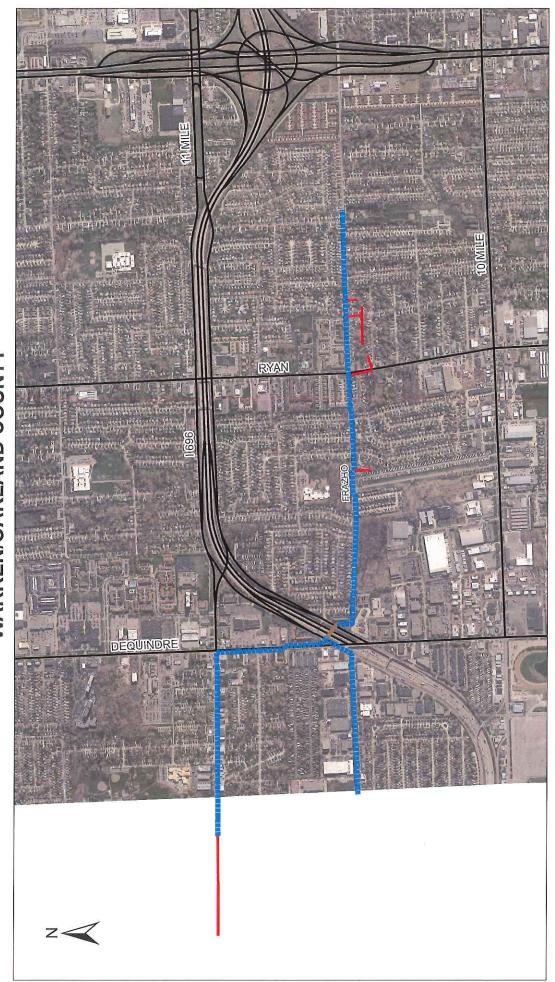
SHARKEY RELIEF INTER-COUNTY DRAINAGE BOARD OCTOBER 25, 2017 10:00 a.m. AGENDA

		<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 September 27, 2017	3
5.	SAW Grant Update – Anderson, Eckstein & Westrick, Inc.	5
6.	Consideration of approval of invoices:	7
	See attached spreadsheet	
7.	Financial Update – Bruce Manning	8
8.	Old Business	
9.	New Business	
10.	Adjourn	

8966.bd

SHARKEY RELIEF

WARREN/OAKLAND COUNTY





Enclosed Gravity

Open Channel

Culvert - Inverted Siphon

PUBLIC WORKS

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

1,500

750

0

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 September 27, 2017.

PRESENT:

Michael Gregg, Chairman

Michigan Department of Agriculture & Rural Development

Candice Miller, Secretary

Macomb County Public Works Commissioner

Anne Vaara, Acting Member

Chief Deputy, 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, Environmental Engineer, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Steve Korth, P.E., Manager, Office of Oakland County Water Resources Commissioner; Jamie Burton, P.E., Albert Mickalich, P.E., Hubbell, Roth & Clark, Inc. (HRC); Gordon Wilson, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick (AEW)

The Chairman called the meeting to order at 10:03 a.m.

A motion was made by Ms. Miller, supported by Ms. Vaara and unanimously carried to approve the agenda as presented.

The minutes of the meeting of August 23, 2017 were presented. A motion was made by Ms. Miller, supported by Ms. Vaara and unanimously carried to approve the minutes as presented.

The Chairman presented the invoice totaling \$3,180.25 as provided to the board for review and approval.

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

AYES: Miller, Vaara and Gregg

NAYS: None

Motion approved.

Ms. Kanan, AEW updated the Board on the SAW Grant activity. AEW has located and GPS'd all structures in the district. Two additional structures were found when walking the drain. The next step will be to conduct manhole inspections and condition assessments. This will be done during the winter months. MDOT needs to be notified prior to sediment inspections and a permit must be obtained. Data will be analyzed and compiled into a report showing necessary repairs and the order of criticality. Doetsch provided a quote for televising the drain, which the board approved. Ms. Miller would like Doetsch to also inspect for illicit connections during the process. A proposal will be brought to the board for the additional work. AEW will determine if the work can be grant funded.

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

AYES: Vaara, Miller, Gregg

NAYS: None Motion approved.

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

AYES: Miller, Vaara and Gregg

NAYS: None Motion approved.

There being no further business coming before the Board, the meeting was adjourned at 10:22 a.m. by Mr. Gregg on a motion by Ms. Vaara, supported by Ms. Miller and unanimously approved.

