

Gregg  
Miller  
Nash

SHARKEY RELIEF  
INTER-COUNTY DRAINAGE BOARD  
NOVEMBER 29, 2017  
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 October 25, 2017	3
5. SAW Grant Update – Anderson, Eckstein & Westrick, Inc.	5
6. Consideration of approval of invoices:	6
See attached spreadsheet	
7. Financial Update – Bruce Manning	7
8. Old Business	
9. New Business	
10. Adjourn	

# SHARKEY RELIEF WARREN/OAKLAND COUNTY



## Legend

- |   |   |
|---|---|
| <b>Enclosed Gravity</b>   | <b>Open Channel</b>   |
| <span style="color: red;">—</span> < 60" Dia  | <span style="border: 1px solid blue; border-radius: 5px; width: 20px; height: 10px; display: inline-block;"></span> Ditch |
| <span style="border-bottom: 1px dashed blue; width: 20px; display: inline-block;"></span> >= 60" Dia      | <span style="border-bottom: 1px dashed blue; width: 20px; display: inline-block;"></span> Pond                            |
| <span style="border-bottom: 1px solid brown; width: 20px; display: inline-block;"></span> Inverted Siphon | <span style="border-bottom: 1px dashed green; width: 20px; display: inline-block;"></span> 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 October 25, 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: Brian Baker, Chief Deputy, Karen Czernel, Deputy, Keith Graboske, P.E., Chief Engineer, Bruce Manning, Financial Manager, Tom Stockel, Construction Manager, Tamara Keskeny, Property Manager, Jeff Bednar, P.E., CFM, Environmental Engineer, Lara Sucharski, Supervisor, Soil Erosion & Sediment Division, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Steve Korth, P.E., Manager, Jim Wineka, P.E., Assistant Chief Engineer, Joel Kohn, P.E., Engineering Systems Coordinator, Office of Oakland County Water Resources Commissioner; Albert Mickalich, P.E., Hubbell, Roth & Clark, Inc. (HRC); Gordon Wilson, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick, Inc. (AEW)

The Chairman called the meeting to order at 12:03 p.m.

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

Adopted: YEAS: 3  
NAYS: 0

The minutes of the meeting of September 27, 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

Doetsch will start CCTV work and IDEP water sampling next week. Chapaton RTB staff will provide the sampling containers and analyze the water samples. When work is complete, AEW will review the data and compile a condition assessment from the findings. Ms. Kanan prepared a map showing the drainage district for the board.

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 invoice totaling \$6,177.75 as provided to the board for review and approval.

Motion was made by Ms. Miller, supported by Mr. Nash to approve the invoice 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 Mr. Nash, supported by Ms. Miller, that the meeting of the Sharkey Relief Inter-County Drainage Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

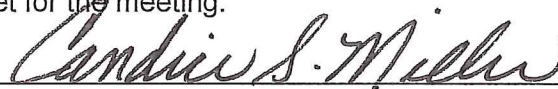
The meeting was adjourned at approximately 12:10 p.m.



\_\_\_\_\_  
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 October 25, 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.



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

DATED: 10/26/17

8974.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>	November 21, 2017

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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:	\$24,948.85      (October 15, 2017)
Remaining Budget:	\$264,051.15

## INVENTORY AND CONDITION ASSESSMENT

**Manhole and Catch Basin GPS** – *COMPLETE*

**Manhole and Catch Basin Inspection** – *To be completed in early 2018*

**Sewer Televising** – *COMPLETE*

- *AEW to review CCTV reports and videos*

## 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 at the next progress meeting*

**Needed Info** – *TBD*

SHARKEY RELIEF DRAIN - 11/29/17

<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>
Sharkey Relief Drain	Chapter 21 Macomb County - .81% Oakland County - 10.00% Warren - 30.12% Madison Heights - 59.07%	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 6,896.25	Invoice #0115578 - 10/12/17 Engineering Services - 8/21/17 - 9/17/17	Engineering Oversight, Survey, CCT Investigation	\$ 284,036.00 Plus 10% match requirement
	SAW Grant 1404-01 (Closing date 11/27/19)	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 1,256.00	Invoice #0115870 - 11/6/17 Engineering Services - 9/18/17 - 10/15/17	Engineering Oversight, Survey, CCT Investigation	\$ 282,780.00 Plus 10% match requirement
	SAW Grant 1404-01 (Closing date 11/27/19)	Bednar	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 957.00	Invoice #3711120 - 11/13/17 Engineering Services - ending 11/3/17	Oversight	\$ 11,007.00
<b>Total</b>				\$ 9,109.25			

YTD Trial Balance

Fund: Sharkey Relief

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

	O&M Balance 9/30/2017	O&M	Total 10/31/2017
Cash - Operating	641,739	27	641,766
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		27	27
Expenditures			0
			0
Equity	641,739		641,766
	0.00		0.00

NOTES

	Grant	Match	Total
SAW 1404-01	296,100	32,900	329,000
YTD	(13,320)	(1,480)	(14,800)
Remaining	282,780	31,420	314,200