

Gregg
Miller
Nash

BEAR CREEK
INTER-COUNTY DRAINAGE BOARD
MARCH 29, 2017
9:30 a.m.
(Please note time change)
AGENDA

1. Call meeting to order and roll call
2. Approval of Agenda
3. Public participation
4. Approval of minutes of meeting of January 25, 2017
5. Consideration of approval of invoices:

See attached matrix
6. Update on available funds in Bear Creek Drain
7. Bear Creek SAW Grant Update – Anderson, Eckstein & Westrick, Inc.
8. Old Business
9. New Business
10. Adjourn

A meeting of the Inter-County Drainage Board for the **BEAR CREEK DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan on January 25, 2017.

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

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

Jim Nash, Member
Oakland County Water Resources Commissioner

ALSO PRESENT: Candice Miller, Macomb County Public Works Commissioner, Keith Graboske, P.E., Chief Engineer, Lynne Seymour, P.E., Environmental Engineer, Lara Sucharski, Soil Erosion & Sediment Control Supervisor, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Philip Sanzica, P.E., Chief Deputy, Steve Korth, Manager, Joel Kohn, Engineering Systems Coordinator, Jacklyn Thomas, Staff Assistant, Office of Oakland County Water Resources Commissioner; Gordon Wilson, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick (AEW); Sal Saputo and Jim Kelley, Meadowbrook

The Chairman called the meeting to order. The minutes of the meeting of December 20, 2016 were presented. A motion was made by Mr. Nash, supported by Mr. Baker and unanimously carried to approve the minutes as presented.

The Chairman presented the following invoices to the board for review and approval:

Anderson, Eckstein & Westrick, Inc.
Invoice #0112283 – SAW Grant #1407-01
Engineering Services – 10/17/16 – 11/13/16 \$12,979.20

Anderson, Eckstein & Westrick, Inc.
Invoice #0112670 – SAW Grant #1407-01
Engineering Services – 11/14/16 – 12/11/16 \$ 7,294.00

Motion was made by Mr. Baker, supported by Mr. Nash to approve the above referenced invoices as presented.

AYES: Baker, Nash, Gregg

NAYS: None

Motion approved.

A project update was given Mr. Wilson. The project will be completed in April. An inventory and condition assessment was performed on all the pipes in the system. Evidence shows that there is minor structural damage (pictures will be provided) and a lot of woody debris at the outlets. A Request for Proposal (RFP) has been written to remove the woody debris. GIS maps were created and schema updates are complete and in compliance. Fishbeck, Thompson, Carr & Huber, Inc. (FTC&H) will review this information. All CCTV information is on video and will be available for review. A business risk evaluation plan should be completed by February 15,

2017. AEW has been meeting with various agencies with regard to green infrastructure. Multiple green infrastructure goals will be outlined and available for the March meeting. Some tasks under the MS4 will be carried out as required by the Storm Water Management Plan. AEW is looking at ways to maintain a level of service in the most cost-effective way, which will be in the final report. It will provide the long-term sustainability of the drainage system and all of the infrastructure within the system. Before the plan can be finalized, it will be determined what the district can afford. Exact locations of the drain that are in need of repair will be provided by February 7, 2017. The green infrastructure locations will be ready by February 15, 2017. The Capital Improvement Plan (CIP) and asset management plan will be completed by March 1, 2017. Oakland and Macomb County will work together on the results. A study was done on the GM Tech Center site. The Bear Creek was not built to handle a 500-year event or even a lesser event. The hydraulics will be very minimal unless substantial improvements are made. AEW performed a critical bridge analysis for the City of Warren that will be included in the final report.

The next meeting was scheduled for March 29, 2017.

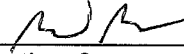
A motion to receive and file the Anderson, Eckstein & Westrick, Inc. report was made by Mr. Baker, supported by Mr. Nash

AYES: Baker, Nash, Gregg

NAYS: None

Motion approved.

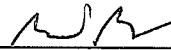
There being no further business coming before the Board, the meeting was adjourned at 11:18 a.m. by Mr. Gregg on a motion by Mr. Baker, supported by Mr. Nash and unanimously approved.



Brian Baker, Acting Secretary
Bear Creek 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 January 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.



Brian Baker, Acting Secretary
Bear Creek Inter-County Drainage Board

DATED: 1/26/17

Bear Creek Drain - 3/29/17

<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>
Bear Creek	Chapter 21 SAW 1407-01	Seymour	Anderson, Eckstein and Westrick, Inc.	\$ 9,930.00	Invoice #113207 - Engineering Services - 1/9/17 - 2/5/17	Engineering Oversight, Manhole & CB Inspection, GIS Mapping, GPS Surveying and CCTV Coordination	\$95,905.22 Plus 10% Match Requirement
	SAW 1407-01	Seymour	Anderson, Eckstein and Westrick, Inc.	\$ 3,290.50	Invoice #0112885 - Engineering Services - 12/12/16 - 1/8/17	Engineering Oversight, Manhole & CB Inspection, GIS Mapping, GPS Surveying and CCTV Coordination	\$105,835.22 Plus 10% Match Requirement

