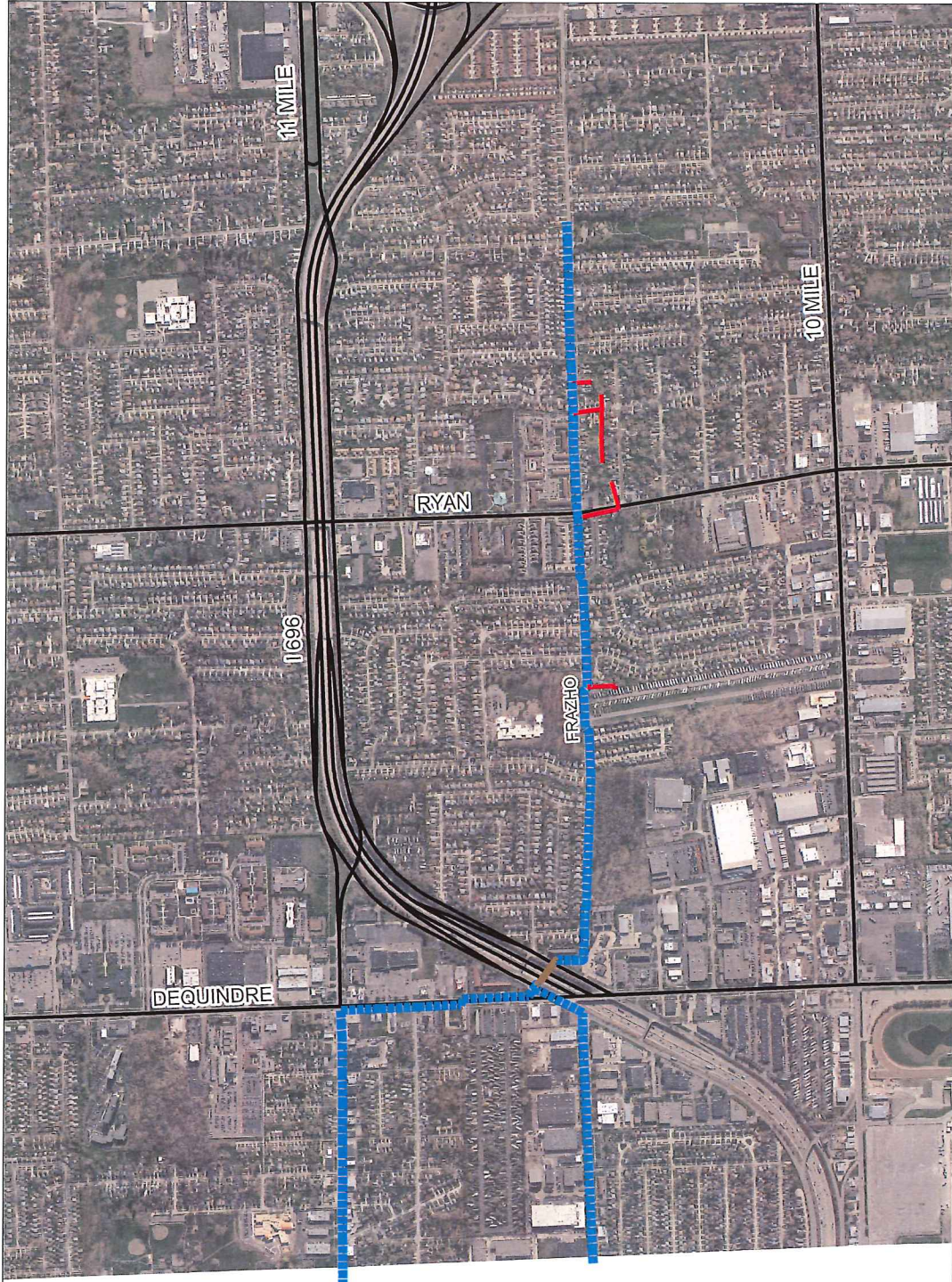


Gregg
Miller
Nash

SHARKEY RELIEF
INTER-COUNTY DRAINAGE BOARD
SEPTEMBER 27, 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 August 23, 2017	3
5. Consideration of approval of invoices:	5
See attached spreadsheet	
6. SAW Grant Update – Anderson, Eckstein & Westrick, Inc.	6
7. Financial Update – Bruce Manning	8
8. Old Business	
9. New Business	
10. Adjourn	

SHARKEY RELIEF



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

Legend

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

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 August 23, 2017.

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

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

Steve Korth, P.E., Member
Office of Oakland County Water Resources Commissioner

ALSO PRESENT: Keith Graboske, P.E., Chief Engineer, Tamara Keskeny, Real Property Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Manager, Madison Tanghe, Senior Secretary, Office of Macomb County Public Works Commissioner; Sydney Kanan, Graduate Engineer, Gordon Wilson, P.E., Anderson, Eckstein and Westrick, Inc. (AEW)

The Chairman called the meeting to order at 11:36 a.m.

