

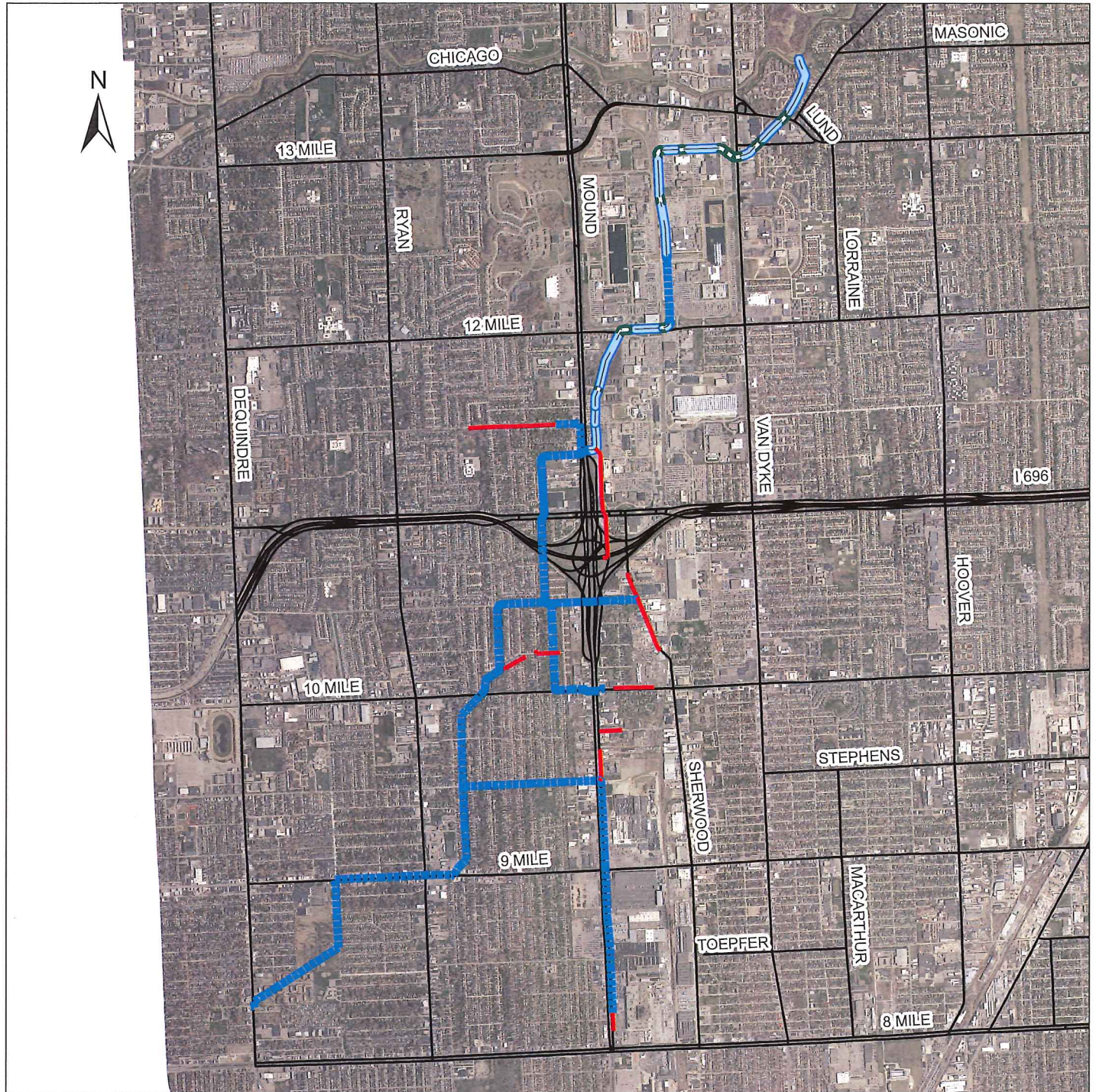
Gregg  
Miller  
Nash

BEAR CREEK  
INTER-COUNTY DRAINAGE BOARD  
MARCH 28, 2018  
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 February 28, 2018	3
5. Progress Report Update – Jeff Bednar	6
6. Liability Insurance Coverage Proposal – Stephen Saph (Additional information provided at meeting)	8
7. Consideration of approval of invoices:	10
See attached spreadsheet	
8. Financial Update – Bruce Manning	11
9. Old Business	
10. New Business	
11. Adjourn	

