

Gregg  
Miller  
Nash

SHARKEY RELIEF  
INTER-COUNTY DRAINAGE BOARD  
JANUARY 24, 2018  
10:00 a.m.  
AGENDA

	<u>Page</u>
1. Call meeting to order and roll call	
2. Approval of Agenda	
3. Public participation	
4. Approval of minutes of meeting of November 29, 2017	3
5. SAW Grant Update – Jeff Bednar/Anderson, Eckstein & Westrick, Inc.	5
6. Consideration of approval of invoices:	8
See attached spreadsheet	
7. Financial Update – Bruce Manning	9
8. Old Business	
9. New Business	
10. Adjourn	

# SHARKEY RELIEF

## WARREN/OAKLAND COUNTY



### Legend

- |                         |                     |
|-------------------------|---------------------|
| <b>Enclosed Gravity</b> | <b>Open Channel</b> |
| — < 60" Dia             | — Ditch             |
| — >= 60" Dia            | — Pond              |
| — Inverted Siphon       | — Culvert           |



Drain Length (Feet/Miles):  
21,297.20 / 4.03



A meeting of the Inter-County Drainage Board for the **SHARKEY RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan on November 29, 2017.

PRESENT: Michael Gregg, Chairman  
Michigan Department of Agriculture & Rural Development

Candice Miller, Secretary  
Macomb County Public Works Commissioner

Jim Nash, Member  
Oakland County Water Resources Commissioner

ALSO PRESENT: Joe Suma, Lapeer County Drain Commission; Brian Baker, Chief Deputy, Bruce Manning, Financial Manager, Tom Stockel, Construction Manager, Tamara Keskeny, Property Manager, Jeff Bednar, P.E., CFM, Environmental Engineer, Dan Heaton, Public Relations Manager, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Steve Korth, P.E., Manager, Jim Wineka, P.E., Assistant Chief Engineer, Office of Oakland County Water Resources Commissioner; Albert Mickalich, P.E., Hubbell, Roth & Clark, Inc. (HRC); Gordon Wilson, P.E., Craig Amey, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick, Inc. (AEW); Stacy Hissong, Fahey, Schultz, Burzych, Rhodes, PLC; Dana Dugger, Tom Lediet, Amber McMahan, Terrance Brown, Clinton Township Residents

The Chairman called the meeting to order at 10:04 a.m.

A motion was made by Ms. Miller, supported by Mr. Nash to approve the agenda as presented.

Adopted: YEAS: 3  
NAYS: 0

The minutes of the meeting of October 25, 2017 were presented. A motion was made by Ms. Miller, supported by Mr. Nash to approve the minutes as presented.

Adopted: YEAS: 3  
NAYS: 0

Ms. Kanan provided the Board with a verbal and written update of SAW Grant activity. All manholes and catch basins have been surveyed. Doetsch has completed the CCTVing of the sewer and provided reports and videos to AEW. There are a couple of minor blockages. Ms. Kanan will ask Doetsch to prepare a cost estimate for cleaning the blocked lines so that the condition assessment can be completed. Doetsch collected water samples and Chapaton staff did the lab analysis of the water. Results of the testing will be provided at the next Board meeting.

A motion was made by Mr. Nash, supported by Ms. Miller to receive and file the AEW report given by Ms. Kanan.

Adopted: YEAS: 3  
NAYS: 0

The Chairman presented the invoices totaling \$9,109.25 as provided to the Board for review and approval.

Motion was made by Mr. Nash, supported by Ms. Miller to approve the invoices as presented.

Adopted: Yeas: 3  
Nays: 0

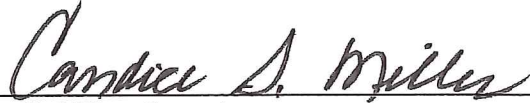
A motion was made by Ms. Miller, supported by Mr. Nash to receive and file the financial report given by Mr. Manning.

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Ms. Miller, supported by Mr. Nash, that the meeting of the Sharkey Relief Inter-County Drainage Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

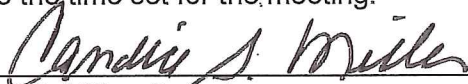
The meeting was adjourned at approximately 10:10 a.m.



