

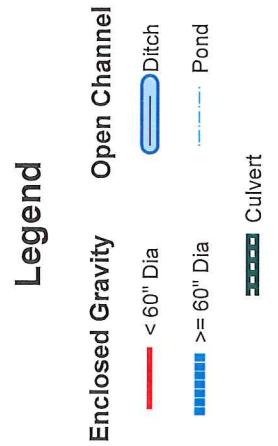
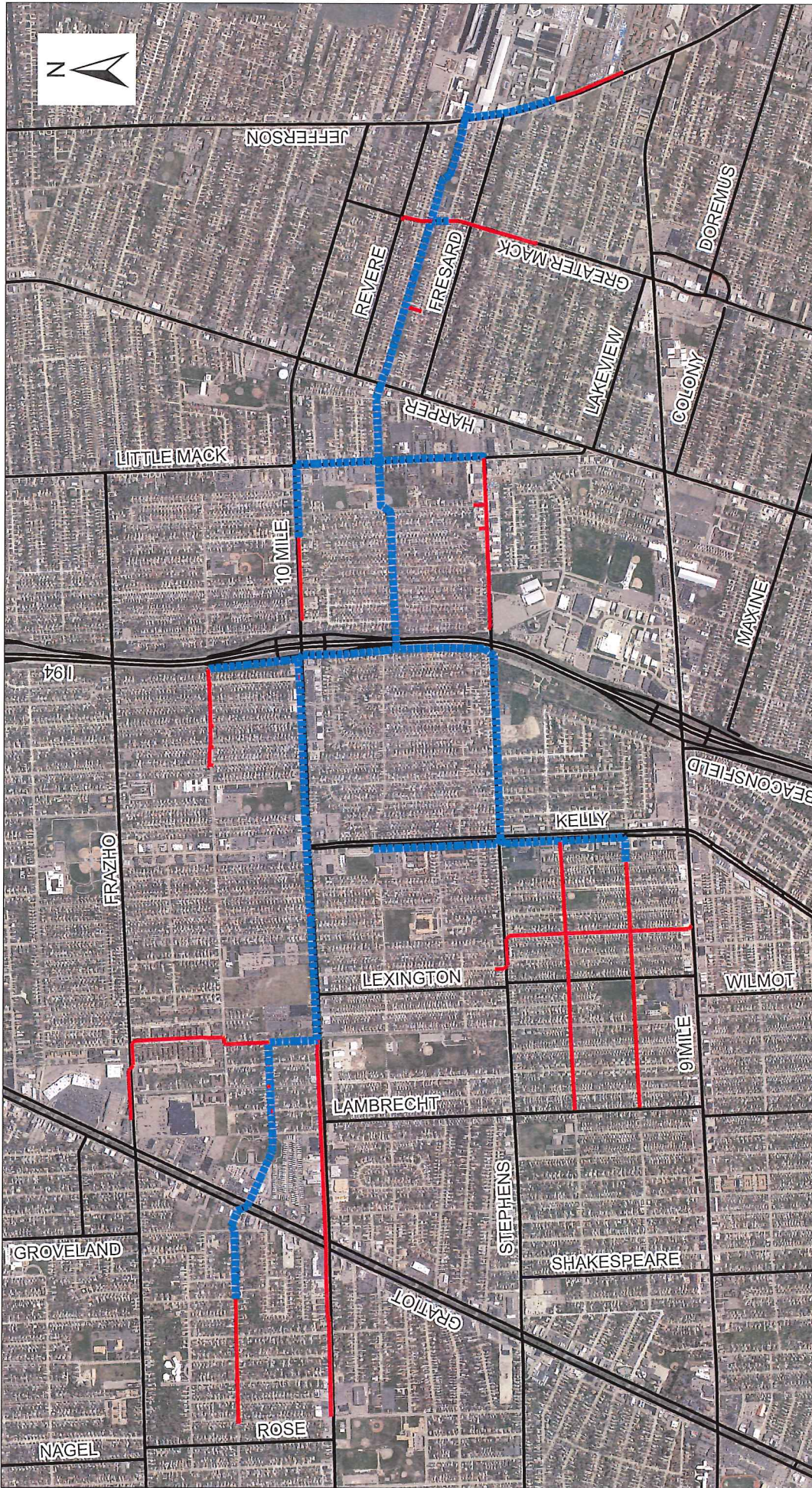
Miller
Santo
Klinefelt

