

Miller
Santo
Leonetti

HETCHLER RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
JUNE 11, 2018
10:15 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for June 11, 2018	
3. Approval of Minutes for March 12, 2018	3
4. Public participation	
5. Project Update – Jeff Bednar	5
6. Consideration for approval of invoice (see attached)	13
7. Financial Report – Bruce Manning	14
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 March 12, 2018, at 10:15 A.M.

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

ALSO PRESENT: Kathleen Tocco, 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, Jeff Bednar, P.E. Environmental Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Financial Manager, Barbara Delecke, Administrative Services, 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 February 12, 2018 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.

Fishbeck, Thompson, Carr & Huber has collected the data and will now begin the asset inventory and condition assessment. A business risk evaluation will be done and a report possibly provided at the April 2018 meeting.

With Board approval, an engagement letter will be signed with Stacy Hissong, Fahey, Schultz, Burzych, Rhodes, PLC to perform a district delineation. This drain inspection and district delineation is being done with drain monies.

A motion was made by Mr. Leonetti, supported by Mr. Santo authorizing the Public Works Office to sign an engagement letter with Stacy Hissong, Fahey, Schultz, Burzych, Rhodes, PLC to perform a district delineation so that all assets of the drainage district can be determined.

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoice totaling \$1,892.00 to the board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

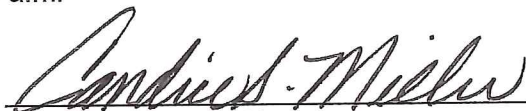
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Leonetti and supported by Mr. Santo.

Adopted: YEAS: 3
NAYS: 0

There being no further business, it was moved by Mr. Leonetti, supported by Mr. Santo, that the meeting of the Hetchler Relief Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

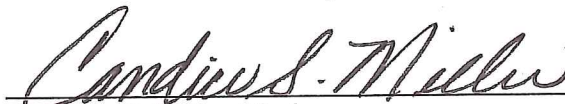
The meeting was adjourned at 10:18 a.m.



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 March 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: 3/13/18

9165.bd

MEMO

TO: Mr. Jeff Bednar, PE – Macomb County Public Works Office

FROM: Maria Sedki, PE

DATE: May 21, 2018

PROJECT NO.: 171223

RE: Hetchler Relief Drain Stormwater, Asset Management, and Wastewater (SAW) Grant

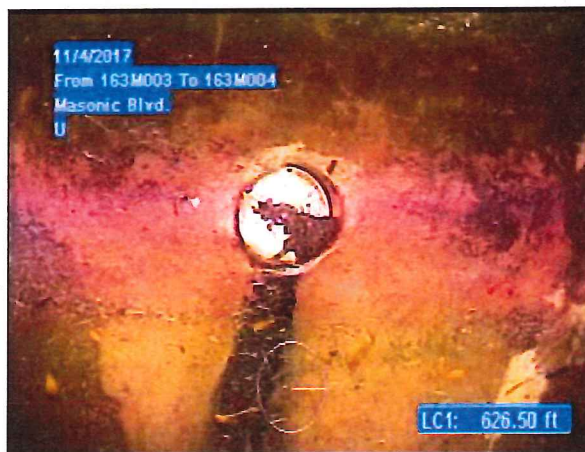
The following is a summary of the items found during the manhole inspection and sewer televising of the Hetchler Relief Drain:

Hetchler Relief Drain

1. Pipes

a. Pipe Segment 163M003-163M004:

There are 3 temporary plastic plug bulkheads that need to be replaced with permanent bulkheads. These plastic plugs are located at approximately 468 feet, 504 feet, and 625.5 feet upstream of Manhole 163M003.

