

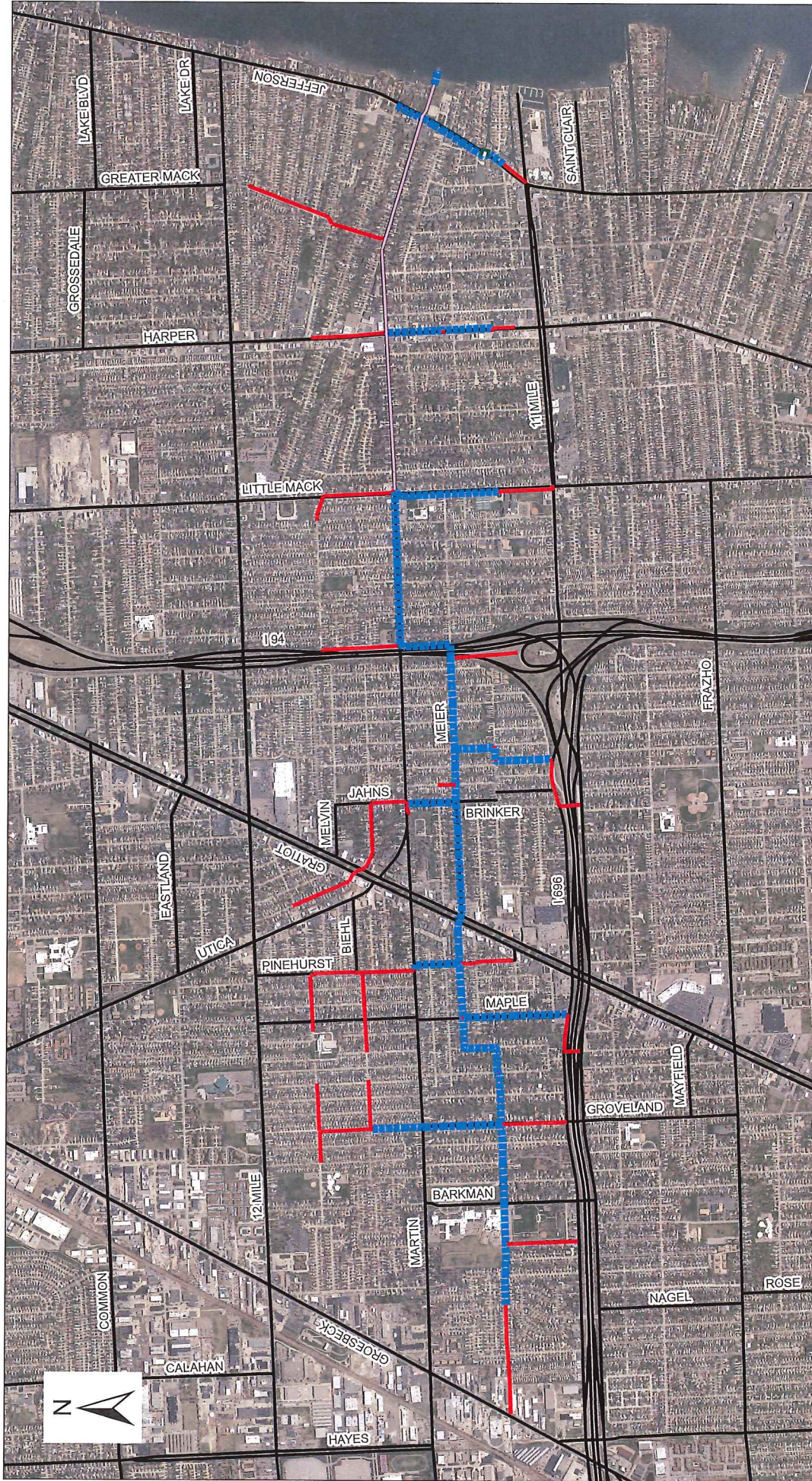
Miller
Santo
Tocco

ELEVEN AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
MAY 14, 2018
10:00 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for May 14, 2018	
3. Approval of Minutes for April 9, 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	

11 & 1/2 MILE RELIEF DRAIN

ROSEVILLE/ST CLAIR SHORES



Legend

- | | |
|-------------------------|---------------------|
| Enclosed Gravity | Open Channel |
| — < 60" Dia | Ditch |
| — ≥ 60" Dia | Pond |
| — Multiple Pipes | |
| — 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 April 9, 2018, at 10:50 A.M.

