

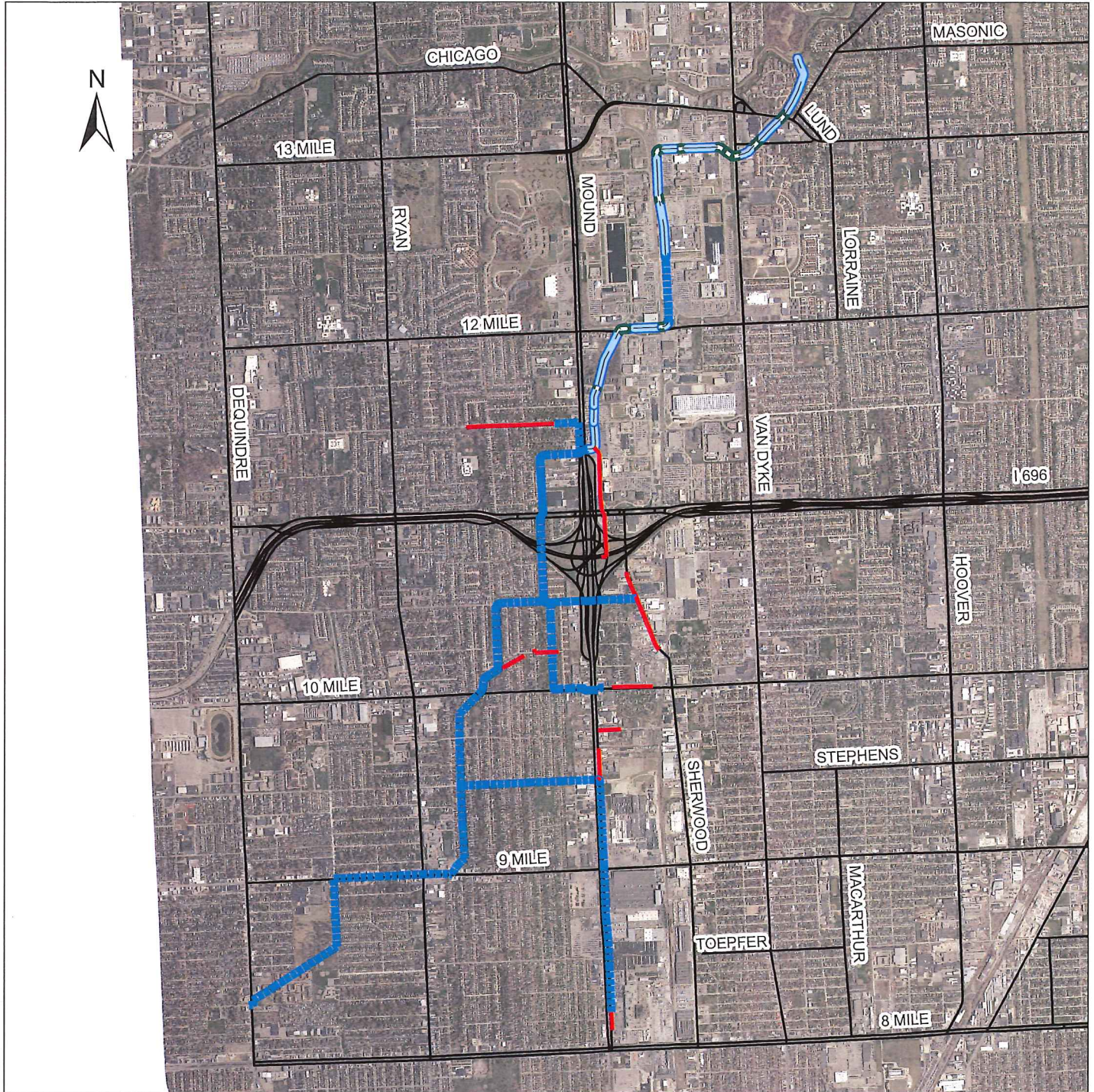
Gregg
Miller
Nash

BEAR CREEK
INTER-COUNTY DRAINAGE BOARD
APRIL 25, 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 March 28, 2018	3
5. Progress Report Update – Jeff Bednar	6
6. Liability Insurance Coverage Proposal – Stephen Saph	8
7. Award replacement of outfall corrugated metal pipe (CMP) to RG Eisenhardt Contracting, Inc. for a not-to-exceed amount of \$78,530 – Tom Stockel	12
8. Financial Update – Bruce Manning	13
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 March 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 Manager, Jeff Bednar, P.E., CFM, Environmental Engineer, Denise Harwood, Accountant, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Anne Vaara, Chief Deputy, Steve Korth, P.E., Manager, Joel Kohn, P.E., Engineering Systems Coordinator, Office of Oakland County Water Resources Commissioner

The Chairman called the meeting to order at 11:40 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 February 28, 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

A project kick-off meeting will be held on Thursday, March 29, 2018 with Anderson, Eckstein & Westrick, Inc. (AEW), Doetsch and the MCPWO to begin investigation work on the Bear Creek Drain – Warren Branches. Ms. Hissong will review the microfiche for the Bear Creek for missing documents. Ms. Miller will write a letter to the Warren City Mayor and Council to update them on drain work being done in the city.

Mr. Korth said a work order has been issued to Oakland County's maintenance department for the Bear Creek Enclosure Extension. An investigation will be done today as to whether the drain still exists.

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

Adopted: YEAS: 3
NAYS: 0

A motion was made by Ms. Miller, supported by Mr. Nash to receive and file Mr. Saph's report, authorize Macomb and Oakland Counties to collaborate on information, add the Red Run Inter-County Drain to the quote and to investigate alternative allocations.

