30,875.00	85.00	27,625.00
18.	Sewer, CIV, 15 inch, Tr Det B	8	Ft	161.00	1,288.00	120.00	960.00	110.00	880.00
19.	_Sewer, Sch 40 PVC, 10 inch, Tr Det B	6	Ft	190.00	1,140.00	130.00	780.00	120.00	720.00
20.	_Sewer Connection, 10 inch	1	Ea	232.00	232.00	1,100.00	1,100.00	965.00	965.00
21.	_Sewer Connection, 15 inch	2	Ea	290.00	580.00	1,100.00	2,200.00	1,005.00	2,010.00
22.	Dr Structure Cover, Adj, Case 1	2	Ea	515.00	1,030.00	1,100.00	2,200.00	1,000.00	2,000.00
23.	Dr Structure Cover, Adj, Case 2	2	Ea	254.00	508.00	900.00	1,800.00	800.00	1,600.00
24.	Dr Structure, 24 inch dia	7	Ea	1,967.00	13,769.00	1,800.00	12,600.00	1,650.00	11,550.00
25.	Dr Structure, 48 inch dia	2	Ea	3,089.00	6,178.00	2,500.00	5,000.00	2,250.00	4,500.00
26.	_Catch Basin Cover, Restrictd, GPW	14	Ea	253.00	3,542.00	700.00	9,800.00	600.00	8,400.00
27.	_Dr Structure, 36 inch dia	7	Ea	2,452.00	17,164.00	2,300.00	16,100.00	2,000.00	14,000.00



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 ALLARD AVENUE RECONSTRUCTION
 HARPER TO CHESTER
 AEW PROJECT NO. 01-60-0433

Item No.	Description	Estimated Quantity	Units	Florence Cement Company		Asphalt Specialist LLC		Cadillac Asphalt, LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
28.	_External Structure Wrap, 18 inch	21	Ea	436.50	9,166.50	675.00	14,175.00	600.00	12,600.00
29.	_Storm Manhole Cover, GPW	5	Ea	348.00	1,740.00	650.00	3,250.00	580.00	2,900.00
30.	Underdrain, Subgrade, 4 inch	3,650	Ft	11.00	40,150.00	13.00	47,450.00	12.00	43,800.00
31.	_Pop-Up Emitter, Storm Drain, Residential	2	Ea	584.00	1,168.00	60.00	120.00	50.00	100.00
32.	HMA Surface, Rem	4,850	Syd	1.65	8,002.50	4.00	19,400.00	5.00	24,250.00
33.	HMA, 4E1	860	Ton	105.00	90,300.00	110.00	94,600.00	130.00	111,800.00
34.	HMA, 5E1	570	Ton	115.00	65,550.00	120.00	68,400.00	130.00	74,100.00
35.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	100	Syd	65.00	6,500.00	81.00	8,100.00	72.00	7,200.00
36.	Lane Tie, Epoxy Anchored	50	Ea	10.00	500.00	9.00	450.00	8.00	400.00
37.	Driveway, Nonreinf Conc, 6 inch	825	Syd	50.50	41,662.50	60.00	49,500.00	54.00	44,550.00
38.	Driveway, Nonreinf Conc, 8 inch	75	Syd	60.00	4,500.00	70.00	5,250.00	63.00	4,725.00
39.	Curb and Gutter, Conc, Det F2	3,800	Ft	20.50	77,900.00	18.00	68,400.00	16.00	60,800.00
40.	Driveway Opening, Conc, Det M	100	Ft	25.50	2,550.00	18.00	1,800.00	16.00	1,600.00
41.	Detectable Warning Surface	100	Ft	40.00	4,000.00	40.00	4,000.00	35.00	3,500.00
42.	Sidewalk Ramp, Conc, 4 inch	1,000	Sft	7.50	7,500.00	9.00	9,000.00	8.00	8,000.00
43.	Sidewalk, Conc, 4 inch	120	Sft	6.00	720.00	6.50	780.00	6.00	720.00
44.	Sidewalk, Conc, 6 inch	50	Sft	7.00	350.00	8.00	400.00	7.00	350.00
45.	_Sidewalk Ramp, Conc, 8 inch	1,225	Sft	8.50	10,412.50	11.00	13,475.00	10.00	12,250.00
46.	_Traffic Control, Minor Street	1	LS	34,690.00	34,690.00	42,000.00	42,000.00	36,340.00	36,340.00
47.	_Proposed Trees	20	Ea	650.00	13,000.00	750.00	15,000.00	800.00	16,000.00
48.	Sodding	3,250	Syd	3.36	10,920.00	13.00	42,250.00	8.80	28,600.00
49.	Topsoil Surface, Furn, 3 inch	3,250	Syd	3.16	10,270.00	5.50	17,875.00	4.60	14,950.00
50.	Water, Sodding/Seeding	100	Unit	55.00	5,500.00	55.00	5,500.00	48.00	4,800.00
51.	_Staking First Row of Sod	3,500	Ft	0.43	1,505.00	2.00	7,000.00	1.00	3,500.00
52.	Water Shutoff, Adj, Case 1	1	Ea	951.01	951.01	900.00	900.00	800.00	800.00
53.	_Irrigation Pipe	1,600	Ft	3.00	4,800.00	5.50	8,800.00	7.00	11,200.00
54.	_Sprinkler Head	160	Ea	60.00	9,600.00	80.00	12,800.00	70.00	11,200.00