# BEAR CREEK DRAIN (INTER COUNTY) & BRANCHES

## CENTERLINE/WARREN/OAKLAND COUNTY



### Legend



Drain Length (Feet/Miles):  
87,023.47 / 16.48

- | Enclosed Gravity                             | Open Channel |
|--|--------------|
| <span style="color: red;">—</span> < 60" Dia | Ditch        |
| ≥ 60" Dia                                    | Pond         |
| Culvert                                      |              |



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 February 28, 2018.

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

Candice Miller, Secretary  
Macomb County Public Works Commissioner

Jim Nash, Member  
Oakland County Water Resources Commissioner

ALSO PRESENT: Joe Suma, Lapeer County Drain Commissioner; Robert Wiley, St. Clair County Drain Commissioner; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Evans Bantios, P.E., Construction and Maintenance Manager, Tom Stockel, Construction Manager, Jeff Bednar, P.E., CFM, Environmental Engineer, Dan Heaton, Public Relations Manager, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Steve Korth, P.E., Manager, Office of Oakland County Water Resources Commissioner

The Chairman called the meeting to order at 10:05 a.m.

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

Adopted: YEAS: 3  
NAYS: 0

The minutes of the meeting of January 24, 2018 were presented. A motion was made by Mr. Nash, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 3  
NAYS: 0

It is more cost-effective to have Mr. Bednar update the Board on routine matters, rather than paying the engineering firms. Mr. Gregg agreed that it is fiscally prudent for the Board to save money wherever possible. Moving forward, the engineers will attend meetings on an as-needed basis. The condition assessment proposal for the Warren Branches with Anderson, Eckstein & Westrick, Inc. (AEW) has been updated. At the January 24, 2018 meeting, the Board authorized \$25,000 for AEW to continue work on this task. Once AEW determines the assets, Doetsch will perform its condition assessment. The Board was asked to approve the contract for the condition assessment with a not-to-exceed amount of \$68,000, minus the previously approved \$25,000. The MCPWO will handle project management with Doetsch. Until AEW determines the total lineage footage of the drain, a final contract price cannot be determined for Doetsch. Doetsch will hold their contract prices at \$2 per lineal foot for this project.

Drain records in the Macomb County Public Works Office (MCPWO) from 1980 back to the establishment of the drains were previously put on microfiche. The MCPWO is looking to hire someone to convert the microfiche film to searchable PDFs.

Mr. Bednar asked AEW to put the route and course and easement inventory proposals on hold until the condition assessment is complete. Money would be best used on repairs. Due to

weather and unforeseen events, Oakland County has not been able to survey the Bear Creek Extension.

The Bear Creek Green Infrastructure proposal with AEW is an overlap of services as the Macomb County's Stormwater Standards incorporates green infrastructure into new and redevelopment projects. This proposal has been put on hold.

There is a separated pipe on the drain that needs repair. AEW estimated the cost of repair at \$20,000.

A motion was made by Ms. Miller, supported by Mr. Nash to authorize a not-to-exceed amount of \$35,000 for repair of approximately 60 lineal feet of pipe on the Bear Creek with the contract administered by Macomb County. An update will be provided at the next meeting.

Adopted: YEAS: 3  
NAYS: 0

AEW updated the estimate for known defects in the drain to be \$462,000. A motion was made by Ms. Miller, supported by Mr. Nash to approve a not-to-exceed amount of \$68,300 for professional services with AEW and authorize the Chairman of the Board to sign the proposal on behalf of the Board.

