

Miller
Santo
Leonetti

HETCHLER RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
MARCH 12, 2018
10:00 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for March 12, 2018	
3. Approval of Minutes for February 12, 2018	3
4. Public participation	
5. Project Update – Jeff Bednar	5
6. Consideration for approval of invoice (see attached)	7
7. Financial Report – Bruce Manning	8
8. Adjourn	

HETCHLER RELIEF ST CLAIR SHORES



Legend

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



Drain Length (Feet/Miles):
9,682.19 / 1.83



An adjourned meeting of the Intra-County Drainage Board for the **HETCHLER RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on February 12, 2018, at 10:29 A.M.

PRESENT: Candice Miller, Chair
Bryan Santo, Member
Robert Leonetti, Member

ALSO PRESENT: Robert Mijac, Joseph Romano, Marvin Sauger, Kathy Tocco, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Vincent Astorino, Operations & Flow Manager, Evans Bantios, P.E., Construction and Maintenance Manager, Jeff Bednar, Environmental Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Madison Tanghe, Senior Secretary, Macomb County Public Works

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

Minutes of the meeting of December 12, 2017 were presented. A motion was made by Mr. Leonetti, 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.

Mr. Bednar updated the board on the Hetchler Relief Drain inspection project. Field data has been collected and data will be reviewed in-house. Staff will also review including protocols for consequence of failure of the system and a business risk evaluation of what assets need work and the priority for completion. Additional information will be coming within the next few months.

Ms. Miller stated that funds for this project came from left over Lake St. Clair Water bonds from the 1980's.

A motion was made by Mr. Santo, supported by Mr. Leonetti to receive and file the project update as presented.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$7,589.34 to the board for review and approval.

A motion was made by Mr. Santo, supported by Mr. Leonetti, to approve the invoices as presented.

Adopted: YEAS: 3
NAYS: 0

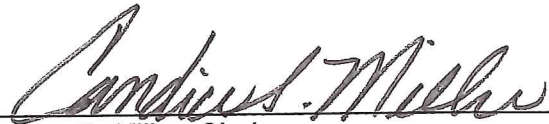
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo and supported by Mr. Leonetti

Adopted: YEAS: 3
NAYS: 0

There being no further business, it was moved by Mr. Santo, supported by Mr. Leonetti, that the meeting of the Hetchler Relief 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 taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on February 12, 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: 2/13/18



MONTHLY PROGRESS REPORT

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

FROM: Ms. Maria Sedki, PE – Fishbeck, Thompson, Carr & Huber, Inc. (FTCH)

DATE: February 28, 2018 **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 – February 1, 2018 to February 28, 2018

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. Data Analysis
 - a. FTCH located a suspicious connection to the 11 ½ Mile Drain and forwarded information to MCPWO Staff for further investigation
 - b. FTCH has populated the Business Risk Exposure (BRE) Spreadsheet with all the assets including manholes, catch basins, pipes, outlets, etc. for the 11 ½ Mile Relief Drain and Stephens Drain
 - c. FTCH has completed the Consequence of Failure (COF) scoring for the 11 ½ Mile Relief Drain and Stephens Drain
 - d. FTCH has completed the Probability of Failure (POF) scoring for the 11 ½ Mile and Stephens Relief Drains.
 - e. FTCH has completed populating the BRE Spreadsheet with the Remaining Useful Life for each asset.
 - f. FTCH has begun assigned rehabilitation options and associated costs where necessary.
 - g. FTCH has begun developing a maintenance program for the 11 ½ Mile and Stephens Relief Drains.

Anticipated work items for the upcoming report period:

1. Data Analysis
 - h. FTCH to assign replacement costs to all assets in the 11 ½ Mile and Stephens Relief Drains.
 - i. FTCH to finalize Draft Rehabilitation/repair options and associated costs to all assets in the 11 ½ Mile and Stephens Relief Drains.
 - j. FTCH to finalize Draft maintenance program to all assets in the 11 ½ Mile and Stephens Relief Drains.
 - a. FTCH to finalize BRE Spreadsheet and Draft 20 year Capital Improvement Plan (CIP) for the 11 ½ Mile and Stephens Relief Drains
 - b. FTCH to schedule a meeting with MCPWO staff to review results to date and discuss finalizing BRE and CIP spreadsheets for the 11 ½ Mile and Stephens Relief Drains.
 - c. FTCH to begin work on Draft SAW Reports for the 11 ½ Mile and Stephens Relief Drains.

Needed Information/Actions from OMCPWC:

1. Results of the investigation of the suspicious connection found to the 11 ½ Mile Drain

Bi-Weekly Progress Report – 11 1/2 Mile Relief Drain and Stephens Relief Drain SAW Grant
Hetchler Relief Drain Inspection
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February 28, 2018



nac
By email
cc: Mr. Brian Baker – MCPWO

HETCHLER RELIEF DRAIN - 3/12/18

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Hetchler Relief Drain	Chapter 20 St. Clair Shores - 100%	Bednar	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 1,892.00	Invoice #372589 - 2/5/18 Engineering Services - ending 1/26/18	Drain Inspection	\$ 3,714.00
Total				\$ 1,892.00			

YTD Trial Balance

Fund: Hetchler Relief

As of Fiscal Period: Oct 1, 2017-Feb 28, 2018

	O&M Balance 9/30/2017	O&M	Total 2/28/2018
Cash - Operating	172,544	(149,180)	23,364
Accounts Receivable			0
Assets			0
Liabilities		1,892	1,892
Revenues		85	85
Expenditures		151,157	151,157
Equity	172,544		21,472