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 ALLARD AVENUE RECONSTRUCTION
 HARPER TO CHESTER
 AEW PROJECT NO. 0160-0433

Item No.	Description	Estimated Quantity	Units	Florence Cement Company		Asphalt Specialist LLC		Cadillac Asphalt, LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55.	_Sprinkler Head, Adj	20	Ea	60.00	1,200.00	55.00	1,100.00	70.00	1,400.00
56.	_Audio Visual Record of Construction Area	1	LS	840.00	840.00	1,000.00	1,000.00	840.00	840.00
57.	_Rubbish Pickup	1	LS	5,300.00	5,300.00	2,000.00	2,000.00	4,000.00	4,000.00
58.	_Curb and Gutter, Rem, Modified	100	Ft	46.00	4,600.00	22.00	2,200.00	100.00	10,000.00
59.	_Pavt Joint and Crack Repr, Def 7, Special	4,000	Ft	10.40	41,600.00	6.00	24,000.00	8.00	32,000.00
60.	_HMA Surface, Rem, Modified	1,000	Syd	43.00	43,000.00	11.00	11,000.00	12.00	12,000.00
61.	_Hand Patching, Modified	335	Ton	124.00	41,540.00	135.00	45,225.00	100.00	33,500.00
62.	_Curb and Gutter, Conc, Det F2, Modified	100	Ft	30.00	3,000.00	40.00	4,000.00	35.00	3,500.00
TOTAL AMOUNT BID				\$	979,779.79	\$	1,036,270.00	\$	1,059,900.00

* CORRECTED BY ENGINEER



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 ALLARD AVENUE RECONSTRUCTION
 HARPER TO CHESTER
 AEW PROJECT NO. 0160-0433