Adopted: YEAS: 3
NAYS: 0

The Chairman presented the invoice totaling \$3,537.35 as provided to the board for review and approval.

A motion was made by Ms. Miller, supported by Mr. Nash to approve the invoice 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. Baker.

Adopted: YEAS: 3
NAYS: 0

A sinkhole was repaired on the GM property last year. The concrete wash will be removed this year. A pipe separated from a tap that needs repair. The cost for repair using concrete is \$78,000. Mr. Stockel asked for another quote using HDPE pipe and will bring it to the Board for their approval.

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 11:50 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 March 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: 4/10/18

9204.bd

PROGRESS UPDATE

PROJECT: Bear Creek

DATE: April 09, 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 DISTRICT DELINEATION – COMPLETE (will not be included on future progress updates)

- 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 include a metes and bounds description of the Warren Branches and East Route.

3.) 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.

4.) 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.

5.) CONDITION ASSESSMENT

- a. Structure GPS – **COMPLETE**
- b. Structure Inspection – Started 04/09/18 (Anticipated completion 04/27/18)
- c. CCTV Inspection – Can begin as soon as MCPWO engages Doetsch in contract.

6.) EASEMENT INVENTORY

- a. On hold.

7.) GREEN INFRASTRUCTURE

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

Requested Information/Actions from ICDB, MCPWO or OCWRC:

- a. MCPWO to engage Doetsch for CCTV work.
- b. AEW requesting approval of Proposals 1 and 3 by the MCPWO.
- c. MCPWO to look into cutting down the tree over structure 016C088.

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
Total Annual Premium -	70,180

Stephen R. Saph Jr.

