

Miller
Santo
Leonetti

HETCHLER RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
DECEMBER 12, 2017
10:30 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 May 8, 2017	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



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

Legend

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

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 May 8, 2017, at 10:50 A.M.

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

ALSO PRESENT: Robert Mijac, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Emily Engleman, Administrative Assistant, Keith Graboske, P.E., Chief Engineer, Dan Heaton, Public Relations Manager, Vincent Astorino, Engineer II, Evans Bantios, Engineer II, Lynne Seymour, Environmental Engineer II, Thomas Stockel, Construction Engineer, Bruce Manning, Acting Financial Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Joe Nichols, Mayor, Fraser; Sermed Saif, Tri-County Engineering, representing Lenox Township; Benjamin Aloia, Aloia & Associates; Lou Urban, Anderson, Eckstein & Westrick, Inc.; Bryce Huffman, Michigan Radio; Jameson Cook, Macomb Daily; Christine Hall, Detroit Free Press; Amanda York, Representative Sander Levin's Office

The meeting was called to order by the Chair, Candice Miller. A motion was made by Mr. Leonetti, supported by Mr. Santo and unanimously carried to approve the agenda as presented.

Minutes of the meeting of January 31, 2006 were presented. The minutes were approved, with the caveat that current members were not present, on a motion by Mr. Santo, supported by Mr. Leonetti and unanimously carried.

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

Ms. Miller asked the Board to approve the services agreement for \$169,000 to improve the condition of the Hetchler Relief Drain and to verify that no sanitary leads are connected to it. If there are illicit connections flowing through the Hetchler Relief Drain, they are going to Memorial Park on Lake St. Clair. A question was asked on the bulk-head plates, which are fabricated specific to each drain.

A motion to approve the Fishbeck, Thompson, Carr & Huber Professional Services Agreement in the amount of \$169,000 to inspect the condition of the Hetchler Relief Dain and to verify that no sanitary sewer leads are connected to it was made by Mr. Leonetti, supported by Mr. Santo.

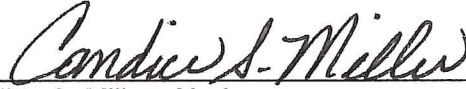
Ayes: Leonetti, Santo, Miller
Nays: None

Motion approved.

A trial balance sheet was presented to the Board by Mr. Manning. There has not been much activity on this drain since 2006. The cash balance is \$3,414.79.

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

The meeting was adjourned at 10:56 a.m. on a motion by Mr. Leonetti, 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 May 8, 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: 5/15/17

8712.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

KLEINO RELIEF ENCLOSURE 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>
Hetchler Relief Drain	Chapter 20 St. Clair Shores - 100%	Bednar Bednar	Doetsch Environmental Services Fishbeck, Thompson, Carr & Huber, Inc.	\$ 139,000.00 \$ 2,676.00	Invoice #69859 - 11/6/17 Invoice #371128 - 11/13/17 Engineering Services - ending 11/3/17	Drain Inspection/Cleanout Drain Inspections	\$ 27,324.00
Total				\$ 141,676.00			

YTD Trial Balance

Fund: Hetchler 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	172,544	(141,620)	30,924
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		56	56
Expenditures		141,676	141,676
Equity	172,544		30,924