

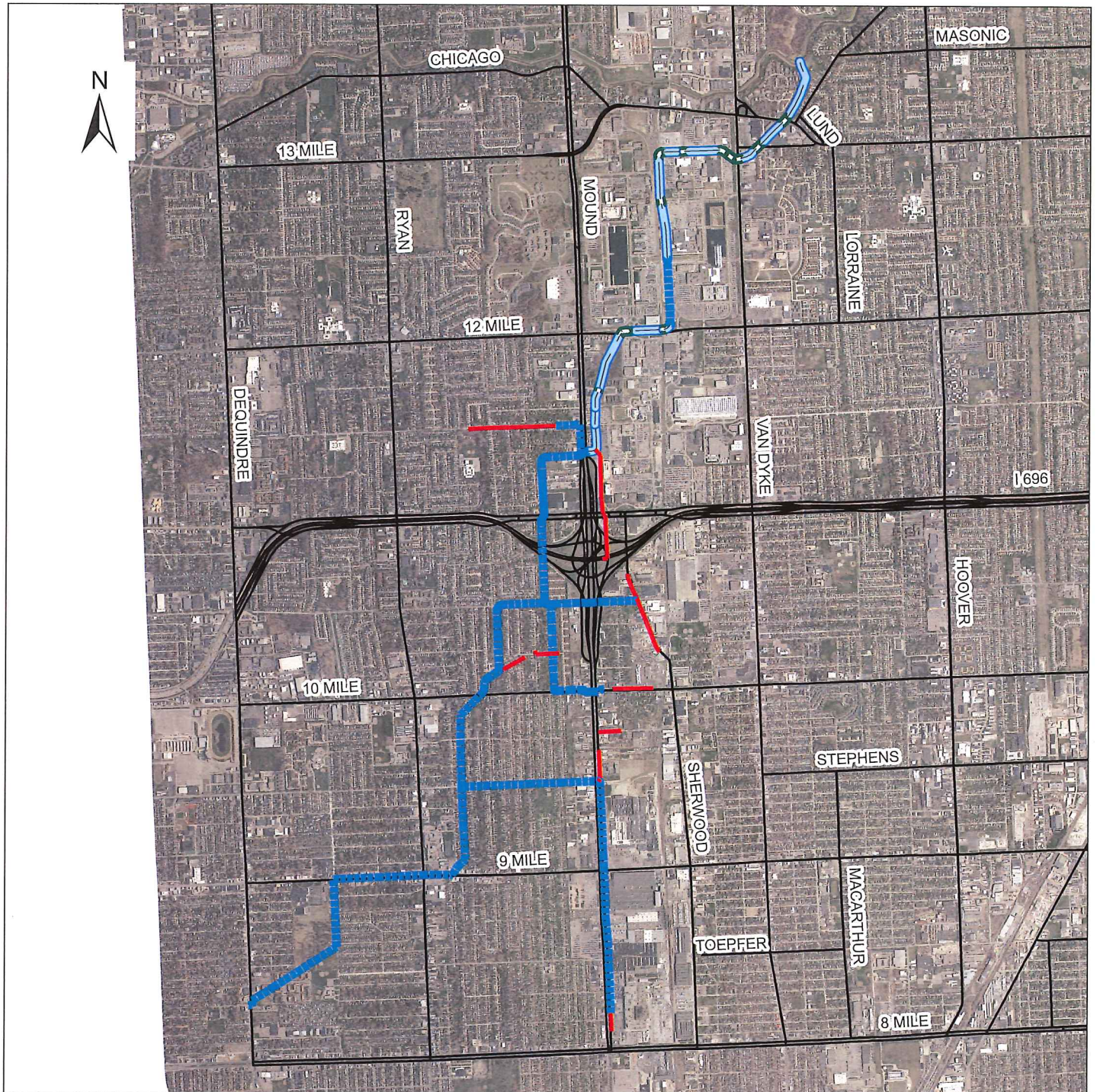
Gregg
Miller
Nash

BEAR CREEK
INTER-COUNTY DRAINAGE BOARD
SEPTEMBER 26, 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 August 22, 2018	3
5. Progress Report Update – Jeff Bednar	5
6. Concrete Removal Update – Tom Stockel	6
7. Consideration for approval of invoices:	7
See attached spreadsheet	
8. Financial Update – Bruce Manning	8
9. Old Business	
10. New Business	
11. Adjourn	

BEAR CREEK DRAIN (INTER COUNTY) & BRANCHES

CENTERLINE/WARREN/OAKLAND COUNTY



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

Legend

- | Enclosed Gravity | Open Channel |
|--|--------------|
| — < 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 August 22, 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: Brian Baker, Chief Deputy, Karen Czernel, Deputy, Bruce Manning, Financial Manager, Jeff Bednar, P.E., CFM, Environmental Engineer, Tom Stockel, Construction Engineer, Dan Heaton, Public Relations Manager, Amanda Oparka, Environmental Specialist, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Steve Korth, P.E., Manager, Office of Oakland County Water Resources Commissioner; Jordan Scott, City of Sterling Heights Dept. of Public Works

The Chairman called the meeting to order at 11:03 a.m.