Candice S. Miller, Secretary  
Sharkey Relief Inter-County Drainage Board

STATE OF MICHIGAN  
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Inter-County Drainage Board for the Drainage District shown on the attached set of Minutes, on November 29, 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, Secretary  
Sharkey Relief Inter-County Drainage Board

DATED: 11/30/17

9015.bd

# PROGRESS UPDATE

<b>PROJECT:</b>	Sharkey Drain SAW Grant	<b>SAW GRANT NO.</b>	1404-01
<b>UPDATE BY:</b>	Sydney Kanan	<b>DATE:</b>	December 13, 2017

**PROJECT BACKGROUND AND SUMMARY**

Third Round SAW:	Due to MDEQ: October 2019
Stormwater Asset Management:	\$289,000. \$260,100 Grant, \$28,900 Match
Spent to Date:	\$28,976.75 (November 12, 2017)
Remaining Budget:	\$260,023.25

NOTE: AEW to evaluate the SAW Grant budget for the Sharkey Relief Drain to determine the possibility of performing a district delineation which will include an inventory and assessment of record plans and record documents to determine the extent of the Sharkey Relief Drain

**INVENTORY AND CONDITION ASSESSMENT**

- Manhole and Catch Basin GPS – COMPLETE**
- Manhole and Catch Basin Inspection – In Process**
- Sewer Televising – COMPLETE**
  - *AEW to review CCTV reports and videos*
  - *No connection to the Sharkey indicated any illicit connections, therefore no sampling was conducted.*

**GIS**

- GIS Checkout – On going throughout project*
- Schema Update – COMPLETE*
- Asset Naming – COMPLETE*
- GIS Database Update – AEW to update database when condition assessments have been completed*

**CRITICALITY**

- Probability of Failure – AEW to assign POF after condition assessment is complete*
- Consequence of Failure – AEW to assign COF after condition assessment is complete*
- BRE – AEW to assign BRE after condition assessment is complete*

**REHABILITATION**

- Options for Rehabilitation being considered – AEW to determine after condition assessment is complete*
- Associated Costs – AEW to determine after condition assessment is complete*
- Level of Service – AEW to determine after condition assessment is complete*

**GREEN INFRASTRUCTURE**

- Status to Date – AEW to review and provide a report outline*
- Needed Info - TBD*

# PROGRESS UPDATE

**PROJECT:** Sharkey Drain SAW Grant **SAW GRANT NO.** 1404-01  
**UPDATE BY:** Sydney Kanan **DATE:** January 16, 2018

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## PROJECT BACKGROUND AND SUMMARY

Third Round SAW:	Due to MDEQ: October 2019
Stormwater Asset Management:	\$289,000. \$260,100 Grant, \$28,900 Match
Spent to Date:	\$49,495.20 (December 10, 2017)
Remaining Budget:	\$239,504.80

NOTE: The MDEQ confirmed that a district delineation can be performed and is eligible for reimbursement as a SAW Grant activity.

## INVENTORY AND CONDITION ASSESSMENT

**Manhole and Catch Basin GPS** – COMPLETE  
**Manhole and Catch Basin Inspection** – In Process – 90% Complete  
**Sewer Televising** – COMPLETE  
**CCTV Review** – COMPLETE

NOTE: District delineation may result in additional storm sewer for which GPS, structure inspection, sewer televising and CCTV review would need to be conducted.

## DISTRICT DELINEATION

**Document Investigation** – TBD  
**Document Analysis** – TBD

## GIS

**GIS Checkout** – On going throughout project  
**Schema Update** – COMPLETE  
**Asset Naming** – COMPLETE  
**GIS Database Update** – AEW to update database when condition assessments have been completed

## CRITICALITY

**Probability of Failure** – AEW to assign POF after condition assessment is complete  
**Consequence of Failure** – AEW to assign COF after condition assessment is complete  
**BRE** – AEW to assign BRE after condition assessment is complete

## REHABILITATION

**Options for Rehabilitation being considered** – AEW to determine after condition assessment is complete  
**Associated Costs** – AEW to determine after condition assessment is complete  
**Level of Service** – AEW to determine after condition assessment is complete

**GREEN INFRASTRUCTURE**

Status to Date – *AEW to review and provide a report outline*  
Needed Info - *TBD*

SHARKEY RELIEF DRAIN - 1/24/18

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Sharkey Relief Drain	Chapter 21 Macomb County - .81% Oakland County - 10.00% Warren - 30.12% Madison Heights - 59.07%	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 4,027.90	Invoice #0116143 - 12/7/17 Engineering Services - 10/16/17 - 11/12/17	Engineering Oversight, Survey, CCTV Investigation	\$ 264,422.28
	SAW Grant 1404-01 (Closing date 11/27/19)	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 20,518.45	Invoice #0116424 - 12/20/17 Engineering Services - 11/13/17 - 12/10/17	Engineering Oversight, Survey, CCTV Investigation	\$ 243,903.83
<b>Total</b>				\$ 24,546.35			



YTD Trial Balance

Fund: Sharkey Relief

As of Fiscal Period: Oct 1, 2017-Dec 31, 2017

	O&M Balance 9/30/2017	O&M	Total 12/31/2017
Cash - Operating	641,739	202	641,941
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		202	202
Expenditures			0
			0
Equity	641,739		641,941
	0.00		0.00

NOTES

	Grant	Match	Total
SAW 1404-01	296,100	32,900	329,000
YTD	(29,079)	(3,231)	(32,310)
Remaining	267,021	29,669	296,690