Nickel & Saph, Inc. Insurance Agency

586-463-4573

586-747-9315 – cell

586-463-3135 – fax

stephenjr@nickelsaph.com

March 13, 2018

Chapter 21
Liability Insurance
Apportionment Options

DRAIN	EXPENSES-YEAR ENDING 9/30/2017			PAST 5 YEAR AVERAGE EXPENSES		
	EXPENSES	PERCENT	COST	EXPENSES	PERCENT	COST
Bear Creek	262,884	16.88%	11,846	216,293	17.14%	12,032
Clinton River Spillway	1,130,918	72.62%	50,962	780,500	61.87%	43,418
McCoy Relief	4,462	0.29%	201	2,668	0.21%	148
McCoy Relief Warren Branches	1	0.00%	0	6	0.00%	0
Red Run (all) ¹	53,017	3.40%	2,389	169,013	13.40%	9,402
Sharkey Relief	37,876	2.43%	1,707	17,930	1.42%	997
Sharkey Ryan Branches	48	0.00%	2	100	0.01%	6
Gibson (St Hgt-Troy) ²	0	0.00%	0	0	0.00%	0
Crapau Creek	0	0.00%	0	2,197	0.17%	122
Richmond-Columbus	68,178	4.38%	3,072	72,885	5.78%	4,054
Totals	1,557,384	100.00%	70,180	1,261,592	100.00%	70,180

DRAIN	WITHOUT GRANTS & BONDS			MILES		
	EXPENSES	PERCENT	COST	MILES	PERCENT	COST
Bear Creek	50,784	43.93%	30,829	11.01	27.39%	19,222
Clinton River Spillway	59,493	51.46%	36,116	2.14	4.98%	3,493
McCoy Relief	4,462	3.86%	2,709	3.54	8.23%	5,779
McCoy Relief Warren Branches	1	0.00%	0	3.28	7.63%	5,355
Red Run (all) ¹	57	0.05%	35	11.79	29.20%	20,495
Sharkey Relief	149	0.13%	90	4.03	9.37%	6,579
Sharkey Ryan Branches	48	0.04%	29	0.28	0.65%	457
Gibson (St Hgt-Troy) ²	0	0.00%	0	1.53	0.00%	0
Crapau Creek	0	0.00%	0	3.18	7.40%	5,191
Richmond-Columbus	611	0.53%	371	2.21	5.14%	3,608
Totals	115,605	100.00%	70,180	42.99	100.00%	70,180

DRAIN	AVAILABLE FUNDS
Bear Creek	\$ 1,019,060
Clinton River Spillway	\$ 74,689
McCoy Relief	\$ 270,214
McCoy Relief Warren Branches	\$ 52,655
Red Run (all) ¹	\$ 382,198
Sharkey Relief	\$ 650,221
Sharkey Ryan Branches	\$ 15,050
Gibson (St Hgt-Troy) ²	0
Crapau Creek	\$ 12,794
Richmond-Columbus	\$ 50,454

Total Insurance Premium	70,180.00
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¹All Red Run mileages and available funds are combined

²The Gibson drain has been inactive for years and has no available funds. Because the flow connects with Red Run and Bear Creek, Gibson's portions has been divided between Red Run and Bear Creek for mileage apportionment



Brian Baker <brian.baker@macombgov.org>

Inter-County Drains

1 message

Stephen Saph Jr <stephenjr@nickelsaph.com>

Wed, Apr 11, 2018 at 4:04 PM

To: Brian Baker <brian.baker@macombgov.org>

Cc: "Korth, Steven A" <korths@oakgov.com>, Jeff Bednar <jeff.bednar@macombgov.org>, Bruce Manning <bruce.manning@macombgov.org>, Michelle Amato <michelle@nickelsaph.com>

Per the comment below from our contact with Trident/Argonaut, we have been advised that we can add the additional exposures for the Red Run drains at no additional cost nor with any change to the proposed coverages. No change in premium due to the minimum premium situation with the initial quote.

Attached, please find an updated schedule of drainage districts that would be named as insureds should the boards decide to secure coverage.

If questions, just call. See you all on the 25th. Thanks.

"Provided underwriting with the updated list of drains and the additional budgets. There will be no change/additional premium."

Stephen R. Saph Jr.