PRESENT: Candice S. Miller, Chair
Kathy Tocco, Member

ABSENT: Bryan Santo, Member

ALSO PRESENT: Veronica Klinefelt, 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, Jeff Bednar, P.E. Environmental Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Financial Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Stephen Saph, Nickel & Saph, Inc.

The meeting was called to order by the Chair, Candice Miller. A motion was made by Ms. Tocco, supported by Ms. Miller to approve the agenda as presented.

Adopted: YEAS: 2
NAYS: 0

Minutes of the meeting of March 12, 2018 were presented. A motion was made by Ms. Tocco, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 2
NAYS: 0

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

A progress meeting will be held with Fishbeck, Thompson, Carr & Huber on April 19, 2018. District delineation will be performed by Ms. Hissong, Fahey, Schultz, Burzych, Rhodes, PLC to determine if all assets in the 11 ½ Mile Relief Drain have been accounted for.

The Chair presented the invoice totaling \$12,171.00 to the board for review and approval.

Motion was made by Ms. Tocco, supported by Ms. Miller to approve the invoice as presented.

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

The meeting was adjourned at 10:54 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 April 9, 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: 4/11/18

9206.bd

MEMO

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

FROM: Maria E. Sedki, PE

DATE: April 25, 2018

PROJECT NO.: 130666

RE: 11 ½ Mile Relief Drain SAW Invoice

The following is a summary of work performed through April 20, 2018:

Task G130666PM: Project Management

Work during this period included:

- Previous Invoice and Memo

Task G130666GI: GIS Coordination/GPS Manholes

Work during this period included:

- Continued updating GIS database with inspection review information

Task G130666IN: Inspection

Work during this period included:

- Finalized Draft drain maintenance program.
- Finalized Draft Rehabilitation/repair options and associated costs to all needed assets.
- Finalized Draft BRE Spreadsheet and Draft 20-year Capital Improvement Plan (CIP).
- Attended Progress Meeting with MCPWO Staff to go over status to date, draft findings and recommendations, budget and schedule.
- Began work on Draft Asset Management Report

MEMO

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

FROM: Ms. Maria Sedki, PE

DATE: May 1, 2018

PROJECT NO.: 130666/130737

RE: 11 1/2 Mile Relief Drain Stormwater, Asset Management, and Wastewater (SAW) Grant
Stephens Relief Drain SAW Grant

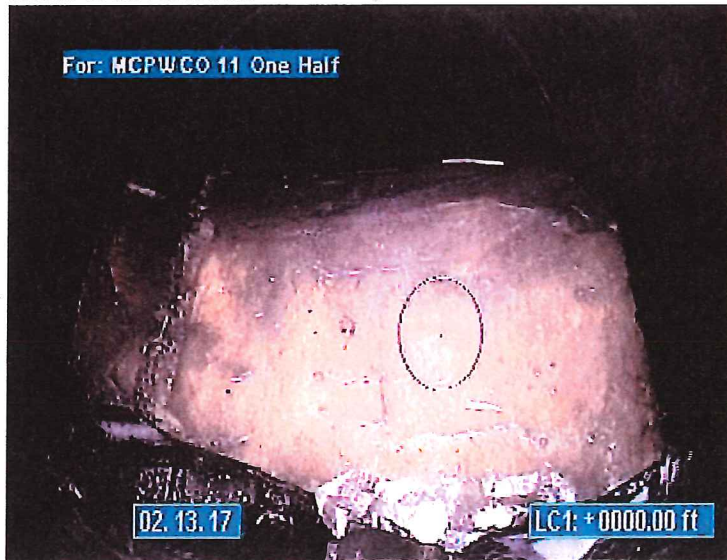
Per our Progress Meeting on April 19, 2018, the following is a summary of the items found during the manhole inspection and sewer televising of both the 11 1/2 Mile Relief Drain and the Stephens Relief Drain that MCPWO staff can perform in-house:

11 1/2 Mile Relief Drain

1. Pipes

a. Pipe Segment 097M047-097M046:

There is a large manhole cone section approximately 2.5 feet upstream from Manhole 097M046 that needs to be removed.



2. Manholes and Catch Basins

a. Manhole 097M061:

The manhole has a "St. Clair Shores Sanitary" cover on it that needs to be replaced.



b. Manhole 097M298:

The manhole has a cracked cover that needs to be replaced.



