

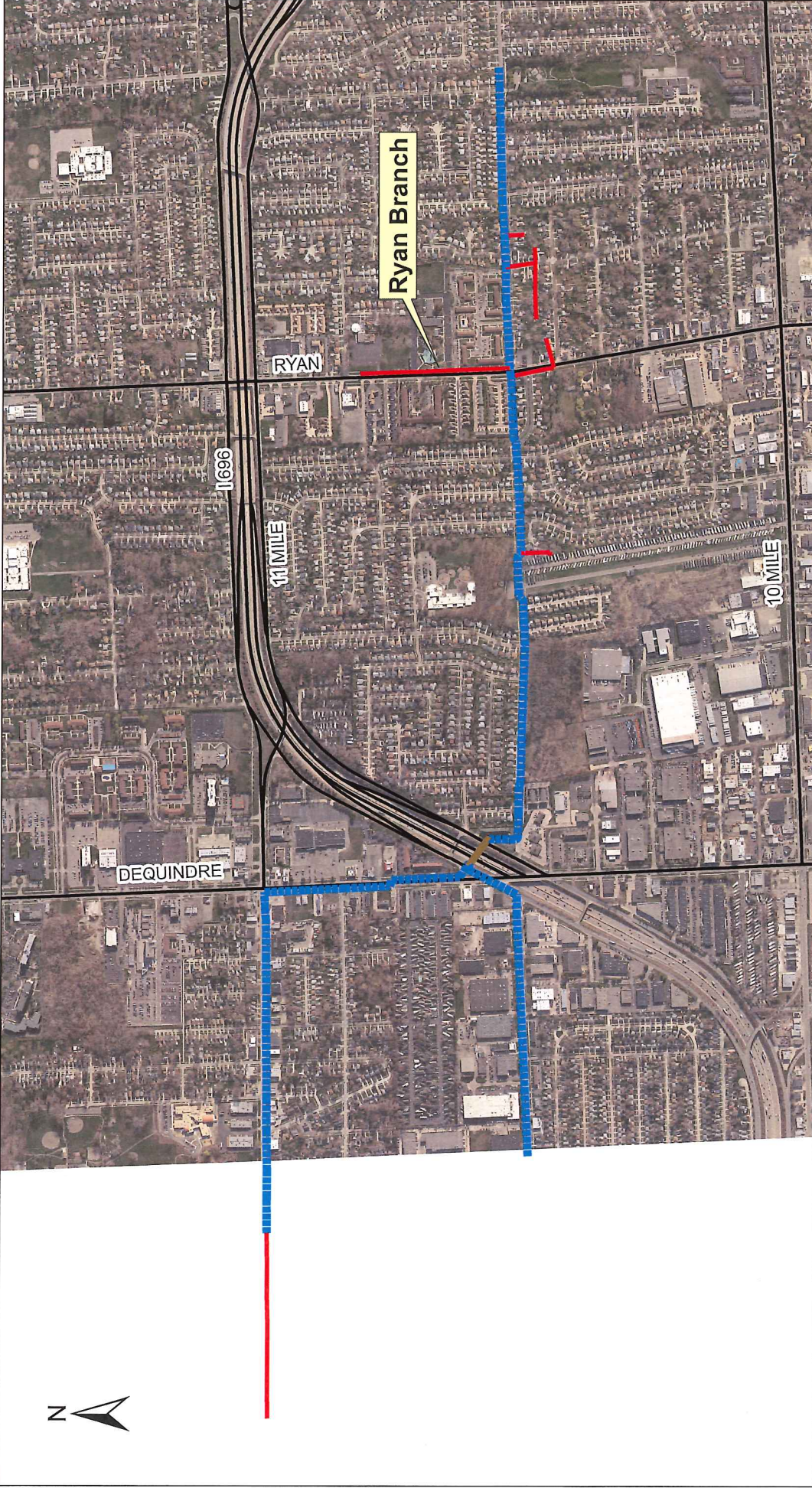
Gregg
Miller
Nash

SHARKEY RELIEF
INTER-COUNTY DRAINAGE BOARD
JANUARY 22, 2019
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 December 19, 2018	3
5. SAW Grant Update – Jeff Bednar	5
6. Consideration of approval of invoice:	7
See attached spreadsheet	
7. Financial Update – Bruce Manning	8
8. Old Business	
9. New Business	
10. Adjourn	

SHARKEY RELIEF & RYAN BRANCHES - ENCLOSED

WARREN / OAKLAND COUNTY - CHAPTER 21



Legend

- Enclosed Gravity**
 - < 60" Dia (Red line)
 - >= 60" Dia (Blue dashed line)
- Open Channel**
 - Ditch (Blue double line)
 - Pond (Blue dashed line with dots)
- Culvert (Black dashed line)



Drain Length (Feet/Miles):
22,758.34 / 4.31

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 December 19, 2018.