Nickel & Saph, Inc. Insurance Agency

586-463-4573

586-463-3135 - FAX

586-747-9315 - CELL

stephenjr@nickelsaph.com



Macomb County Public Works Inter-County Drain Inventory - Revised.xlsx

11K

Macomb County Inter-County Drains Drainage Districts

Drain ID	Drain Name	Chapter ID	Community ID
1	2000 Bear Creek	21	WRRN
2	2001 Bear Creek Enclosure	21	WRRN
3	2002 Bear Creek GM Enclosure #2	21	WRRN
4	2003 Bear Creek Warren Branches	21	WRRN
5	2004 Bear Creek Warren Branches #2	21	WRRN
6	2005 Clinton River Basin Special Project	21	CLINT
7	2006 Clinton River Spillway	21	HARR
8	2007 Mc Coy Relief	21	WRRN
9	2008 Mc Coy Relief Warren Branches	21	WRRN
10	2009 Red Run Warren Drain	21	WRRN
11	Red Run Federal Drain	21	
12	Red Run Improvement	21	
13	Red Run Project 2 Drain	21	
14	2010 Sharkey Relief	21	WRRN
15	2011 Sharkey Relief/Ryan	21	WRRN
16	2012 Gibson (St. Hgt. - Troy)	21	Multi
17	2608 Richmond-Columbus (Inter County)	21	Multi
18	6000 Crapau Creek	6	Multi



RG Eisenhardt Contracting, Inc.

9738 GRATIOT
COLUMBUS, MI 48063

Macomb County Publics Works

Attn: Tom Stockel

9/22/17

REPLACEMENT OF EXISTING OUTFALL CMP FROM MANHOLE TO BEAR CREEK AT THE END OF FOREST CT.

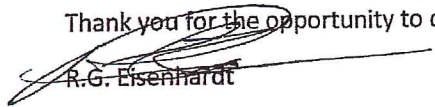
Our firm will provide all necessary labor, operators, teamsters, supervision and equipment to perform the following;

1. Mobilize all necessary equipment.
2. Clear all necessary trees and brush leading down to the creek.
3. Haul off and dispose of all trees and brush.
4. Supply, place and maintain all necessary silt fence to complete the project.
5. Supply, place and maintain all necessary safety fence around the entire work place.
6. Strip all sod and topsoil and stockpile for later use.
7. Dig up and locate existing manhole.
8. Excavate around and behind the existing manhole in order to locate the existing CMP piping.
9. Remove and dispose all of the existing CMP piping.
10. Enlarge the existing hole in the manhole in order to except the larger diameter concrete piping.
11. Raise the existing manhole to the now finished berm height.
12. Supply and place 85 feet of 30" CLIV concrete pipe including one end section.
13. Backfill around the manhole and piping.
14. Supply, place and shape all necessary Rip-Rap at the end section leading to the creek.
15. Replace all stockpiled topsoil back on the disturbed area.
16. Supply, place and grade 30 yds. of screened topsoil over the disturbed area.
17. Supply and place all necessary mulch mat on the extreme slopes.
18. Supply and spread all necessary seed and fertilizer over the needed areas.
19. Demobilize all equipment.
20. Maintain silt fence until the new grass has germinated.
21. When the new grass is stable we will remove and dispose of the silt fence.

Total price \$78,530.00

NOTE; This price is based on 85 ft. of piping including the end section, if more or less is determined it will be at \$46.00 per foot for any add or deduct. Also it is unknown if there are any other utilities in the way, if so that may add an extra cost.

Thank you for the opportunity to quote this project.


R.G. Eisenhardt

YTD Trial Balance

Fund: Bear Creek Combined

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

	O&M Balance 9/30/2017	O&M	Total 3/31/2018
Cash - Operating	1,572,258	(63,735)	1,508,523
Accounts Receivable			0
Assets			0
Liabilities ⁽¹⁾		32,922	32,922
Revenues		3,862	3,862
Expenditures		100,519	100,519
Equity	1,572,258		1,475,601
	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