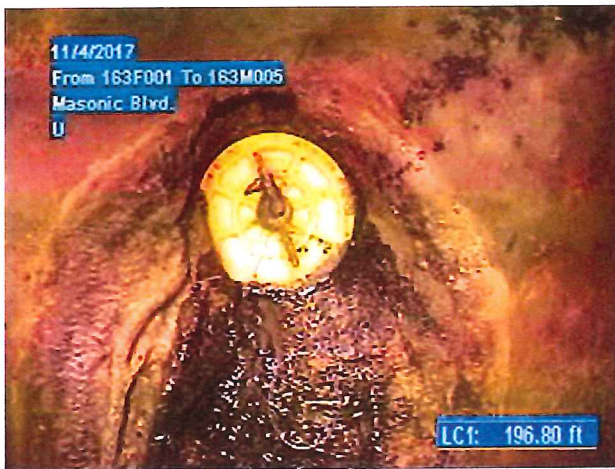




- b. Pipe Segment 163M019-163M018:
Hole located at the 12 o'clock position, approximately 44 feet downstream of Manhole 163M019 that requires re-grouting.



- c. Pipe Segment 163F001-163M005:
Plastic plug bulkhead that needs to be replaced with a permanent bulkhead. This plastic plug is located approximately 417 feet downstream of Manhole 163M005.



- d. Pipe Segment 163F001-163M005:
 12-inch catch basin tap with a 6-inch corrugated plastic pipe protruding into the mainline located approximately 320 feet downstream of Manhole 163M005.



- e. Pipe Segment 163M022-163M004:
 Two infiltration gushers located at joints approximately 323 feet and 328 feet downstream of Manhole 163M022. Manhole ring found approximately 690.5 feet downstream of Manhole 163M022



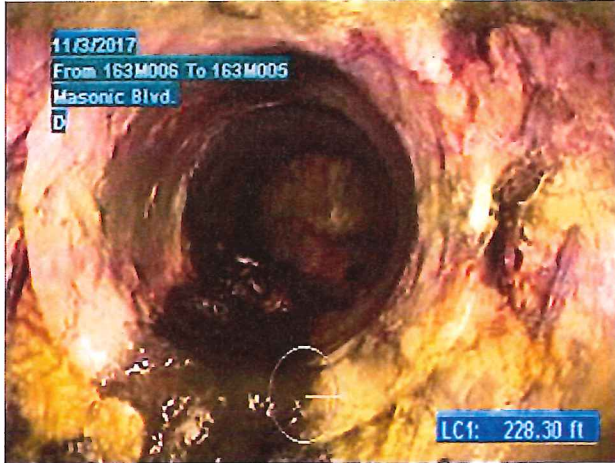
- f. Pipe Segment 163M001-163Z001:
Two surface reinforcements visible (SRV) at break-in taps located approximately 315 feet and 566 feet downstream of Manhole 163M001.



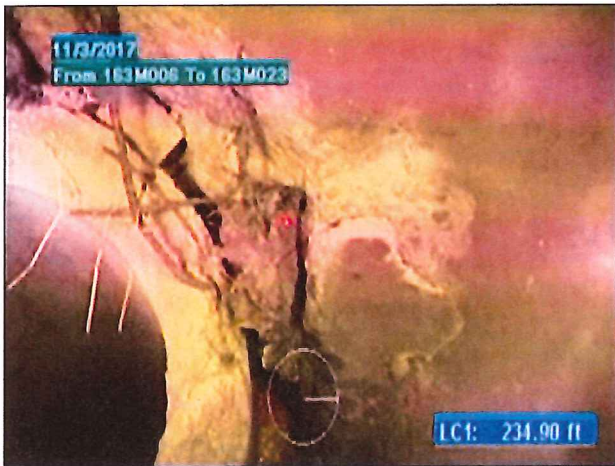
- g. Outfall 1637001:
Heavy rock and debris removal at Outfall Structure 163Z001.



- h. Pipe Segment 163M006-163M005:
SRV at break-in tap located approximately 228 feet downstream of Manhole 163M006.