Total \$ 13,220.50

YTD Trial Balance

Fund: Bear Creek

As of Fiscal Period: Oct 1, 2016-Feb 28, 2017

	No Project	SAW 1407-01⁽²⁾	YTD Balance Total Fund
Cash - Operating⁽³⁾	169,930.53	15,994.72	185,925.25
Accounts Receivable			0.00
Assets			0.00
Liabilities⁽¹⁾		3,290.50	3,290.50
Revenues	5,015.20	71,278.65	76,293.85
Expenditures	15,665.67	37,151.00	52,816.67
			0.00
Equity	180,581.00	(21,423.43)	159,157.57
	0.00	0.00	0.00

NOTES

- 1) Grant A/P AEW 3,290.50
- 2) Funds for the SAW grant are requested on a monthly basis and requires a 10% match
See attached for more detail
- 3) Does not include assessment cash of \$80,025

**SAW GRANT 1407-01
THROUGH REQUEST # 19
FEBRUARY 28, 2017**

Date	Invoice #	Vendor	Amount	Draw #
8/15/2016	111105	AEW	\$8,315.50	14
9/20/2016	111475	AEW	\$7,636.00	15
10/10/2016	111630	AEW	\$9,704.20	16
11/7/2016	112093	AEW	\$12,911.30	17
1/23/2017	112885	AEW	\$3,290.50	19
5/28/2015	106245	Anderson, Eckstein & Westrick	\$78,747.20	1
6/18/2015	106490	Anderson, Eckstein & Westrick	\$22,814.10	2
7/21/2015	106793	Anderson, Eckstein & Westrick	\$1,825.50	3
8/14/2015	107146	Anderson, Eckstein & Westrick	\$10,967.00	4
9/18/2015	107484	Anderson, Eckstein & Westrick	\$25,136.80	5
10/12/2015	107782	Anderson, Eckstein & Westrick	\$110,902.42	5
11/12/2015	108090	Anderson, Eckstein & Westrick	\$4,507.10	6
12/11/2015	108408	Anderson, Eckstein & Westrick	\$23,759.06	7
1/6/2016	108723	Anderson, Eckstein & Westrick	\$24,520.00	7
2/4/2016	109016	Anderson, Eckstein & Westrick	\$8,185.10	8
2/25/2016	109299	Anderson, Eckstein & Westrick	\$25,489.00	8
3/23/2016	109531	Anderson, Eckstein & Westrick	\$17,628.10	9
4/21/2016	109902	Anderson, Eckstein & Westrick	\$21,171.00	10
5/19/2016	110175	Anderson, Eckstein & Westrick	\$20,755.20	11
6/15/2016	110492	Anderson, Eckstein & Westrick	\$8,914.50	12
12/1/2016	112283	Anderson, Eckstein & Westrick	\$12,979.20	18
12/22/2016	112670	Anderson, Eckstein & Westrick	\$7,294.00	18
3/23/2016	347387	FTCH	\$1,945.00	9
4/18/2016	349002	FTCH	\$1,231.50	10
6/13/2016	352179	FTCH	\$875.00	12
5/16/2016	350598	FTCH	\$2,142.50	13
7/25/2016	110837	FTCH	\$6,312.00	13
7/11/2016	353759	FTCH	\$1,142.00	13
8/8/2016	355332	FTCH	\$902.00	14
9/5/2016	356815	FTCH	\$373.50	15
10/3/2016	358327	FTCH	\$1,000.50	16
10/31/2016	359846	FTCH	\$338.00	17
11/29/2016	361370	FTCH	\$338.00	18
TOTAL INVOICES			\$484,052.78	
Less 10% Match			\$48,405.28	
Grant Requested			\$435,647.50	
TOTAL GRANT			579,600.00	
Balance on grant			\$143,952.50	

An adjourned meeting of the Inter-County Drainage Board for the **Bear Creek Enclosure** was held in the Macomb County Public Works Office, 115 South Groesbeck, Mount Clemens, Michigan on October 6, 1998.

PRESENT: Jeffrey Friedle, Acting Chairman
Deputy Director, Michigan Department of Agriculture

Anthony V. Marrocco, Secretary
Macomb County Public Works Commissioner

William Klockow, Member
Oakland County Deputy Drain Commissioner

ALSO PRESENT: Fred Fuller, St. Clair County Drain Commissioner; John Jones, Ira Township Supervisor; Tim Lozen, Freeman McKenzie; Robert P. Thomas, Member of the public; and the following employees of the Macomb County Public Works office: Kenneth Bonin, Chief Engineer; Fred Barnes, Engineer; William Misterovich, Legal Affairs Coordinator; Joseph Cloft, Finance Officer; and Robert Sinnamon, Project Coordinator.

