

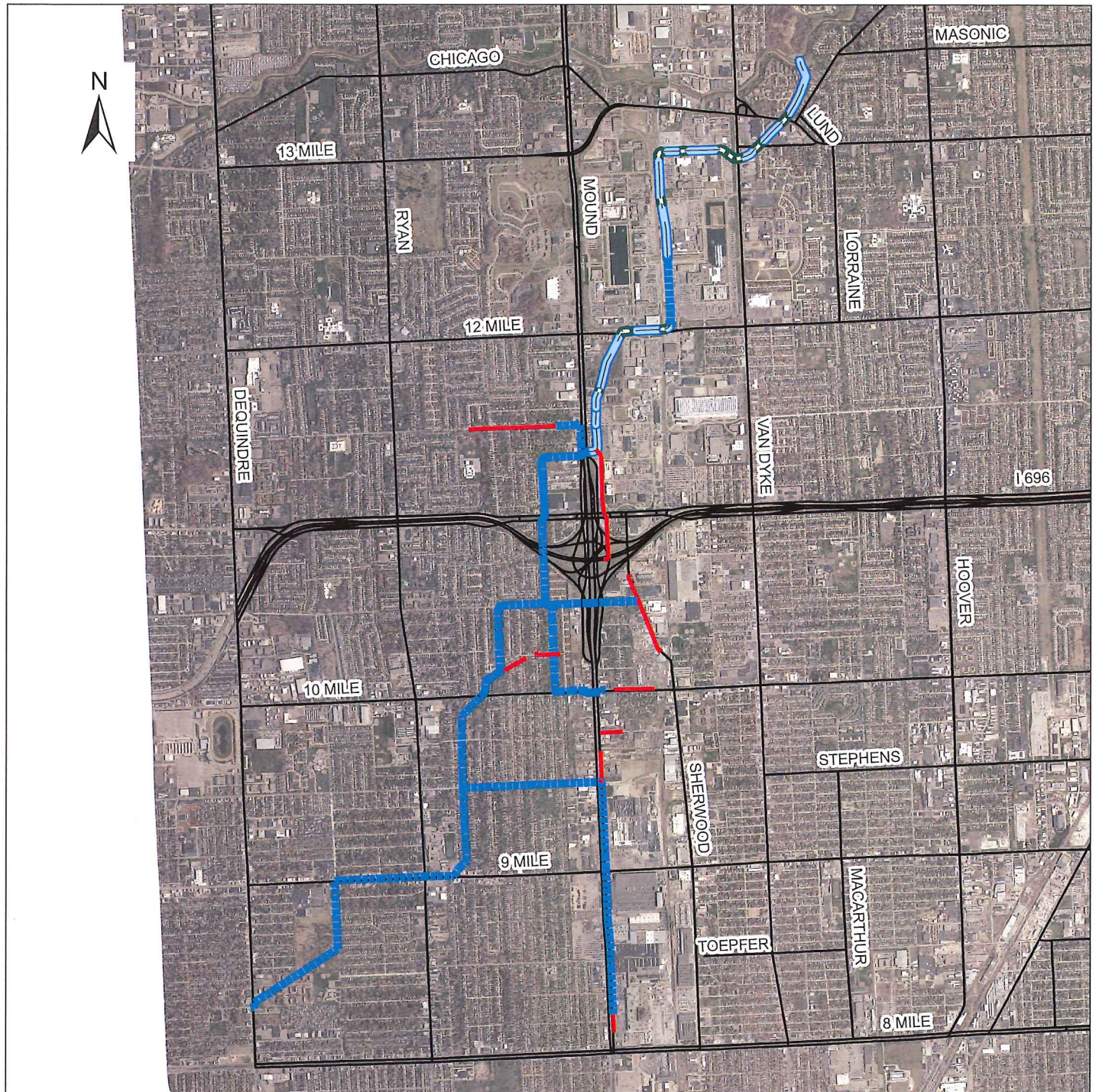
Gregg
Miller
Nash

BEAR CREEK
INTER-COUNTY DRAINAGE BOARD
DECEMBER 19, 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 November 28, 2018	3
5. Progress Report Update – Jeff Bednar	5
6. Bear Creek Updates – Lou Urban	
1. Asset Inventory/Condition Assessment	
2. Regional Storage/Daylighting/Capacity Improvements	
3. Hydraulic Analysis	
7. Consideration for approval of invoices:	6
See attached spreadsheet	
8. Financial Update – Bruce Manning	7
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 November 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: Brian Baker, Chief Deputy, Karen Czernel, Deputy, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Dan Heaton, Public Relations Manager, Ken Goike, Drain Operations Manager, Amanda Oparka, Environmental Specialist, 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, Jackie Thomas, Staff Assistant-HR, Ashley Johnson, Staff Assistant, Office of Oakland County Water Resources Commissioner; Brady Harrington, Michigan Department of Agriculture & Rural Development; James VanHavermaat, P.E., City of Warren; Jordan Scott, City of Sterling Heights Department of Public Works

The Chairman called the meeting to order at 11:07 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 September 26, 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

Ms. Oparka discussed a meeting that was held with General Motors (GM). GM was receptive to daylighting portions of the drain and developing a detention pond on a portion of their property. TACOM has property that is underutilized and could be potentially used for detention.

A motion was made by Mr. Nash, supported by Ms. Miller to receive the update given by Ms. Oparka and receive and file the written project updates for October and November from Anderson, Eckstein & Westrick, Inc. (AEW).

Adopted: YEAS: 3
NAYS: 0