Item No.	Description	Estimated Quantity	Units	Gibraltar Construction Company		Pro-Line Asphalt Paving Corporation		ML Charter Excavating, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	_Reimbursed Permit Fees	1,000	Dlr	1.00	1,000.00	1.00	1,000.00	1.00	1,000.00
2.	Mobilization, Max 3%	1	LS	30,000.00	30,000.00	30,000.00	30,000.00	33,000.00	33,000.00
3.	Tree, Rem, 19 inch to 36 inch	7	Ea	1,560.00	10,920.00	2,000.00	14,000.00	1,910.00	13,370.00
4.	Tree, Rem, 37 inch or Larger	1	Ea	2,640.00	2,640.00	3,500.00	3,500.00	2,650.00	2,650.00
5.	Tree, Rem, 6 inch to 18 inch	9	Ea	270.00	2,430.00	250.00	2,250.00	689.70	6,207.30
6.	Dr Structure, Rem	17	Ea	850.00	14,450.00	450.00	7,650.00	747.50	12,707.50
7.	Sewer, Rem, Less than 24 inch	325	Ft	47.00	15,275.00	20.00	6,500.00	46.00	14,950.00
8.	Pavt, Rem	6,250	Syd	12.42	77,625.00	10.00	62,500.00	16.60	103,750.00
9.	Sidewalk, Rem	250	Syd	10.00	2,500.00	15.00	3,750.00	10.40	2,600.00
10.	_Station Grading	19	Sft	2,920.00	55,480.00	3,000.00	57,000.00	5,130.00	97,470.00
11.	_Subgrade Undercutting, Modified	250	Cyd	70.00	17,500.00	30.00	7,500.00	55.90	13,975.00
12.	_Subgrade Undercutting, Special	150	Cyd	80.00	12,000.00	30.00	4,500.00	70.30	10,545.00
13.	Erosion Control, Inlet Protection, Fabric Drop	17	Ea	150.00	2,550.00	100.00	1,700.00	131.00	2,227.00
14.	Aggregate Base, 6 inch	110	Syd	11.00	1,210.00	17.00	1,870.00	22.40	2,464.00
15.	Aggregate Base, 11 inch	5,900	Syd	14.60	86,140.00	15.00	88,500.00	16.90	99,710.00
16.	Maintenance Gravel	500	Ton	25.00	12,500.00	30.00	15,000.00	45.40	22,700.00
17.	Sewer, CIV, 12 inch, Tr Det B	325	Ft	66.00	21,450.00	90.00	29,250.00	115.50	37,537.50
18.	Sewer, CIV, 15 inch, Tr Det B	8	Ft	150.00	1,200.00	95.00	760.00	149.00	1,192.00
19.	_Sewer, Sch 40 PVC, 10 inch, Tr Det B	6	Ft	150.00	900.00	135.00	810.00	198.00	1,188.00
20.	_Sewer Connection, 10 inch	1	Ea	500.00	500.00	325.00	325.00	849.00	849.00
21.	_Sewer Connection, 15 inch	2	Ea	600.00	1,200.00	450.00	900.00	890.00	1,780.00
22.	Dr Structure Cover, Adj. Case 1	2	Ea	900.00	1,800.00	420.00	840.00	912.00	1,824.00
23.	Dr Structure Cover, Adj. Case 2	2	Ea	750.00	1,500.00	325.00	650.00	611.00	1,222.00
24.	Dr Structure, 24 inch dia	7	Ea	1,500.00	10,500.00	1,300.00	9,100.00	2,020.00	14,140.00
25.	Dr Structure, 48 inch dia	2	Ea	2,500.00	5,000.00	1,900.00	3,800.00	3,055.00	6,110.00
26.	_Catch Basin Cover, Restricted, GPW	14	Ea	771.00	10,794.00	655.00	9,170.00	627.00	8,778.00
27.	_Dr Structure, 36 inch dia	7	Ea	1,700.00	11,900.00	1,600.00	11,200.00	2,352.00	16,464.00



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 ALLARD AVENUE RECONSTRUCTION
 HARPER TO CHESTER
 AEW PROJECT NO. 01.60-0433