The Acting Chairman called the meeting to order at 12:15 P.M. and the minutes of June 16, 1998 were read. A motion was made by Mr. Marrocco, seconded by Mr. Klockow, to approve the minutes as presented.

Ayes: Mr. Marrocco, Mr. Klockow, Mr. Friedle

Nays: None

Motion adopted.

A discussion was held regarding the amount of funds required for operation and maintenance and the surplus funds available to public corporations in the Drainage District for additional drain improvements. Fund balance as of September 30, 1998 was \$890,000. Mr. Barnes stated that he personally inspected the corrugated pipe of the Bear Creek Enclosure in 1983 or 1984. The pipe was in excellent condition and there were no signs of deterioration of the interior. Mr. Misterovich said there was no need to hold too much in reserve since that account was not designed to replace the entire enclosure. If complete replacement was ever necessary, an assessment would be required.

Following the close of discussion, a motion was made by Mr. Marrocco, seconded by Mr. Klockow, and unanimously carried to designate \$700,000 as the reserve for operation and maintenance and \$190,384 as the amount available as surplus funds, to be credited to the public corporations in the Drainage District according to their original


apportionments, as outlined in the attached Financial Report prepared by the Macomb County Public Works Office.

Ayes: Mr. Marrocco, Mr. Klockow, Mr. Friedle
Nays: None
Motion adopted

Mr. Misterovich presented a request by the City of Warren for a transfer of \$55,000 for the Warren Catch Basin Repair Project No. 5. Motion was made by Mr. Marrocco, seconded by Mr. Klockow, and unanimously carried to approve the request by the City of Warren for the transfer of \$55,000 to the Warren Catch Basin Repair Project No. 5. It was noted that approval of the \$55,000 fund transfer will reduce the surplus funds available to the City of Warren from \$98,620 to \$43,620.

AYES: Mr. Marrocco, Mr. Klockow, Mr. Friedle
NAYS: None
Motion adopted

There being no further business coming before the Board, a motion was made by Mr. Marrocco, seconded by Mr. Klockow, and unanimously carried, to adjourn the meeting at 12:24 P.M.



Anthony V. Marrocco, Secretary

Dated 11-25-98



Macomb County
Public Works Commissioner
Anthony V. Marrocco

Bear Creek Enclosure Drain

Financial Report

October 6, 1998

Fund balance as of September 30, 1998:	\$ 890,384
Amount recommended as reserve for operation and maintenance:	<u>700,000</u>
Gross surplus funds	\$ 190,383
Less surplus amounts previously credited to public corporations retained in account	<u>(79,272)</u>
Net additional surplus	\$ 111,112

Allocation of surplus funds to public corporations in Drainage District
based upon original apportionment of costs dated January 5, 1962:

	Apportionment	Net Additional Surplus	Retained Surplus	Gross Surplus
City of Warren	88.75696%	\$ 98,620	*	\$ 98,620
City of Hazel Park	7.18499%	7,893	50,656	58,639
City of Madison Heights	1.71660%	1,907	12,103	14,010
County of Oakland	0.85702%	952	6,043	6,995
County of Macomb	0.82188%	913	5,795	6,708
State of Michigan	<u>0.66305%</u>	<u>737</u>	<u>4,675</u>	<u>5,412</u>
	100.00000%	\$111,112	\$ 79,272	\$ 190,384

* The City of Warren's prior surplus was \$625,799. It was expended in full as a result of transfers in the amount of \$560,000 approved August 13, 1997 for the Warren Catch Basin Repair Project No. 4 and \$65,779 approved June 16, 1998 for the Warren Catch Basin Repair Project No. 5.



Macomb County
Public Works Commissioner
Anthony V. Marrocco

Bear Creek Enclosure Drain

Financial Report

October 6, 1998

Fund balance as of September 30, 1998:	\$ 890,384
Amount recommended as reserve for operation and maintenance:	<u>700,000</u>
Gross surplus funds	\$ 190,383
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Friedle
Marrocco
Kuhn

Agenda

Bear Creek Enclosure Drain
October 6, 1998
11:30 AM

1. Approve minutes of June 16, 1998.
2. Public participation.
3. A discussion was held regarding the amount of funds required for operation and maintenance and the surplus funds available to public corporations in the Drainage District for additional drain improvements. Following the close of discussion, a motion was made by Marrocco, supported by Klockow, to designate \$700,000 as the reserve for operation and maintenance and \$190,383 as the amount available as surplus funds, to be credited to public corporations in the Drainage District according to their original apportionments, as outlined in the attached Financial Report prepared by the Macomb County Public Works office.
4. Request by City of Warren for transfer of \$55,000 for the Warren Catch Basin Repair Project No. 5. Motion was made by Marrocco, supported by Klockow, to approve the request by the City of Warren for the transfer of \$55,000 to the Warren Catch Basin Repair Project No. 5.

It was noted that approval of the \$55,000 fund transfer will reduce the surplus funds available to the City of Warren from \$98,620 to \$43,620.

Adjourn.