Adopted: YEAS: 3  
NAYS: 0

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

Adopted: YEAS: 3  
NAYS: 0

A contract for the Doetsch condition assessment will be brought to the Board next month.

Adopted: YEAS: 3  
NAYS: 0

The district delineation contract is complete.

The Chairman presented the invoices totaling \$20,581.50 as provided to the board for review and approval.

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

Adopted: YEAS: 3  
NAYS: 0

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

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Mr. Nash, supported by Ms. Miller, that the meeting of the Bear Creek Inter-County Drainage Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

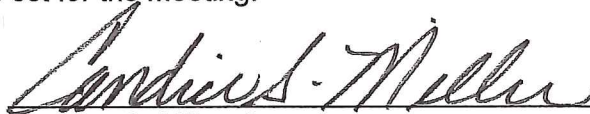
The meeting was adjourned at approximately 10:32 a.m.



Candice S. Miller, 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 February 28, 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  
Bear Creek Inter-County Drainage Board

DATED: 3/1/18

9150.bd

# PROGRESS UPDATE

**PROJECT:** Bear Creek Infrastructure Rehabilitation  
Bear Creek District Delineation  
Bear Creek Green Infrastructure

**DATE:** March 12, 2018

**UPDATE BY:** Sydney Kanan

---

## BEAR CREEK INFRASTRUCTURE REHABILITATION

### Tasks accomplished:

- a. Provided preliminary estimate for rehabilitation and replacement repairs. (\$785,330.00)
- b. AEW, MCPWO and OCWRC conducted a meeting to discuss prioritization of rehabilitation locations.
  - a. Based on this meeting a revised estimate was provided (\$601,260).

### Anticipated tasks:

- a. AEW to postpone infrastructure rehabilitation until the condition assessment, review and recommendation are complete for the Bear Creek Branches.

### Requested Information/Actions from MCPWO or OCWRC:

- a. MCPWO to look into cutting down the tree over structure 016C088.

## BEAR CREEK DISTRICT DELINEATION

### Tasks accomplished:

- a. District delineation is complete and has determined the Bear Creek Warren Branches and Bear Creek Warren Branch No. 2 are a part of the Bear Creek and that the Bear Creek Extension is its own drain.
- b. AEW has compiled three (3) proposals for professional services as follows;
  - Proposal 1 – Route and Course Certificate (Main Line and Branches) – ON HOLD by MCPWO
  - Proposal 2 – Condition Assessment (Branches) - APPROVED
  - Proposal 3 – Easement Inventory (Main Line and Branches) – ON HOLD by MCPWO
  - Authorization for additional services to include a metes and bounds description of the Warren Branches and East Route.

### Anticipated tasks:

#### Bear Creek Extension

- a. Oakland County WRC to field verify physical existence of the Bear Creek Extension and report findings at the January meeting.
  - Depending on the results of the field investigation, potential coordination with Fahey, Schultz, Burzych, Rhodes may be needed to execute petition.

**Route and Course Certificate**

- a. On hold. This is problematic due to the inability to tie the Warren Branches and East Route to the main line route and course metes and bounds description.

**Condition Assessment**

- a. Structure GPS – **COMPLETE**
- b. Structure Inspection – Scheduled to start April 2, 2018 for the Warren Branches and East Route
- c. CCTV Inspection –MCPWO is currently in the process of engaging Doetsch.

**Easements**

- a. On hold.

**Accounting/Apportionments**

- a. MCPWO to discuss consolidating tributary drains with the Warren Branches to be transferred to a Chapter 20 drain.
- b. Apportionments will be discussed further pending ownership discussion.

**Tributary Drains**

- a. AEW is performing a district delineation for the Sharkey Relief Drain.

**Requested Information/Actions from MCPWO or OCWRC:**

- a. MCPWO to engage Doetsch for CCTV work.
- b. MCPWO to provide AEW with a copy of the signed Authorization for Additional Work and Proposal 2 for their records.
- c. AEW requesting approval of Proposals 1 and 3 by the MCPWO.
- d. Signed authorization for additional services to include a metes and bounds description of the Warren Branches and East Route.