Item No.	Description	Estimated Quantity	Units	Gibraltar Construction Company		Pro-Line Asphalt Paving Corporation		ML Chartier Excavating, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
28.	_External Structure Wrap, 18 inch	21	Ea	1,000.00	21,000.00	370.00	7,770.00	386.00	8,106.00
29.	_Storm Manhole Cover, GPW	5	Ea	720.00	3,600.00	650.00	3,250.00	608.00	3,040.00
30.	Underdrain, Subgrade, 4 inch	3,650	Ft	16.00	58,400.00	15.00	54,750.00	13.20	48,180.00
31.	_Pop-Up Emitter, Storm Drain, Residential	2	Ea	150.00	300.00	165.00	330.00	348.00	696.00
32.	HMA Surface, Rem	4,850	Syd	2.31	11,203.50	4.00	19,400.00	5.95	28,857.50
33.	HMA, 4E1	860	Ton	123.00	105,780.00	100.00	86,000.00	107.00	92,020.00
34.	HMA, 5E1	570	Ton	131.00	74,670.00	110.00	62,700.00	116.40	66,348.00
35.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	100	Syd	72.00	7,200.00	72.00	7,200.00	69.00	6,900.00
36.	Lane Tie, Epoxy Anchored	50	Ea	10.00	500.00	8.00	400.00	10.50	525.00
37.	Driveway, Nonreinf Conc, 6 inch	825	Syd	54.00	44,550.00	54.00	44,550.00	53.60	44,220.00
38.	Driveway, Nonreinf Conc, 8 inch	75	Syd	72.00	5,400.00	63.00	4,725.00	63.50	4,762.50
39.	Curb and Gutter, Conc, Det F2	3,800	Ft	19.00	72,200.00	16.00	60,800.00	21.70	82,460.00
40.	Driveway Opening, Conc, Det M	100	Ft	22.00	2,200.00	16.00	1,600.00	27.00	2,700.00
41.	Detectable Warning Surface	100	Ft	50.00	5,000.00	35.00	3,500.00	42.50	4,250.00
42.	Sidewalk Ramp, Conc, 4 inch	1,000	Sft	7.00	7,000.00	8.00	8,000.00	8.00	8,000.00
43.	Sidewalk, Conc, 4 inch	120	Sft	7.00	840.00	6.00	720.00	6.30	756.00
44.	Sidewalk, Conc, 6 inch	50	Sft	8.00	400.00	7.00	350.00	7.40	370.00
45.	_Sidewalk Ramp, Conc, 8 inch	1,225	Sft	10.00	12,250.00	10.00	12,250.00	9.00	11,025.00
46.	_Traffic Control, Minor Street	1	LS	30,000.00	30,000.00	85,000.00	85,000.00	26,490.00	26,490.00
47.	_Proposed Trees	20	Ea	525.00	10,500.00	400.00	8,000.00	727.00	14,540.00
48.	Sodding	3,250	Syd	3.36	10,920.00	5.50	17,875.00	10.60	34,450.00
49.	Topsoil Surface, Furn, 3 inch	3,250	Syd	3.16	10,270.00	3.50	11,375.00	6.35	20,637.50
50.	Water, Sodding/Seeding	100	Unit	55.00	5,500.00	0.01	1.00	10.65	1,065.00
51.	_Staking First Row of Sod	3,500	Ft	0.43	1,505.00	0.50	1,750.00	3.80	13,300.00
52.	Water Shutoff, Adj, Case 1	1	Ea	500.00	500.00	250.00	250.00	694.00	694.00
53.	_Irrigation Pipe	1,600	Ft	8.00	12,800.00	4.00	6,400.00	3.20	5,120.00
54.	_Sprinkler Head	160	Ea	70.00	11,200.00	45.00	7,200.00	63.50	10,160.00



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 ALLARD AVENUE RECONSTRUCTION
 HARPER TO CHESTER
 AEW PROJECT NO. 0160-0433

Item No.	Description	Estimated Quantity	Units	Gibraltar Construction Company		Pro-Line Asphalt Paving Corporation		ML Chartier Excavating, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55.	_Sprinkler Head, Adj	20	Ea	50.00	1,000.00	1.00	20.00	63.50	1,270.00
56.	_Audio Visual Record of Construction Area	1	LS	1,225.00	1,225.00	1,000.00	1,000.00	1,065.00	1,065.00
57.	_Rubbish Pickup	1	LS	3,000.00	3,000.00	1,500.00	1,500.00	2,740.00	2,740.00
58.	_Curb and Gutter, Rem, Modified	100	Ft	30.00	3,000.00	50.00	5,000.00	55.30	5,530.00
59.	_Pavt Joint and Crack Repr, Det 7, Special	4,000	Ft	8.00	32,000.00	20.00	80,000.00	5.30	21,200.00
60.	_HMA Surface, Rem, Modified	1,000	Syd	23.00	23,000.00	33.00	33,000.00	23.40	23,400.00
61.	_Hand Patching, Modified	335	Ton	240.00	80,400.00	225.00	75,375.00	159.00	53,265.00
62.	_Curb and Gutter, Conc, Det F2, Modified	100	Ft	40.00	4,000.00	35.00	3,500.00	31.80	3,180.00
TOTAL AMOUNT BID				\$	1,084,277.50	\$	1,089,566.00	\$	1,181,732.80

* CORRECTED BY ENGINEER