STEPHENS RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
DECEMBER 12, 2017
10:00 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for December 12, 2017	
3. Approval of Minutes for November 13, 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	10
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 November 13, 2017, at 10:05 A.M.

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

ALSO PRESENT: Joseph Romano, 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, Dan Heaton, Public Relations Manager, Jeff Bednar, P.E., Environmental Engineer II, Tom Stockel, Construction Engineer, Bruce Manning, Financial Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Ben Aloia, Aloia & Associates; John Walters, Finance Manager, City of Roseville

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

Minutes of the meeting of September 11, 2017 were presented. A motion was made by Ms. Klinefelt, supported by Mr. Santo to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

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

The field inspection portion of the grant is complete. No new illicit connections along the Stephens Relief Drain have been reported. Fishbeck, Thompson, Carr & Huber (FTC&H) is collecting data on a few manholes that will be entered into GIS and is also reviewing field data for any structural problems or maintenance needs.

A motion was made by Ms. Klinefelt, supported by Mr. Santo to receive and file the report given by Mr. Bednar.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoice totaling \$1,613.00 to the board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

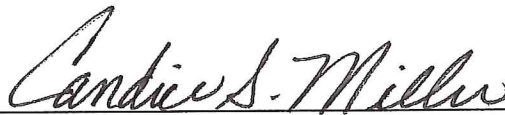
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo and supported by Ms. Klinefelt.

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 10:09 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 November 13, 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: 11/14/17

9003.bd



MONTHLY PROGRESS REPORT

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

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

DATE: December 1, 2017 **PROJECT NO.:** 130666/130737/171223

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

Report Period – October 2, 2017 to December 1, 2017

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 Stephens Relief Drain.
 - b. FTCH field staff surveyed all manholes and catch basins on the Hetchler Relief Drain using GPS.
 - c. Doetsch Environmental, Inc. (Doetsch) installed the bulkhead and dewatered the Stephens Relief Drain for television inspection.
 - d. Doetsch completed the television inspection for the remaining sections of the Stephens Relief Drain.
 - e. Doetsch installed the bulkhead and dewatered the Hetchler Relief Drain for television inspection.
 - f. Doetsch completed the television inspection of the Hetchler Relief Drain.
 - g. Doetsch removed their equipment from all three drains and restored the sites.
1. Data Analysis
 - a. FTCH prepared an outfall screening form in spreadsheet format and had it approved by OMCPWC staff.
 - b. FTCH Geographic Information System (GIS) staff has been working on database naming convention cleanup and has begun linking television inspection videos and logs to the database.
 - c. FTCH continued review of the sewer televising data for all three drains

Anticipated work items for the upcoming report period:

2. Field Inspections
 - a. FTCH will begin inspection of the remaining manholes on the 11 1/2 Mile and Stephens Relief Drains.
 - b. FTCH will begin inspecting all the manholes in the Hetchler Relief Drain.
 - d. Doetsch will collect water samples previously observed entering the Stephens Relief Drain from laterals and have them analyzed at Chapaton. This work will be done independently of the SAW Grant.
 - e. Doetsch will collect water samples previously observed entering the Hetchler Relief Drain from laterals and have them analyzed at Chapaton. This work will be done independently of the SAW Grant.
3. Data Analysis
 - a. FTCH to continue updating the GIS database with the information found during sewer televising and manhole inspection.