- c. Catch Basin 097C215:
Damaged catch basin casting at the southwest corner of Waverly Street and Northview Street that needs to be repaired:



Stephens Relief Drain

- 1. Pipes
 - a. None.
- 2. Manholes and Catch Basins
 - a. Manhole 381M088:
The manhole has a damaged frame. The manhole is located within the Michigan Department of Transportation (MDOT) right-of-way.





b. Manhole 381M092:

The manhole has a damaged frame. The manhole is located within the MDOT right-of-way.



c. Manhole 381M135:

The manhole has a damaged frame. The manhole is located within the MDOT right-of-way.





- d. Manhole 381M136:
The manhole is damaged and is located within the MDOT right of way.



- e. Manhole 381M146:
The manhole has a "St. Clair Shores Sanitary" cover on it that needs to be replaced.





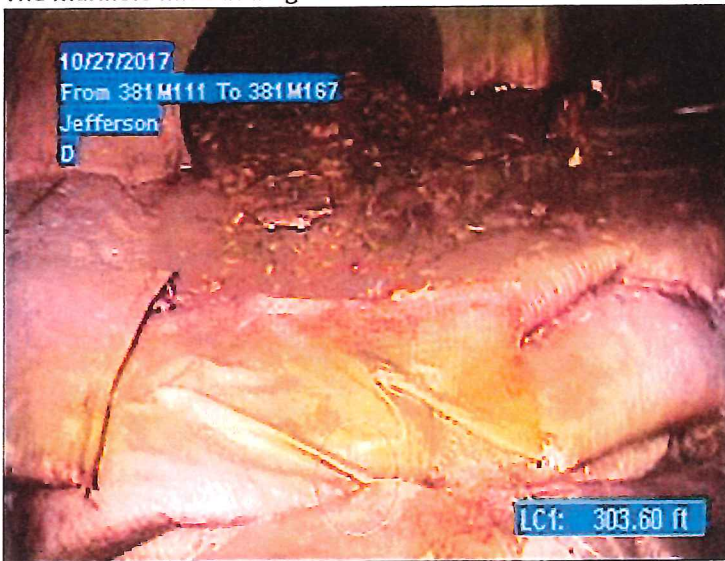
f. Manhole 381M148:

The manhole has a large encrustation deposit at the 12-inch pipe at approximately the 8 o'clock position (with 12 o'clock being north) that needs to be removed.



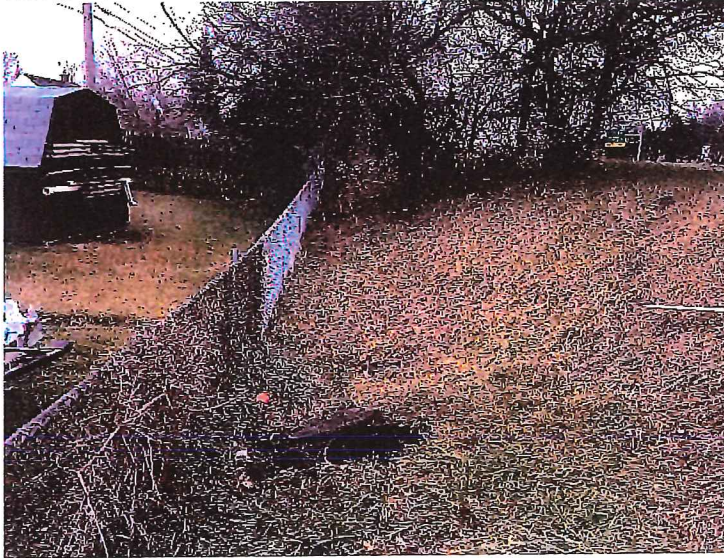
g. Manhole 381M167:

The manhole has sandbags located within the it that should be removed.



h. Manhole 381M191:

The manhole has a damaged frame. The manhole is located within the MDOT right-of-way.



nac

By email

ELEVEN AND ONE-HALF MILE RELIEF DRAIN - MAY 14, 2018

<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>Grant 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	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 7,202.50	Invoice #373784 - 4/4/18 Engineering Services - ending 3/23/18	Project Management, GIS Coordination/GPS, Manholes & Inspections	\$ 144,540.15
Total				\$ 7,202.50			

YTD Trial Balance

Fund: 11.5 Mile

As of Fiscal Period: Oct 1, 2017-Apr 30, 2018

	O&M Balance 9/30/2017	O&M	Total 4/30/2018
Cash - Operating	378,197	(98)	378,099
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		282	282
Expenditures		380	380
			0
Equity	378,197		378,099

<u>NOTES</u>	Grant	Match	Total
SAW 1133-01	773,941	85,994	859,935
YTD	(619,901)	(68,878)	(688,779)
Remaining	154,040	17,116	171,156