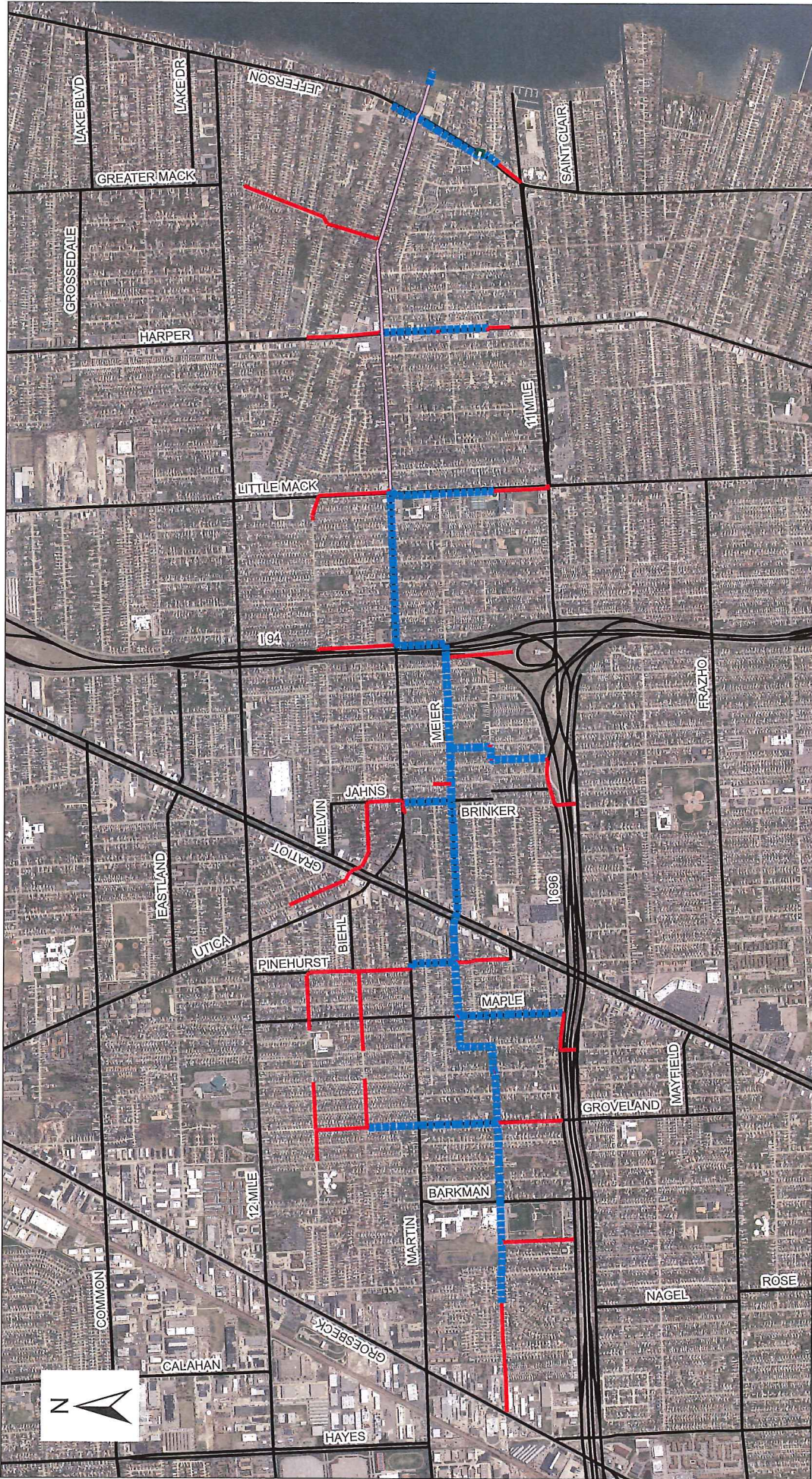


Miller
Santo
Tocco

ELEVEN AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
OCTOBER 16, 2017
10:30 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for October 16, 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)	6
7. Financial Report – Bruce Manning	7
8. Adjourn	

11 & 1/2 MILE RELIEF DRAIN ROSEVILLE/ST CLAIR SHORES



Drain Length (Feet/Miles):
64,387.97 / 12.19

Legend

Enclosed Gravity	Open Channel
— < 60" Dia	Ditch
— >= 60" Dia	Pond
— Multiple Pipes	Culvert

An adjourned meeting of the Intra-County Drainage Board for the **ELEVEN AND ONE-HALF MILE RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on September 11, 2017, at 10:02 A.M.

PRESENT: Candice S. Miller, Chair
Kathy Tocco, Member
Bryan Santo, Member

ALSO PRESENT: Veronica Klinefelt, Robert Mijac, Joseph Romano, 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, with the caveat that Ms. Tocco was not present, on a motion by Mr. Santo and supported by Ms. Miller.

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

A motion to receive and file the progress report update given by Ms. Miller was made by Mr. Santo, supported by Ms. Tocco and unanimously approved.

The Chair presented the invoice totaling \$10,938.00 to the board for review and approval.

Motion was made by Mr. Santo supported by Ms. Tocco to approve the invoice as presented.

Ayes: Santo, Tocco, Miller
Nays: None

Motion approved.

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

The meeting was adjourned at 10:10 a.m. on a motion by Ms. Tocco, 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: 9/12/17

8894.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

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.

11 1/2 MILE RELIEF DRAIN - 10/16/17

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
11 1/2 Mile Relief	Chapter 20 State of MI - 15.04% Macomb Co. - 5.79% Roseville - 51.13% St. Clair Shores - 28.04% Developer paid	Stockel	Lakeshore Senior Living, LLC	\$ 3,000.00	Return of As-built funds	Drain Improvements	

Total \$ 3,000.00

YTD Trial Balance

Fund: 11.5 Mile

As of Fiscal Period: Oct 1, 2016-Sept 30, 2017

	O&M Balance 9/30/2016	O&M	Total 9/30/2017
Cash - Operating	161,854	215,608	377,461
Accounts Receivable			0
Assets			0
Liabilities	162,824	(162,824)	(0)
Revenues		465,547	465,547
Expenditures		87,115	87,115
			0
Equity	(970)		377,461

<u>NOTES</u>	Grant	Match	Total
SAW 1133-01	773,941	85,994	859,935
YTD	(270,098)	(30,011)	(300,109)
Remaining	503,843	55,983	559,826