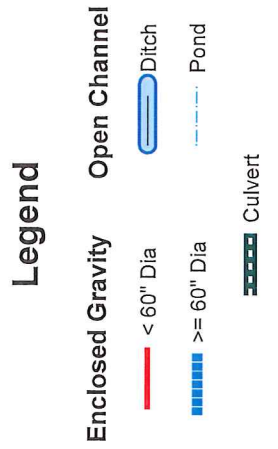
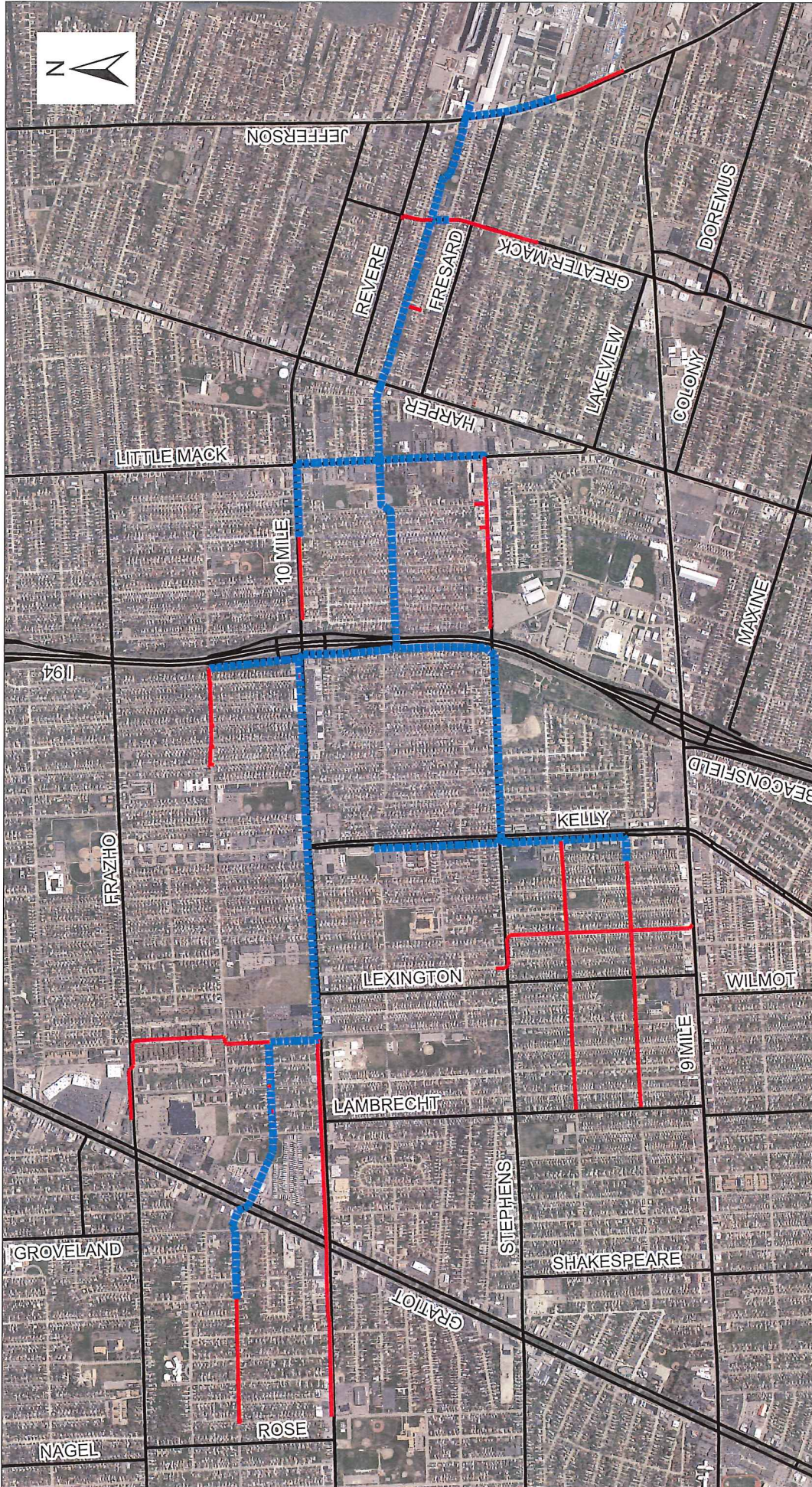


Miller  
Santo  
Klinefelt

STEPHENS RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
MAY 14, 2018  
10:30 A.M.  
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for May 14, 2018	
3. Approval of Minutes for April 9, 2018	3
4. Public participation	
5. Project Update – Jeff Bednar	5
6. Consideration for approval of invoice (see attached)	13
7. Financial Report – Bruce Manning	15
8. Adjourn	

# STEPHENS RELIEF DRAIN EASTPOINTE/ROSEVILLE/ST CLAIR SHORES



Drain Length (Feet/Miles):  
63,245.55 / 11.98



An adjourned meeting of the Intra-County Drainage Board for the **STEPHENS RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on April 9, 2018, at 11:01 A.M.

