

Gregg
Miller
Nash

SHARKEY RELIEF
INTER-COUNTY DRAINAGE BOARD
NOVEMBER 28, 2018
10:00 A.M.
AGENDA

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1. Call meeting to order and roll call	
2. Approval of Agenda	
3. Public participation	
4. Approval of minutes of meeting of October 24, 2018	3
5. SAW Grant Update – Jeff Bednar	6
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 & RYAN BRANCHES - ENCLOSED

WARREN / OAKLAND COUNTY - CHAPTER 21



Legend

- Enclosed Gravity
 - < 60" Dia
 - >= 60" Dia
- Open Channel
 - Ditch
 - Pond
- Culvert



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 October 24, 2018.

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

Brian Baker, Acting Secretary
Chief Deputy, Macomb County Public Works

Jim Nash, Member
Oakland County Water Resources Commissioner

ALSO PRESENT: Karen Czernel, Deputy, Bruce Manning, Financial Manager, Jeff Bednar, P.E., CFM, Environmental Resources Manager, Tom Stockel, Construction Engineer, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Anne Vaara, Chief Deputy, Steve Korth, P.E., Manager, George Nichols, P.E., Engineer III, Office of Oakland County Water Resources Commissioner

The Chairman called the meeting to order at 10:35 a.m.

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

Adopted: YEAS: 3
NAYS: 0

The minutes of the meeting of September 26, 2018 were presented. A motion was made by Mr. Baker, supported by Mr. Nash to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

Anderson, Eckstein & Westrick, Inc. (AEW) and Doetsch Environmental Services inspected the siphons and determined they needed to be cleaned in order to perform a condition assessment. Bids from three qualified contractors will be submitted to M-DOT for their review and approval. Once the pipes have been cleaned, a condition assessment can be done. Mr. Bednar will ask AEW to do a hydraulic impact study on the siphon that is two-thirds full to determine criticality of the cleaning.

Fahey, Schultz, Burzych, Rhodes, PLC determined that the Sharkey Relief – Ryan Branch is part of the main drain. Doetsch will complete a condition assessment on the Ryan Branch portion of the drain.

Mr. Manning discussed with the Board whether approval was needed to merge the monies from the Sharkey Relief and Sharkey Relief – Ryan Branch. This will be done at the next meeting when a formal opinion is presented to the Board from Fahey, Schultz, Rhodes, PLC.

A route and course certificate is not a priority at this time.

A motion was made by Mr. Baker, supported by Mr. Nash to receive and file the project update given by Mr. Bednar.

Adopted: YEAS: 3
NAYS: 0

The Chairman presented the invoices totaling \$6,860.50 as provided to the Board for review and approval.

A motion was made by Mr. Nash, supported by Mr. Baker to approve the invoices as presented.

Adopted: YEAS: 3
NAYS: 0

A motion was made by Mr. Baker, supported by Mr. Nash to receive and file the financial report presented by Mr. Manning.

Adopted: YEAS: 3
NAYS: 0

Mr. Korth presented Oakland County's financial report which has a \$1,060.07 cash balance.

A motion was made by Mr. Baker, supported by Mr. Nash to investigate and transfer Oakland County's cash balance to Macomb County's Sharkey Relief Drain fund and 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 Mr. Nash, supported by Mr. Baker, that the meeting of the Sharkey Relief Inter-County Drainage Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at approximately 10:55 a.m.



Brian Baker, Acting 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 24, 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.



Brian Baker, Acting Secretary
Sharkey Relief Inter-County Drainage Board

DATED: 10/29/18

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PROGRESS UPDATE

PROJECT: Sharkey Drain SAW Grant

SAW GRANT NO. 1404-01

UPDATE BY: Sydney Kanan

DATE: November 19, 2018

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:	\$163,786.02 (October 14, 2018)
Remaining Budget:	\$125,213.98

INVENTORY AND CONDITION ASSESSMENT

Manhole and Catch Basin GPS – *COMPLETE 95%, see note below*
Manhole and Catch Basin Inspection – *COMPLETE 95%, see note below*
Sewer Televising – *COMPLETE 95%, see note below*
CCTV Review – *COMPLETE 95%, see note below*
Siphon Inspection – *COMPLETE, AEW to provide report documenting the findings.*

NOTE: District delineation has confirmed that the Sharkey Ryan Branch is included under the jurisdiction of the Sharkey Inter-County Drain. AEW to GPS locate and inspect the additional structures. Doetsch will CCTV the additional lines.

DISTRICT DELINEATION

Document Investigation – FSBR has completed their investigation and provided a legal opinion.
Document Analysis – AEW to incorporate legal opinion, once it becomes available, to prepare map sets, easement inventory and route and course description.

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 – *COMPLETE*
Consequence of Failure – *95% Complete*
BRE – *95% Complete*

REHABILITATION

Options for Rehabilitation being considered – *AEW is reviewing rehabilitation methods.*
Associated Costs – *AEW is preparing a cost estimate for the associated repairs/replacements.*
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 - 11/28/18

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.	\$3,715.00	Invoice #119526 - 10/12/18 Engineering Services - 8/20/18 - 9/16/18	Engineering Oversight, Survey, CCTV Investigation	\$120,680.24
		Bednar	Fishbeck, Thompson, Carr & Huber, Inc.	\$720.00	Invoice #378189 - 10/15/18 Engineering Services - ending 10/5/18	SAW Grant Oversight	\$6,786.00
Total				\$ 4,435.00			

9525.bd

YTD Trial Balance

Fund: Sharkey Relief

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

	O&M Balance 9/30/2018	O&M	Total 10/31/2018
Cash - Operating	650,092	2,148	652,240
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		2,163	2,163
Expenditures		15	15
			0
Equity	650,092		652,240

NOTES

	Grant	Match	Total
SAW 1404-01	260,100	28,900	289,000
YTD	(151,488)	(16,832)	(168,320)
Remaining	108,612	12,068	120,680