

Miller  
Santo  
Klinefelt

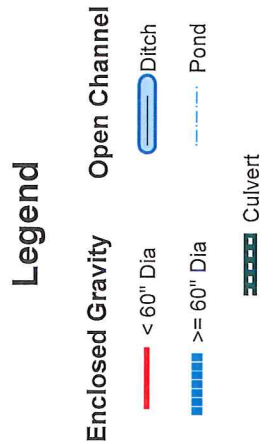
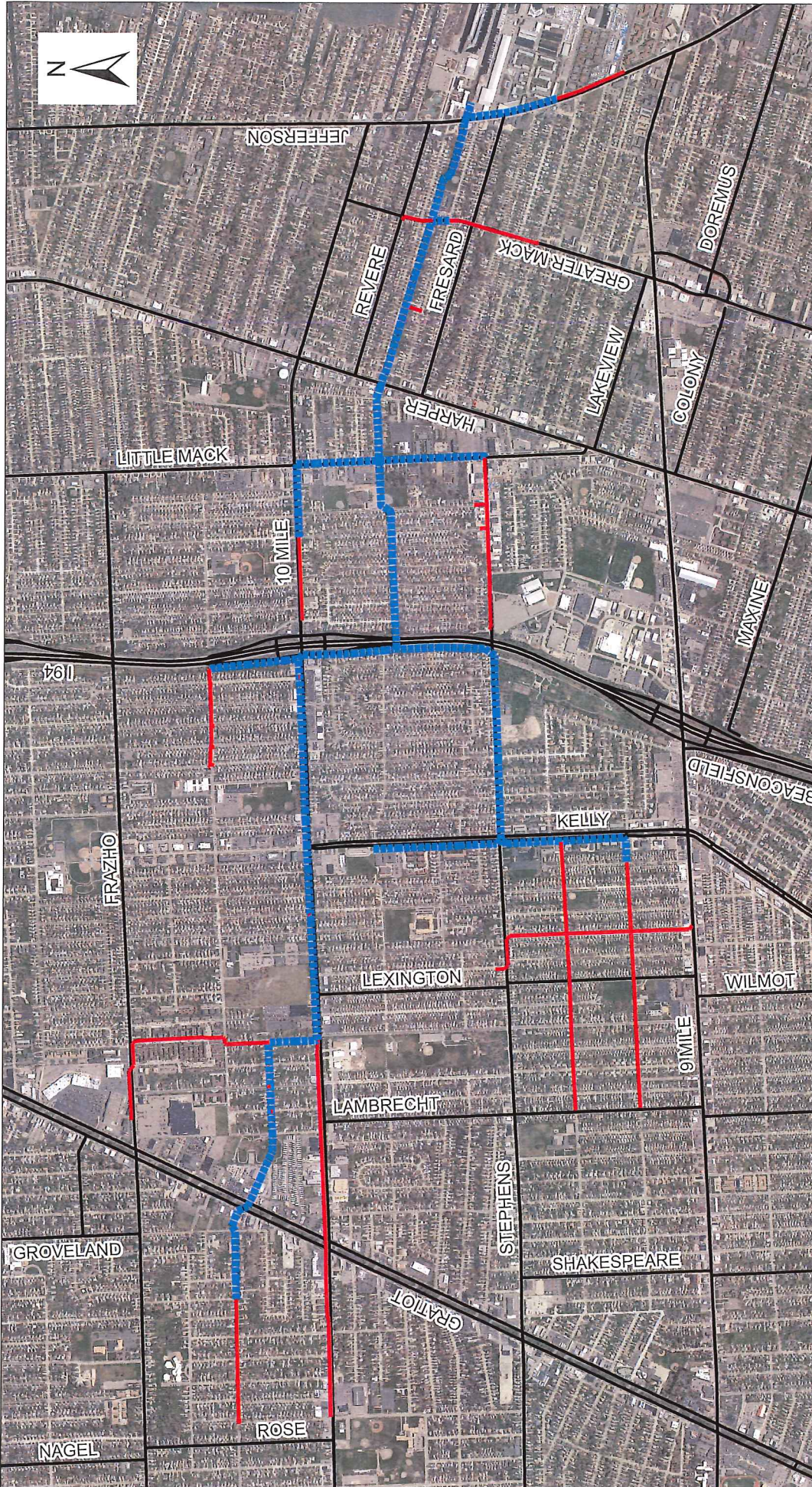
STEPHENS RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
NOVEMBER 13, 2017  
10:00 A.M.  
AGENDA

Page No.

1. Call of meeting to order and roll call
2. Approval of Agenda for November 13, 2017
3. Approval of Minutes for September 11, 2017 3
4. Public participation
5. Progress Report – Jeff Bednar 5
6. Consideration for approval of invoice (see attached) 7
7. Financial Report – Bruce Manning 9
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 September 11, 2017, at 10:45 A.M.