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 September 27, 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: 9/28/17

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PROGRESS UPDATE

PROJECT:

Sharkey Drain SAW Grant

SAW GRANT NO.

1404-01

UPDATE BY:

Sydney Kanan

DATE:

October 17, 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:

\$23,692.85

(September 17, 2017)

Remaining Budget:

\$265,307.15

INVENTORY AND CONDITION ASSESSMENT

Manhole and Catch Basin GPS - COMPLETE

Manhole and Catch Bain Inspection - To be completed by end of 2017

Sewer Televising – DOETSCH has provided a quote for CCTV services (\$49,150.00); Work to begin the week of October 30, 2017; DOETSCH will perform IDEP sampling in conjunction with CCTV efforts.

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

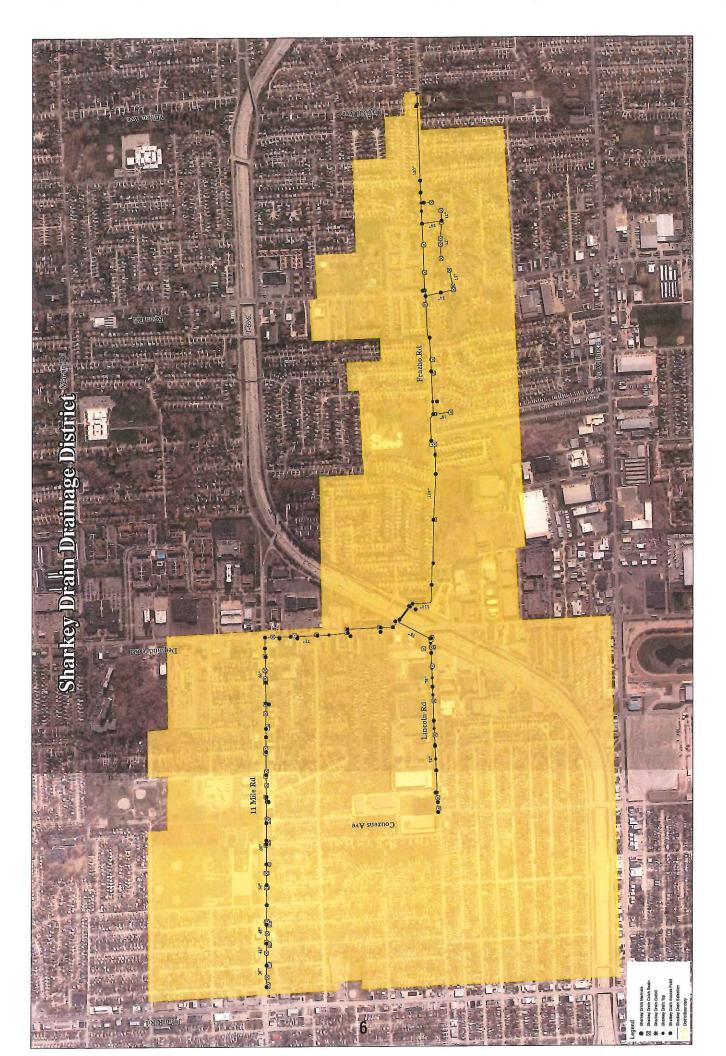
REHABILITATION

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 - 10/25/17

	Project Balance		276,602.43
			69
	Project Summary		Engineering Oversight, Green Infrastructure
			20/17
	Invoice Detail		6,177.75 Invoice #0115242 - 9/13/17 Engineering Services - 7/24/17 - 8/20/17
	III		177.75
	Amount		9
			↔
The second secon	Vendor		Anderson, Eckstein & Westrick, Inc.
	Manager		ø.
	Mar		Graboske
	Apportionment	Chapter 21 Macomb County81% Oakland County - 10.00% Warren - 30.12% Madison Heights - 59.07%	SAW Grant 1404-01 (Closing date 11/27/19)
	Funding Source	arkey Relief Drain Chapter 21 Macomb Co Oakland Co Warren - 30 Madison He	

\$ 6,177.75

Total

YTD Trial Balance Fund: Sharkey Relief

As of Fiscal Period: Oct 1, 2016-Sept 30, 2017

5	O&M Balance 9/30/2016	O&M	Total 9/30/201 7
Cash - Operating	678,111	(36,177)	641,935
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		688	688
Expenditures		36,865	36,865
			0
Equity	678,111		641,935
7.1. A 74.1 Report of the Control of	0.00	2.0	0,00

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