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

Adopted: YEAS: 3
NAYS: 0

The minutes of the meeting of July 25, 2018 were presented. A motion was made by Ms. Miller, supported by Mr. Nash to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

Field work on the Warren Branches is almost complete. A blind-tap was installed in one of the branches and not sealed properly. When the collar was installed around the tap, the cement leached into the drain and the pipe is 90 percent blocked. Doetsch believes that it can jet the pipe to finish the inspection. Anderson, Eckstein & Westrick, Inc. is currently rating the condition of assets. A draft of the findings will be available late September. Fencing is being installed where the Bear Creek crosses Chicago Road. It will cost approximately \$1,700 to install fence on both sides of the road.

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

The Chairman presented the invoices totaling \$63,093.75 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. Manning.

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 11:12 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 August 22, 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: 8/24/18

9422.bd

PROGRESS UPDATE

PROJECT: Bear Creek

DATE: September 18, 2018

UPDATE BY: Sydney Kanan

1.) BEAR CREEK INFRASTRUCTURE REHABILITATION

- a. AEW 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.
- c. Based on this meeting a revised estimate was provided (\$601,260).
- d. AEW to postpone infrastructure rehabilitation until the condition assessment, review and recommendation are complete for the Bear Creek Branches.

2.) 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.

3.) 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.

4.) CONDITION ASSESSMENT

- a. Structure GPS – **COMPLETE**
- b. Structure Inspection – **COMPLETE**
- c. CCTV Inspection – **COMPLETE**
- d. Recommendation/Cost Estimate – 90% Complete
 - a. AEW has compiled a list of all defects rated 3, 4, or 5.
 - b. AEW, MCPWO, and OCWRC to schedule meeting to determine scope of proposed work.

5.) EASEMENT INVENTORY

- a. On hold.

6.) GREEN INFRASTRUCTURE

- a. On hold.

Requested Information/Actions from ICDB, MCPWO or OCWRC:

- a. AEW requesting approval of Proposals 1 and 3 by the MCPWO.

Doetsch
ENVIRONMENTAL SERVICES
21221 Mullin Ave. Warren MI 48089

August 24, 2018

Louis J. Urban, P.E.
Anderson, Eckstein and Westrick, Inc.
51301 Schoenherr Road
Shelby Twp., MI 48315

RE: Bear Creek Concrete Removal

Mr. Urban,

Doetsch Environmental Services will provide necessary high pressure cleaning and confined space equipment to remove the concrete from the Bear Creek Drain and clean the resulting debris that has settled out due to the concrete deposit.

- Confined space entry will be necessary to place vibratory cleaning equipment.
- Additional high pressure pumps will be used to operate high pressure vibratory cleaning equipment.
- Traffic control will be cones and signs.
- Water usage charges will be a pass thru
- Disposal and hauling will be \$.65 per gallon
- Source of blockage from concrete yard on west side of Sherwood, unsure of length of blockage.
- Work will be CCTV/PACP verified

Day rate: \$3,200.00

Please contact me with any questions or concerns.

Thank you for the opportunity to be of service,



Joseph G Schotthoefer IV

BEAR CREEK INTER-COUNTY DRAIN - 9/26/18

<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>Grant Balance</u>
Bear Creek Drain	Chapter 21	Keskeny	Aloia & Associates, P.C.	\$ 1,241.75	Invoice #17546 - 8/1/18 Legal Services - ending 7/31/18	Vacant Land - Marcy Street	
		Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 4,188.00	Invoice #0118606 - 8/9/18 Engineering Services - 6/25/18 - 7/22/18	Condition Assessment - Warren Branch	\$ 14,252.50
		Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 3,871.00	Invoice #0118947 - 9/7/18 Engineering Services - 7/23/18 - 8/19/18	Condition Assessment - Warren Branch	\$ 13,000.00
		Stoekel	Taylor Made Fence	\$ 1,775.00	Invoice #5184 - 8/27/18	Install fencing at 13 Mile Road	
			Total	\$ 11,075.75			

9446.bd

YTD Trial Balance

Fund: Bear Creek Combined

As of Fiscal Period: Oct 1, 2017-Aug 31, 2018

	O&M Balance 9/30/2017	O&M	Total 8/31/2018
Cash - Operating	1,572,258	(239,062)	1,333,196
Accounts Receivable ⁽¹⁾		75,534	75,534
Assets			0
Liabilities ⁽¹⁾		113,987	113,987
Revenues		9,404	9,404
Expenditures		286,919	286,919
Equity	1,572,258		1,294,743
	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