PRESENT: Candice Miller, Chair  
Bryan Santo, Member  
Veronica Klinefelt, Member

ALSO PRESENT: Robert Mijac, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Keith Graboske, P.E., Chief Engineer, Vincent Astorino, Operations & Flow Manager, Jeff Bednar, Environmental Engineer II, Dan Heaton, Public Relations Manager, Richard Ives, Community Wastewater Services Manager, Tom Stockel, Construction Engineer, Bruce Manning, Financial Manager, Denise Harwood, Accountant, Barbara Delecke, Administrative Services, Macomb County Public Works; Jared Beaudoin, City of Sterling Heights

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

Minutes of the meeting of July 10, 2017 were presented and approved on a motion by Ms. Klinefelt, supported by Mr. Santo and unanimously carried.

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

The Chair presented the invoice totaling \$2,956.50 to the board for review and approval.

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

Ayes: Klinefelt, Santo, Miller  
Nays: None

Motion approved.

A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo, supported by Mr. Klinefelt and unanimously carried.

The meeting was adjourned at 10:46 a.m. on a motion by Ms. Klinefelt, seconded by Mr. Santo, and unanimously approved.

  
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 September 11, 2017, 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: 9/13/17

8900.bd



# MONTHLY PROGRESS REPORT

**TO:** Ms. Candice Miller – Macomb County Public Works Commissioner  
Mr. Keith Graboske, PE – Office of the Macomb County Public Works Commissioner (OMCPWC)

**FROM:** Mr. Brian L. McKissen, PE – Fishbeck, Thompson, Carr & Huber, Inc. (FTCH)

**DATE:** October 3, 2017 **PROJECT NO.:** G130666 and G130737

**RE:** 11 1/2 Mile Relief Drain and Stephens Relief Drain Stormwater, Asset Management, and Wastewater (SAW) Grant  
Report Period – September 4, 2017 to October 1, 2017

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The following is a summary of work completed to date, and the anticipated work for the next month:

## Work accomplished during the report period:

1. Field Inspections
  - a. FTCH field staff collected the locations of the remaining manholes and catch basins using the Global Positioning System (GPS) for the 11 1/2 Mile Relief Drain.
  - b. Doetsch Environmental installed the bulkhead and dewatered the 11 1/2 Mile Relief Drain for television inspection.
  - c. Doetsch Environmental completed the television inspection for the remaining sections of the 11 1/2 Mile Relief Drain.
  - d. Doetsch Environmental collected six water samples from laterals into the drain. The samples were analyzed by Chapaton staff and no evidence of sanitary connections were found. This work was done independently of the SAW Grant.

## Anticipated work items for the upcoming report period:

1. Field Inspections
  - a. FTCH will begin survey of the remaining manholes and catch basins on the Stephens Relief Drain.
  - b. FTCH will begin inspection of the remaining manholes on the 11 1/2 Mile and Stephens Relief Drains.
  - c. Doetsch Environmental will install the bulkhead, dewater, and inspect the remaining sections of the Stephens Relief Drain.
  - e. Doetsch Environmental will collect water samples found entering the Stephens Relief Drain from laterals and have them analyzed at Chapaton. This work will be done independently of the SAW Grant.
2. Data Analysis
  - a. FTCH to continue updating the GIS database with the information found during sewer televising and manhole inspection.
  - b. FTCH to begin analyzing the results of the sewer inspections as Doetsch Environmental completes the work.

## Needed Information/Actions from MCPWC:

None.



nac

By email

cc: Mr. Brian Baker – OMCPWC  
Mr. Jeff Bednar, PE – OMCPWC  
Ms. Maria Sedki, PE – FTCH

STEPHENS RELIEF DRAIN - 11/13/17

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
Stephens Relief	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.	\$ 1,613.00	Invoice #370212 - 10/16/17 Engineering Services - ending 10/6/17	Project Management, GIS Coordination/GPS Manholes, Inspection	\$ 374,713.00 Plus 10% match requirement

Total \$ 1,613.00





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:** Keith Graboske  
**Macomb County Public Works Commissioner**  
 21777 Dunham Rd  
 Clinton Township, MI 48036  
 United States

**Invoice:** 370212  
**Invoice Date:** 10/16/2017  
**Project:** 130737  
**Project Name:** Macomb Co PW/Stephen Saw Grant  
**Bill Term:** 1

**For Professional Services Rendered Through 10/6/2017**

GI - Macomb Co Pw/Stephen Saw Gps	890.00
<i>Rate Labor</i>	890.00
IN - Macomb Co Pw/Stephen Saw Insp	375.00
<i>Rate Labor</i>	375.00
PM - Macomb Co Pw/Stephen Saw Mngmt	348.00
<i>Rate Labor</i>	348.00

**Current Billings** 1,613.00  
**Amount Due This Bill** 1,613.00

#0123

Chg: Stephen Rlf

SAW1182-01

Date	9.30.17
Chief Deputy	_____
Engineer(s)	hs
Manager(s)	_____
Coordinator(s)	_____
Finance Officer	_____

PA 037490 80300

Staff 11-7-17  
 Board 11-13-17



YTD Trial Balance

Fund: Stephens Relief

As of Fiscal Period: Oct 1, 2017-Oct 31, 2017

	O&M Balance 9/30/2017	O&M	Total 10/31/2017
Cash - Operating	47,606	10	47,616
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		10	10
Expenditures			0
Equity	47,606		47,616

NOTES

	Grant	Match	Total
SAW 1182-01	637,366	70,819	708,185
YTD	(262,653)	(29,184)	(291,837)
Remaining	374,713	41,635	416,348