PRESENT: Candice Miller, Chair  
Veronica Klinefelt, Member

ABSENT: Bryan Santo, Member

ALSO PRESENT: Robert Mijac, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Vincent Astorino, Operations & Flow Manager, Evans Bantios, P.E., Construction and Maintenance Manager, Jeff Bednar, P.E. Environmental Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Financial Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Stephen Saph, Nickel & Saph, Inc.

The meeting was called to order by the Chair, Candice Miller. The agenda was approved as presented.

Minutes of the meeting of March 12, 2018 were presented. A motion was made by Ms. Klinefelt, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 2  
NAYS: 0

The meeting was opened to public participation, then closed, there being no comments from the public.

A progress meeting will be held with Fishbeck, Thompson, Carr & Huber on April 19, 2018. District delineation will be performed by Ms. Hissong, Fahey, Schultz, Burzych, Rhodes, PLC to determine if all assets in the Stephens Relief Drain have been accounted for.

A motion was made by Ms. Klinefelt, supported by Ms. Miller to receive and file the project update given by Mr. Bednar.

Adopted: YEAS: 2  
NAYS: 0

The Chair presented the invoice totaling \$6,926.50 to the board for review and approval.

A motion was made by Ms. Klinefelt, supported by Ms. Miller to approve the invoice as presented.

Adopted: YEAS: 2  
NAYS: 0

A motion to receive and file the financial report given by Mr. Manning was made by Ms. Klinefelt and supported by Ms. Miller.

Adopted: YEAS: 2  
NAYS: 0

There being no further business, it was moved by Ms. Klinefelt, supported by Ms. Miller, that the meeting of the Stephens Relief Drain Board be adjourned.

Adopted: YEAS: 2  
NAYS: 0

The meeting was adjourned at 11:08 a.m.

  
\_\_\_\_\_  
Candice S. Miller, Chair  
Macomb County Public Works Commissioner

STATE OF MICHIGAN  
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on April 9, 2018, the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.

  
\_\_\_\_\_  
Candice S. Miller, Chair  
Macomb County Public Works Commissioner

DATED: 4/11/18

9208.bd

# MEMO

**TO:** Mr. Jeff Bednar, PE - Office of the Macomb County Public Works Office

**FROM:** Maria E. Sedki, PE

**DATE:** April 25, 2018

**PROJECT NO.:** 130737

**RE:** Stephens Relief Drain SAW Invoice

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The following is a summary of work performed through April 20, 2018:

Task G130737PM: Project Management

Work during this period included:

- Previous Invoice and Memo

Task G130737GI: GIS Coordination/GPS Manholes

Work during this period included:

- Continued updating GIS database with inspection review information

Task G130737IN: Inspection

Work during this period included:

- Finalized Draft drain maintenance program.
- Finalized Draft Rehabilitation/repair options and associated costs to all needed assets.
- Finalized Draft BRE Spreadsheet and Draft 20-year Capital Improvement Plan (CIP).
- Attended Progress Meeting with MCPWO Staff to go over status to date, draft findings and recommendations, budget and schedule.
- Began work on Draft Asset Management Report

# MEMO

**TO:** Mr. Jeff Bednar, PE – Macomb County Public Works Office

**FROM:** Ms. Maria Sedki, PE

**DATE:** May 1, 2018

**PROJECT NO.:** 130666/130737

**RE:** 11 1/2 Mile Relief Drain Stormwater, Asset Management, and Wastewater (SAW) Grant  
Stephens Relief Drain SAW Grant

Per our Progress Meeting on April 19, 2018, the following is a summary of the items found during the manhole inspection and sewer televising of both the 11 1/2 Mile Relief Drain and the Stephens Relief Drain that MCPWO staff can perform in-house:

## 11 1/2 Mile Relief Drain

### 1. Pipes

#### a. Pipe Segment 097M047-097M046:

There is a large manhole cone section approximately 2.5 feet upstream from Manhole 097M046 that needs to be removed.