A motion was made by Mr. Korth, supported by Mr. Baker and unanimously carried to approve the agenda as presented.

The meeting was open to the public participation, then closed, there being no comments from the public.

The minutes of the meeting of July 26, 2017 were presented. A motion was made by Mr. Baker, supported by Mr. Korth and unanimously carried to approve the minutes as presented.

The Chairman presented the invoice total \$6,392.85 as provided to the board for review and approval.

A motion was made by Mr. Baker, supported by Mr. Korth to approve the invoice as presented.

AYES: Baker, Korth and Gregg

NAYS: None

Motion approved.

Ms. Kanan and Mr. Wilson (AEW) updated the Board on the Sharkey SAW Grant progress report.

The CCTV plans for 3.71 miles of pipe has been completed and sent to Doetsch Environmental Services. All structures have been re-named according to the OMCPWC naming convention. The manhole and catch basin GPS location has started. The CCTV work, manhole and catch basin GPS, manhole and catch basin inspection and Green infrastructure report outline are expected to be completed by December 2017. FTCH is oversighting the SAW Grant. There will not be a full inspection on the siphons.

A motion to receive and file the Anderson, Eckstein & Westrick, Inc. progress report was made by Mr. Baker, supported by Mr. Korth.

AYES: Baker, Korth and Gregg

NAYS: None
Motion Approved.

A summary of all Sharkey Relief Drain cash balances was provided. The O&M balance is \$648,064 and SAW Grant balance is \$284,636.

A motion to receive and file the Sharkey Relief Trial Balance, dated October 1, 2016 – July 31, 2017 as submitted was made by Mr. Baker, supported by Mr. Korth.

AYES: Baker, Korth and Gregg
NAYS: None
Motion Approved.

There being no further business coming before the Board, the meeting was adjourned at 11:44 a.m. by Mr. Gregg on a motion by Mr. Baker, supported by Mr. Korth and unanimously approved.



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 August 23, 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.



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

DATED: 8/24/17

Sharkey Relief Drain - 9/27/17

<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 SAW Grant 1404-01	Graboske	Anderson, Eckstein & Westrick, Inc.	\$ 3,180.25	Invoice #0114967 - 8/21/17 Engineering Services - 6/26/17 - 7/23/17	Engineering Oversight, Green Infrastructure	\$ 60,592.00
Total				\$ 3,180.25			

8925.bd

ANDERSON, ECKSTEIN & WESTRICK, INC. SHELBY TOWNSHIP, MICHIGAN CCTV INVESTIGATION COST Sharkey Relief SAW Grant <i>From DOETSCH Environmental</i> AEW PROJECT NO. 0211-0161	PROJECT :	Sharkey Relief SAW Grant - CCTV Investigation
	OWNER:	Inter-County Drainage Board
	PREPARED BY:	Sydney A. Kanan 08/25/17
	CHECKED BY:	Gordon B. Wilson, PE
	DATE:	08/25/17

WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Mobilization, Max 3%	1	LS	\$ 2,000.00	\$ 2,000.00
Final TV Investigation and Log, 06-12 inch Storm Sewers	1,184.00	Ft	\$ 2.00	\$ 2,368.00
Final TV Investigation and Log, 15-21 inch Storm Sewers	283.00	Ft	\$ 2.00	\$ 566.00
Final TV Investigation and Log, 24-36 inch Storm Sewers	1,034.00	Ft	\$ 2.00	\$ 2,068.00
Final TV Investigation and Log, 42-48 inch Storm Sewers	876.00	Ft	\$ 2.00	\$ 1,752.00
Final TV Investigation and Log, 54-66 inch Storm Sewers	3,905.00	Ft	\$ 2.00	\$ 7,810.00
Final TV Investigation and Log, 72-78 inch Storm Sewers	5,220.00	Ft	\$ 2.00	\$ 10,440.00
Final TV Investigation and Log, 114-120 inch Storm Sewers	8,323.00	Ft	\$ 2.00	\$ 16,646.00
Digital Copy (External hard Drive) of All Reports and Video	1.00	LS	\$ 500.00	\$ 500.00
Traffic Control and Maintenance	1.00	LS	\$ 5,000.00	\$ 5,000.00
TOTAL ESTIMATED CONSTRUCTION COST \$				49,150.00
CONTINGENCIES (10%)			\$	4,920.00
ENGINEERING (7.3%)			\$	3,590.00
CONSTRUCTION OBSERVATION (10%)			\$	4,920.00
CONSTRUCTION ADMINISTRATION (10%)			\$	4,920.00
TOTAL ESTIMATED COST				\$67,500.00

YTD Trial Balance

Fund: Sharkey Relief

As of Fiscal Period: Oct 1, 2016-August 31, 2017 .

	O&M Balance 9/30/2016	O&M	Total 8/31/2017
Cash - Operating	678,111	(30,048)	648,064
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		428	428
Expenditures		30,476	30,476
			0
Equity	678,111		648,064
	0.00		0.00

NOTES

SAW Grant(1404-01) Balance 282,780