

Miller
Santo
Leonetti

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

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for February 12, 2018	
3. Approval of Minutes for December 12, 2017	3
4. Public participation	
5. Project Update – Jeff Bednar	5
6. Consideration for approval of invoices (see attached)	8
7. Financial Report – Bruce Manning	9
8. Adjourn	

HETCHLER RELIEF ST CLAIR SHORES



Legend

- Enclosed Gravity**
- < 60" Dia
 - >= 60" Dia
 - Multiple Pipes
- Open Channel**
- Ditch
 - Pond
 - 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 December 12, 2017, at 11:12 A.M.

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

ALSO PRESENT: James Carabelli, 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; Erik Skurda, City of Sterling Heights; Karyn Stickel, Hubbell, Roth & Clark, Joseph Viviano, Viviano Law

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

Minutes of the meeting of May 8, 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.

The drain inspection has been completed. Fishbeck, Thompson, Carr & Huber, Inc. (FTC&H) will present their findings at the next meeting.

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$141,676.00 to the board for review and approval.

A motion was made by Mr. Leonetti, supported by Mr. Santo 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. Leonetti and supported by Mr. Santo.

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 Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 11:18 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 December 12, 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: 12/15/17

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MONTHLY PROGRESS REPORT

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

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

DATE: December 28, 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 – December 2, 2017 to December 28, 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. Project Management
 - a. FTCH, Doetsch Environmental, Inc. (Doetsch), and MCPWO staff held a progress meeting to discuss the status and significant findings of the 11 1/2 Mile Relief Drain and Stephens Relief Drain SAW Grants and Hetchler Relief Drain Inspection.
2. Field Inspections
 - a. Doetsch collected a sediment sample for analysis in the Stephens Relief Drain.
 - b. FTCH completed the final round of manhole inspections on the 11 1/2 Mile and Stephens Relief Drains and the inspection of all the manholes in the Hetchler Relief Drain.

Task	11 1/2 Mile Relief Drain	Stephens Relief Drain	Hetchler Relief Drain
Surveyed Manholes	277 of 285	225 of 230	47 of 48
Surveyed Catch Basins	333 of 365	181 of 211	19 of 34
Inspected Manholes	260 of 285	205 of 230	41 of 48

3. Data Analysis
 - a. FTCH Geographic Information System (GIS) staff has been working on database naming convention cleanup and has continued linking television inspection videos and logs to the database.
 - b. FTCH continued review of the sewer televising data for all three drains.

Anticipated work items for the upcoming report period:

1. Data Analysis
 - a. FTCH to review results of the final round of manhole inspections.
 - b. FTCH to finalize analysis 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 to begin work on final reports for all three drains.

Bi-Weekly Progress Report – 11 1/2 Mile Relief Drain and Stephens Relief Drain SAW Grant
Hetchler Relief Drain Inspection
Page 2
December 28, 2017



Needed Information/Actions from OMCPWC:

1. Verify if FTCH and Doetsch staff are to provide a presentation at the next Drain Board Meeting.

nac

By email

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

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MONTHLY PROGRESS REPORT

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

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

DATE: February 1, 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 – December 29, 2018 to January 31, 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 Geographic Information System (GIS) staff has completed the database naming convention cleanup and has continued linking television inspection videos and logs to the database.
 - b. FTCH has completed review of the sewer televising data for all three drains and adjusted the Probability of Failure (POF) scoring for the 11 ½ Mile and Stephens Relief Drains.
 - c. FTCH has completed review of the manhole inspection data for the 11 ½ Relief Drain.
 - d. FTCH has drafted the Consequence of Failure (COF) for the 11 ½ Mile Relief Drain.
 - e. FTCH has completed the outfall screening form spreadsheet through the review of the television inspection reports and videos for all three drains.

Anticipated work items for the upcoming report period:

1. Data Analysis
 - a. FTCH to review results of the final round of manhole inspections for the Stephens Relief and Hetchler Drains.
 - b. FTCH to determine the COF for Stephens and Hetchler.
 - c. FTCH to begin work on the Business Risk Exposure (BRE) for all three drains.
 - d. FTCH to begin developing rehabilitation recommendations and associated costs for all three drains

Needed Information/Actions from OMCPWC:

1. Verify if FTCH and Doetsch staff are to provide a presentation at a Drain Board Meeting.

nac

By email

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

HETCHLER RELIEF DRAIN - 2/12/18

<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	Fisibeck, Thompson, Carr & Huber, Inc.	\$ 2,244.39	Invoice #371451 - 12/11/17 Engineering Services - ending 12/1/17	Drain Inspection	
		Bednar	Fisibeck, Thompson, Carr & Huber, Inc.	\$ 5,344.95	Invoice #372016 - 1/8/18 Engineering Services - ending 12/29/17	Drain Inspection	
Total				\$ 7,589.34			

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YTD Trial Balance

Fund: Hetchler Relief

As of Fiscal Period: Oct 1, 2017-Jan 31, 2018

	O&M Balance 9/30/2017	O&M	Total 1/31/2018
Cash - Operating	172,544	(141,591)	30,953
Accounts Receivable			0
Assets			0
Liabilities		7,589	7,589
Revenues		85	85
Expenditures		149,265	149,265
Equity	172,544		23,364