

MEMO 21-58

RECEIVED  
OCT 29 2021  
CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

TO: Bruce Smith, City Administrator  
FROM: Frank Schulte, Director of Public Services *FS*  
DATE: October 27, 2021  
SUBJECT: Engineering Related to June 25 Rain Event

On Friday, June 25, 2021 to Saturday, June 26, 2021, Grosse Pointe Woods had a historic rain event. Rain levels were recorded at approximately six inches, which is greater than a 1,000-year flood event. The city's engineering firm, Anderson, Eckstein and Westrick, Inc. (AEW) assisted with the initial investigation of the flood event per Administration's request. This included several meetings, evaluation of the occurrence, organizing and presenting at the Town Hall Meeting for our residents on July 15, 2021, mapping the reported rainfall pattern affects and flooding locations to the GIS system, detailed analysis of the Torrey Road Pump Station and the city's sewer system, and preparation of a Sewer System Evaluation Strategy and Budget.

Attached is an invoice in the amount of \$23,706.50 for costs incurred to date as a result of the June 25 Rain Event.

I am requesting City Council to approve the Initial Investigation of the June 25 Event from Anderson, Eckstein and Westrick, Inc., 51301 Schoenherr Rd., Shelby Twp., MI 48315, in the amount of \$23,706.50.

This is not a budgeted item in the 2021/2022 fiscal year budget and requires a budget amendment from the Water/Sewer Fund Balance account no. 592-000-697.000 into the water/sewer contractual services account no. 592-537-818.000 in the amount of \$23,706.50.

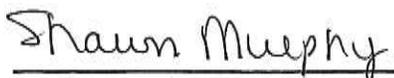
I do not believe any benefit will accrue to the City by seeking further bids. Approved for Council consideration.

  
\_\_\_\_\_  
Bruce Smith, City Administrator

10/28/2021  
Date

Fund Certification:

Account numbers and amounts have been verified as presented.

  
\_\_\_\_\_  
Shawn Murphy, Treasurer/Comptroller

10-28-2021  
Date



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

22000 Woodward Avenue, Suite 200, Ferndale, MI 48222  
313.271.1100 Fax: 313.271.1101  
www.aewi.com

## MEMORANDUM

**TO:** Frank Schulte, Director of Public Services

**FROM:** Scott Lockwood, PE, City Engineer

**DATE:** October 27, 2021

**SUBJECT:** Authorization for Engineering Related to June 25 Rain Event

Attached please find an invoice \$23,706.50 for costs incurred as a result of the June 25 Rain Event. Tasks in the invoice include but are not limited to:

- Evaluation of the occurrence on June 25 and presentation at the July 15 Town Hall Meeting
- Updates to the GIS system to incorporate reported flooding locations.
- Several meetings with City administration and officials and public agencies including Southeast Macomb Sanitary District (SEMSD), Great Lakes Water Authority (GLWA) and the Federal Emergency Management Administration (FEMA).
- Detailed analysis of the City's sewer system including all trunk sewers, interconnections, past sewer televising, rehabilitation and the Torrey Road Pump Station.
- Preparation of a Sewer System Evaluation Strategy and Budget

Please contact me with any questions or comments.

M:\0160\0160-0444\Gen\Letters\Authorization for engineering related to June 25 event.docx



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

**INVOICE**

October 27, 2021  
 Project No: 0160-0444-0  
 Invoice No: 0133912

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

Project 0160-0444-0 JUNE 25 RAIN EVENT & FLOODING CLAIMS

Professional Services from June 26, 2021 to October 24, 2021

Professional Personnel

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	42.00	108.20	4,544.40	
LICENSED ENG/SUR/ARC	2.80	108.20	302.96	
ENGINEERING AIDE I	7.00	58.80	411.60	
SENIOR PROJECT ENGINEER	5.70	108.20	616.74	
SECRETARIAL				
SECRETARIAL	.50	34.70	17.35	
PRELIMINARY ENGINEERING				
TEAM LEADER	3.00	87.70	263.10	
CONTRACT ADMINISTRATION				
GRADUATE ENG/SUR/ARC	2.00	87.70	175.40	
MEETINGS				
PRINCIPAL ENGINEER	25.00	108.20	2,705.00	
TEAM LEADER	2.00	87.70	175.40	
SENIOR PROJECT ENGINEER	3.00	108.20	324.60	
GENERAL				
LICENSED ENG/SUR/ARC	91.50	108.20	9,900.30	
BASE MAPS				
GRADUATE ENG/SUR/ARC	23.50	87.70	2,060.95	
REVISIONS				
GRADUATE ENG/SUR/ARC	13.00	87.70	1,140.10	
GIS UPDATES				
GRADUATE ENG/SUR/ARC	9.00	87.70	789.30	
ENGINEERING AIDE III	3.80	73.50	279.30	
Totals	233.80		23,706.50	
<b>Total Labor</b>				<b>23,706.50</b>
				<b>Total this Invoice \$23,706.50</b>