- b. FTCH to continue analyzing the results of the sewer inspections completed by Doetsch.
- c. FTCH to complete the outfall screening form spreadsheet through the review of the television inspection reports and videos.
- d. FTCH to determine the Business Risk Exposure (BRE) for all three drains.
- e. FTCH and Doetsch to meet with OMCPWC to review draft results of the inspection of all three drains

Needed Information/Actions from OMCPWC:

None.

nac

By email

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

STEPHENS RELIEF DRAIN - 11/13/17

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Stephens Relief	Chapter 20 Macomb Co. - 6.72% Eastpointe - 30.68% Roseville - 26.55% St. Clair Shores - 22.83%	Bednar	Doetsch Environmental Services	\$ 242,987.56	Invoice #69843 - 10/31/17	CCTV Inspection	\$ 126,772.44 Plus 10% match requirement
	SAW Grant 1182-01 (Closing date 10/1/18)	Bednar	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 4,753.00	Invoice #371110 - 11/13/17 Engineering Services - ending 11/3/17	Project Management, GIS Coordination/GPS Manholes, Inspection	\$ 369,760.00 Plus 10% match requirement

Total \$ 247,740.56

DOETSCH ENVIRONMENTAL SERVICES

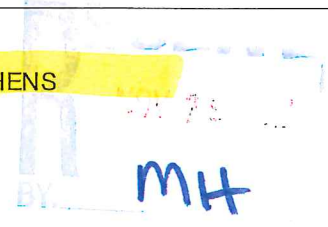
21221 Mullin Ave. Warren, MI 48089
 Phone: 586-755-2090 Fax: 586-755-2099
 www.doetschenv.com

Bill To:

MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM RD
 CLINTON TOWNSHIP, MI 48036

Ship to:

G130737-STEPHENS
 SAW GRANT



INVOICE DATE	INVOICE NUMBER	CUSTOMER PO	PAYMENT TERMS
Oct 31, 2017	69843	G130737-STEPHENS	Net 10 Days

4,230.90 SEWER INSPECTION	5.21 P/FOOT	CCTV INSPECTION < 60"	22,042.99
13,617.00 SEWER INSPECTION	5.21 P/FOOT	CCTV INSPECTION > 72"	70,944.57
1.00 DEWATERING	150,000.00	LOT	150,000.00

#0123

Chg: Stephen's Relief

Date	11.29.17
Chief Deputy	AB
Engineer(s)	TR5
Manager(s)	
Coordinator(s)	BO
Finance Officer	blm

SAW1182-01

PA-037928 7000

Staff 12.5.17
 Board 12.12.17

Check/Credit Memo

Total Invoice Amount
 Payment/Credit Applied
TOTAL

242,987.56

242,987.56



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

RECEIVED
NOV 15 2017
MH

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

Invoice: 371110
Invoice Date: 11/13/2017
Project: 130737
Project Name: Macomb Co PW/Stephen Saw Grant
Bill Term: 1

For Professional Services Rendered Through 11/3/2017

GI - Macomb Co Pw/Stephen Saw Gps		2,311.00
Rate Labor	2,311.00	
IN - Macomb Co Pw/Stephen Saw Insp		1,796.50
Rate Labor	1,796.50	
PM - Macomb Co Pw/Stephen Saw Mngmt		645.50
Rate Labor	645.50	
	Current Billings	4,753.00
	Amount Due This Bill	4,753.00

#0123

Chg: Stephen Rly

SAW 1182-01

Date	11.15.17
Chief Deputy	BO
Engineer (s)	hr
Manager	
Coordinator (s)	B
Finance Officer	btm

PA037809 80300

Staff 11-27-17
Board 12-12-17

YTD Trial Balance

Fund: Stephens Relief

As of Fiscal Period: Oct 1, 2017-Nov 30, 2017

	O&M Balance 9/30/2017	O&M	Total 11/30/2017
Cash - Operating	47,606	28	47,634
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		28	28
Expenditures			0
Equity	47,606		47,634

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