**BEAR CREEK GREEN INFRASTRUCTURE**

**Tasks accomplished:**

- a. N/A

**Anticipated tasks:**

- a. Determine framework for introducing green infrastructure to communities within the Bear Creek Drainage District.

**Requested Information/Actions from MCPWO or OCWRC:**

- a. N/A

## Macomb County Inter-County Drains and Drainage Districts

Responding Insurance Carrier Proposals:

Trident Public Risk Solutions presenting **Argonaut Insurance Company**

Rating – A XIII Stable, Admitted

General Liability, Non-Owned Automobile Liability, and Public Officials' Liability – all afforded on an Occurrence basis excess of a retained limit.

The retained limit is applicable to both defense costs and the payment of third-party damages.

Defense expenses are outside of the limits of liability afforded by the carrier (payment of defense expenses will not reduce the available limits of liability).

An aggregate does not apply to the Automobile Liability coverage.

Excludes Employment Practices Liability.

Separate limits are afforded for each line of coverage (general liability, public officials', and automobile liability). Payment of damages for one line of coverage will not impact or reduce the limits available and dedicated to the remaining lines of coverage.

Each Occurrence Limit –	11,000,000
Aggregate Limit –	12,000,000
Retained Limit -	250,000
Annual Premium (excluding Terrorism) -	68,375
Additional Premium for Terrorism -	1,805
<b>Total Annual Premium -</b>	<b>70,180</b>

Stephen R. Saph Jr.

**Nickel & Saph, Inc. Insurance Agency**

586-463-4573

586-747-9315 – cell

586-463-3135 – fax

[stephenjr@nickelsaph.com](mailto:stephenjr@nickelsaph.com)

March 13, 2018



Chapter 21  
Expenses 10/1/2016 - 9/30/2017  
Insurance Cost Breakdown

<b>DRAIN NAME</b>	<b>DRAIN #</b>	<b>EXPENSES</b>	<b>PERCENT</b>	<b>AMT OF INS</b>
Bear Creek	<b>2000 Total</b>	262,883.98	18.304%	12,845.43
Clinton River Spillway	<b>2006 Total</b>	1,130,918.07	78.741%	55,260.59
McCoy Relief	<b>2007 Total</b>	4,461.99	0.311%	218.03
McCoy Relief Warren Brs	<b>2008 Total</b>	0.73	0.000%	0.04
Red Run Warren Branches	<b>2009 Total</b>	56.94	0.004%	2.78
Sharkey Relief	<b>2010 Total</b>	37,876.29	2.637%	1,850.77
Sharkey Ryan Branches	<b>2011 Total</b>	48.43	0.003%	2.37
	<b>Grand Total</b>	1,436,246.43	100.000%	70,180.00

Insurance Bill            70,180.00

BEAR CREEK - 3/28/18

<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	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 3,537.35	Invoice #0116954 - 2/21/18 Engineering Services - 1/8/18 - 2/4/18	District Delineation	Final Payment

**Total** \$ 3,537.35

**YTD Trial Balance**

**Fund: Bear Creek Combined**

**As of Fiscal Period: Oct 1, 2017-Feb 28, 2018**

	<b>O&amp;M Balance 9/30/2017</b>	<b>O&amp;M</b>	<b>Total 2/28/2018</b>
<b>Cash - Operating</b>	1,572,258	(41,422)	1,530,836
<b>Accounts Receivable</b>			0
<b>Assets</b>			0
<b>Liabilities <sup>(1)</sup></b>		49,323	49,323
<b>Revenues</b>		3,793	3,793
<b>Expenditures</b>		94,528	94,528
<b>Equity</b>	1,572,258		1,481,523
	0		

**NOTES**

1) Net amount of \$23,394 due to AEW for final invoices relating to SAW 1407.  
Final request is going under MS4 review at state level