The Chairman presented the invoices totaling \$24,361.50 as provided to the Board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

A motion was made by Mr. Nash, supported by Ms. Miller 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 11:15 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 November 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: 12/4/18

PROGRESS UPDATE

PROJECT: Bear Creek

DATE: December 11, 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. Progress meeting was held on December 10, 2018 with AEW and MCPWO to review draft of the report and recommendations.
 - b. AEW to provide a final draft of the report to MCPWO and OCWRC by January 30, 2019.

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.

BEAR CREEK INTER-COUNTY DRAIN - 12/19/18

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Grant Balance
Bear Creek Drain	Chapter 21	Bednar	Anderson, Eckstein & Westrick, Inc.	\$ 14,252.50	Invoice #0117839 - 6/4/18 Engineering Services - 4/2/18 - 4/29/18	Condition Assessment - Warren Branch	\$25,991.50 Fee/ \$13,000.00 Labor
			Anderson, Eckstein & Westrick, Inc.	\$ 6,636.00	Invoice #119525 - 10/12/18 Engineering Services - 8/20/18 - 9/16/18	Condition Assessment - Warren Branch	\$ 19,355.00
			Anderson, Eckstein & Westrick, Inc.	\$ 6,426.25	Invoice #119762 - 11/2/18 Engineering Services - 9/17/18 - 10/14/18	Condition Assessment - Warren Branch	\$ 13,825.00
			Anderson, Eckstein & Westrick, Inc.	\$ 2,363.75	Invoice #0119763 - 11/2/18 Engineering Services - 9/17/18 - 10/14/18	Hydraulic Study - Feasibility - GM Meetings	\$ 7,636.25
			Total	\$ 29,678.50			

YTD Trial Balance

Fund: Bear Creek Combined

As of Fiscal Period: Oct 1, 2018-Nov 30, 2018

	O&M Balance 9/30/2018	O&M	Total 11/30/2018
Cash - Operating	1,274,888	2,197	1,277,085
Accounts Receivable ⁽¹⁾	75,534		75,534
Assets			0
Liabilities ⁽¹⁾	98,929		98,929
Revenues		2,297	2,297
Expenditures		100	100
Equity	1,251,493		1,253,690

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