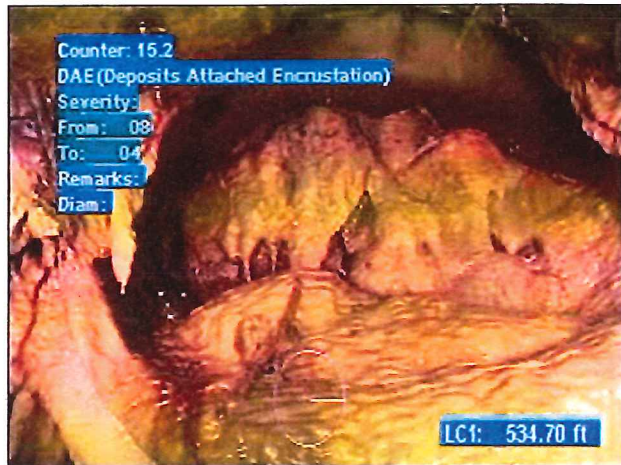
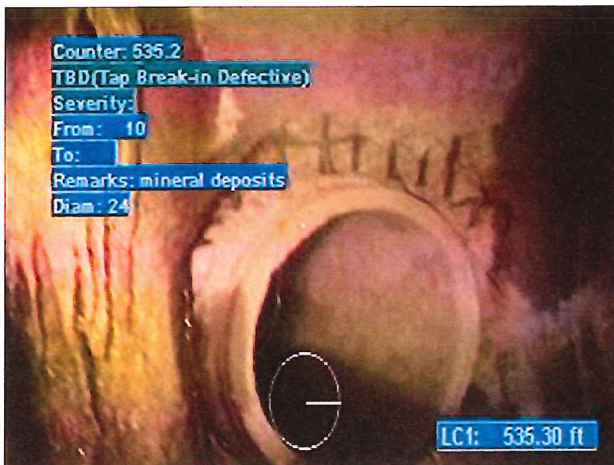
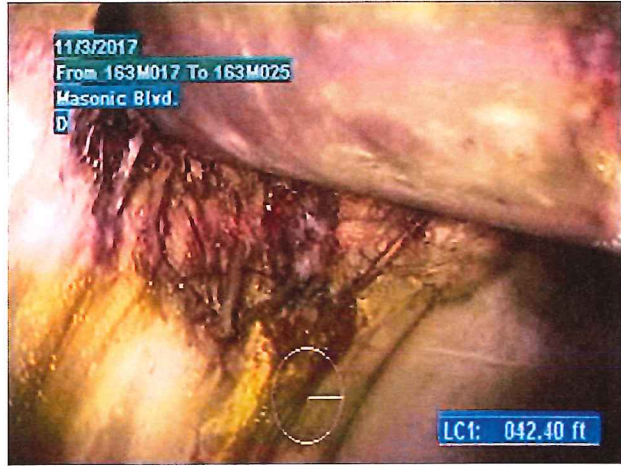


- i. Pipe Segment 163M006-163M023:
SRV at break-in tap located approximately 234 feet upstream of Manhole 163M023.





- j. Pipe Segment 163M017-163M025:
SRV at break-in taps located approximately 42 feet, 282 feet, and 538 feet downstream of Manhole 163M017. Heavy mineral deposits at break-in tap located approximately 535 feet downstream of Manhole 163M017.



- k. Pipe Segment 163M028-163M026:
Metal cage located approximately 132 feet upstream of Manhole 163M028.



2. Manholes

- a. Manhole 163M034:
Manhole frame contains cracks along the lip. Heavy mineral deposits located at the 6 o'clock position in the pipe.



- b. Manhole 163M043:
Manhole frame is broken and missing sections.



nac
By email

HETCHLER RELIEF DRAIN - 6/11/18

<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 Drain	Chapter 20 St. Clair Shores - 100%	Bednar	Fishbeck, Thompson, Carr & Huber	\$ 4,515.00	Invoice #374895 - 5/29/18 Engineering Services - ending 5/18/18	Drain Inspection	\$ 13,327.66
Total				\$ 4,515.00			

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	(149,152)	23,392
Accounts Receivable			0
Assets			0
Liabilities		4,515	4,515
Revenues		113	113
Expenditures		155,672	155,672
Equity	172,544		16,985