

Miller
Santo
Tocco

ELEVEN AND ONE-HALF MILE 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. Project Update – Jeff Bednar	5
6. Consideration for approval of invoices (see attached)	7
7. Financial Report – Bruce Manning	8
8. Adjourn	

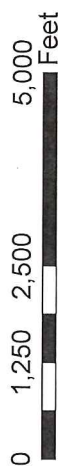
11 & 1/2 MILE RELIEF DRAIN

ROSEVILLE/ST CLAIR SHORES



Legend

- Enclosed Gravity**
 - < 60" Dia
 - ≥ 60" Dia
 - Multiple Pipes
- Open Channel**
 - Ditch
 - Pond
- Culvert



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



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 November 13, 2017, at 10:27 A.M.

PRESENT: Candice S. Miller, Chair
Kathy Tocco, Member
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, 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 October 16, 2017 were presented. A motion was made by Mr. Santo, supported by Ms. Tocco 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. Fishbeck, Thompson, Carr & Huber (FTC&H) found a potential illicit connection. There is a catch basin located next to a dumpster at a local fruit market. It is believed that the fruit market is putting rotten fruit into the catch basin. There is no record of the tap. A letter has been sent to the property owner informing him of same. Discussions will begin on how to correct the problem. All water samples taken during the inspection have had low e.coli counts. Sediment samples revealed only road debris.

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$21,412.00 to the board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

There being no further business, it was moved by Mr. Santo, supported by Ms. Tocco, that the meeting of the Eleven and One-half Mile Relief Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 10:30 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: 11/13/17

9005.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

11 1/2 MILE RELIEF DRAIN - 12/12/17

<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>
11 1/2 Mile Relief	Chapter 20 State of MI - 15.04% Macomb Co. - 5.79% Roseville - 51.13% St. Clair Shores - 28.04%	Bednar	Doetsch Environmental Services	\$ 329,359.63	Invoice #69786 - 9/30/17 - Final	CCTV Inspections & Dewatering	\$ 174,482.37
	SAW 1133-01 (Completion 10/1/2018)	Bednar	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 3,445.00	Invoice #371109 - 11/13/17 Engineering Services - ending 11/3/17	Project Management, GIS Coordination/GFS, Manholes & Inspections	\$ 493,109.45 Includes 10% match

Total . \$ 332,804.63

YTD Trial Balance

Fund: 11.5 Mile

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

	O&M Balance 9/30/2017	O&M	Total 11/30/2017
Cash - Operating	376,497		376,497
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues			0
Expenditures			0
			0
Equity	376,497		376,497

<u>NOTES</u>	Grant	Match	Total
SAW 1133-01	773,941	85,994	859,935
YTD	(576,182)	(64,020)	(640,202)
Remaining	197,759	21,974	219,733