2. Manholes and Catch Basins

a. Manhole 097M061:

The manhole has a "St. Clair Shores Sanitary" cover on it that needs to be replaced.



b. Manhole 097M298:

The manhole has a cracked cover that needs to be replaced.



- c. Catch Basin 097C215:  
Damaged catch basin casting at the southwest corner of Waverly Street and Northview Street that needs to be repaired.



### Stephens Relief Drain

- 1. Pipes
  - a. None.
- 2. Manholes and Catch Basins
  - a. Manhole 381M088:  
The manhole has a damaged frame. The manhole is located within the Michigan Department of Transportation (MDOT) right-of-way.





b. Manhole 381M092:

The manhole has a damaged frame. The manhole is located within the MDOT right-of-way.



c. Manhole 381M135:

The manhole has a damaged frame. The manhole is located within the MDOT right-of-way.



- d. Manhole 381M136:  
The manhole is damaged and is located within the MDOT right of way.



- e. Manhole 381M146:  
The manhole has a "St. Clair Shores Sanitary" cover on it that needs to be replaced.





f. Manhole 381M148:

The manhole has a large encrustation deposit at the 12-inch pipe at approximately the 8 o'clock position (with 12 o'clock being north) that needs to be removed.



g. Manhole 381M167:

The manhole has sandbags located within it that should be removed.





h. Manhole 381M191:

The manhole has a damaged frame. The manhole is located within the MDOT right-of-way.



nac

By email

STEPHENS RELIEF DRAIN - MAY 14, 2018

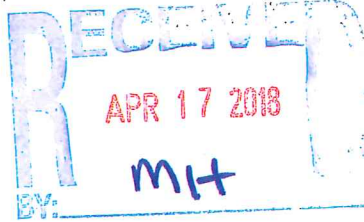
Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Grant Balance
Stephens Relief Drain	Chapter 20 Macomb Co. - 6.72% Eastpointe - 30.68% Roseville - 26.55% St. Clair Shores - 22.83%  SAW Grant 1182-01 (Closing date 10/1/18)	Bednar	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 12,734.00	Invoice #373814 - 4/4/18 Engineering Services - ending 3/23/18	Project Management, GIS Coordination/GPS Manholes, Inspection	\$ 114,161.65
<b>Total</b>				\$ 12,734.00			



Fishbeck, Thompson, Carr & Huber, Inc.  
 engineers | scientists | architects | constructors  
 Federal I.D. No. 38-1841857 | Incorporated

**Payment Options**

Remit Wire/ACH payments to Acct: 100094457 ABA: 072413829  
 Remit checks to: 1515 Arboretum Drive, SE | Grand Rapids, Michigan 49546



Attention: Jeffrey H. Bednar PE CFM  
 Macomb County Public Works Commissioner  
 21777 Dunham Road  
 Clinton Township, MI 48036  
 United States

Invoice: 373814  
 Invoice Date: 4/4/2018  
 Project: 130737  
 Project Name: Macomb Co PW/Stephen Saw  
 Grant  
 Bill Term: 1

**For Professional Services Rendered Through 3/23/2018**

GI - Macomb Co Pw/Stephen Saw Gps		3,082.00
Rate Labor	3,082.00	
IN - Macomb Co Pw/Stephen Saw Insp		9,565.00
Rate Labor	9,565.00	
PM - Macomb Co Pw/Stephen Saw Mngmt		87.00
Rate Labor	87.00	
	<b>Current Billings</b>	<u>12,734.00</u>
	<b>Amount Due This Bill</b>	<u>12,734.00</u>

SAW 1182-01

Chg: Stephens Relief

Date	4-18-18
Chief Engineer	AB
Engineer(s)	JS
Manager(s)	
Coordinator(s)	BD
Finance Officer	HKM

PA039146 80320

Staff 5-1-18  
 Board 5-14-18

(Grant funds remaining)  
 \$114,161.65

YTD Trial Balance

Fund: Stephens Relief

As of Fiscal Period: Oct 1, 2017-April 30, 2018

	O&M Balance 9/30/2017	O&M	Total 4/30/2018
Cash - Operating	46,137	1,087	47,224
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		1,087	1,087
Expenditures			0
Equity	46,137		47,224

NOTES

	Grant	Match	Total
SAW 1182-01	637,366	70,819	708,185
YTD	(525,096)	(58,344)	(583,440)
Remaining	112,270	12,475	124,745