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, Bruce Manning, Financial Manager, Jeff Bednar, P.E., CFM, Environmental Resources Manager, Tom Stockel, Construction Engineer, Dan Heaton, Public Relations Manager, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Brady Harrington, Michigan Department of Agriculture & Rural Development; Lou Urban, P.E., Sydney Kanan, EIT, Anderson, Eckstein & Westrick, Inc.; Karen Ridgway, Applied Science; James VanHavermaat, P.E., City of Warren

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

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

Adopted: YEAS: 3
NAYS: 0

The minutes of the meeting of November 28, 2018 were presented. A motion was made by Ms. Vaara, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

Ms. Kanan, Anderson, Eckstein & Westrick, Inc. (AEW) provided a SAW Grant update to the Board. The district delineation performed by Fahey, Schultz, Burzych, Rhodes, PLC determined that the Sharkey Relief – Ryan Branch is part of the main drainage district. AEW will conduct its inspection and inventory of the Ryan Branch. Doetsch will CCTV the remaining 850 feet of drain in January. Once the inspection is complete, the siphons at I-696 will be cleaned. A hydraulic analysis to determine the frequency of siphon cleaning will be provided by AEW. A report on SAW Grant findings will be provided to the Board in late spring of 2019.

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

Adopted: YEAS: 3
NAYS: 0

The Chairman presented the invoice totaling \$3,055.00 as provided to the Board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

A motion was made Ms. Miller, supported by Ms. Vaara to consolidate the funds of the Sharkey Relief and Sharkey Relief – Ryan Branch.

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

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

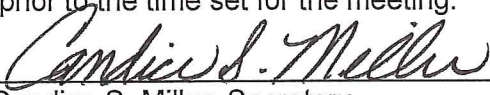
Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at approximately 10:17 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 December 19, 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, Secretary
Sharkey Relief Inter-County Drainage Board

DATED: 12/20/18

9585.bd

PROGRESS UPDATE

PROJECT: Sharkey Drain SAW Grant

SAW GRANT NO. 1404-01

UPDATE BY: Sydney Kanan

DATE: January 15, 2019

PROJECT BACKGROUND AND SUMMARY

Third Round SAW:	Awarded: December 2016 Due to MDEQ: October 2019
Stormwater Asset Management:	\$289,000. \$260,100 Grant, \$28,900 Match
Spent to Date:	\$172,026.77 (December 9, 2018)
Remaining Budget:	\$116,973.23

INVENTORY AND CONDITION ASSESSMENT

Manhole and Catch Basin GPS – COMPLETE

Manhole and Catch Basin Inspection – COMPLETE

Sewer Televising – COMPLETE

CCTV Review – COMPLETE

Siphon Inspection – 50%, Doetsch will clean the siphon and AEW will re-inspect.

NOTE: Tom Stockel is currently coordinating obtaining MDOT permit for siphon inspection. Cleaning will occur once the permit is obtained.

DISTRICT DELINEATION

Document Investigation – FSBR has completed their investigation and provided a draft legal opinion.

Document Analysis – AEW to prepare route and course based of draft legal opinion. Once complete FSBR will finalize legal opinion.

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 – 95% Complete - Need to perform analysis using PACP quick rating

Consequence of Failure – 50% Complete – Need to create map for each COF factor

BRE – 50% Complete

REHABILITATION

Options for Rehabilitation being considered – *AEW will review rehabilitation methods once criticality analysis is complete.*

Associated Costs – *AEW will prepare cost estimate for the associated repairs/recommendations once criticality analysis is complete.*

Level of Service – *100% Complete*

GREEN INFRASTRUCTURE

Status to Date – *AEW to incorporate the Bear Creek GI information into the Sharkey AMP.*

Needed Info – *TBD*

NEEDED FROM MCPWO OR OCWRC

- **OCWRC to investigate the potential illicit connection in front of Madison Heights High School.**

SHARKEY RELIEF DRAIN - 1/22/19

<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%						
	SAW Grant 1404-01 (Closing date 11/27/19)	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 4,178.60	Invoice #0119996 - 11/30/18 Engineering Services - 10/15/18 - 11/11/18	Engineering Oversight, Survey, CCTV Investigation	\$ 113,446.64
	SAW Grant 1404-01 (Closing date 11/27/19)	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 4,062.75	Invoice #0120393 - 12/19/18 Engineering Services 11/12/18 - 12/9/18	Engineering Oversight, Survey, CCTV Investiga	\$ 109,330.11
Total				\$ 8,241.35			

9619 bd

YTD Trial Balance

Fund: Sharkey Relief

As of Fiscal Period: Oct 1, 2018-Dec 31, 2018

	O&M Balance 9/30/2018	O&M	Total 12/31/2018
Cash - Operating	650,232	18,530	668,762
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		18,599	18,599
Expenditures		69	69
			0
Equity	650,232		668,762

NOTES

	Grant	Match	Total
SAW 1404-01	260,100	28,900	289,000
YTD	(159,997)	(17,555)	(177,552)
Remaining	100,103	11,345	111,448