

BEAR CREEK
INTER-COUNTY DRAINAGE BOARD
MAY 21, 2024
10:00 A.M.
AGENDA

**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

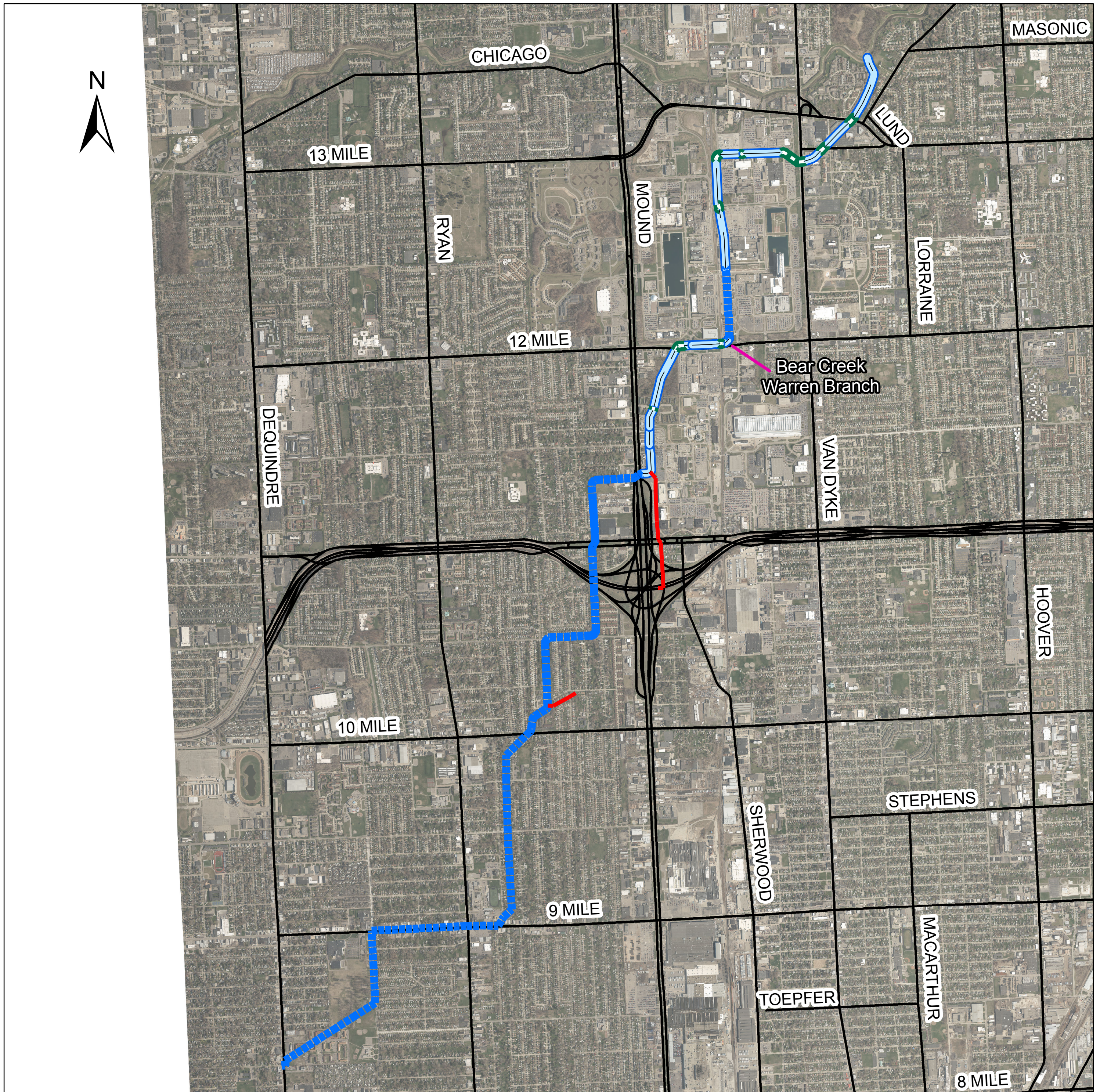
**Call in Number: 1-917-933-5524
Phone conference ID: 332 324 79#**

**Microsoft Teams meeting
Meeting ID: 273 739 027 652
Passcode: rtrYjU**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda	
3. Approval of Minutes of meeting of December 20, 2023	3
4. Public Participation	
5. Bear Creek Sinkhole Repair – Steve Downing	5
Motion: To approve the quote from Robert Clancy Contracting for \$39,900 for the needed sinkhole repairs at 24266 Eureka Avenue, and authorize payment upon satisfactory completion.	
6. Consideration for approval of invoice (see attached)	11
7. Financial Update – Bruce Manning	12
8. Other Business	
9. Adjourn	

BEAR CREEK DRAIN (INTER COUNTY)

CENTERLINE/WARREN/OAKLAND COUNTY



Drain Length (Feet/Miles):
54,012.44 / 10.23

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, Clinton Township, Michigan on December 20, 2023.

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

Candice S. Miller, Secretary
Macomb County Public Works Commissioner

Jim Nash, Member
Oakland County Water Resources Commissioner

ALSO PRESENT: Brian Baker, Chief Deputy; Jeff Bednar P.E., Environmental Resources Manager; Stephen Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Bruce Manning, Financial Manager; Pamela Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Steve Korth, P.E., Manager, Office of Oakland County Water Resources; Anne Vaara, Oakland County Water Resources Chief Deputy

The Chairman called the meeting to order at 10:02 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 November 09, 2022, were presented. A motion was made by Mr. Nash, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

The meeting was open to public participation, then closed, there being no comments from the public.

Mr. Downing updated the Board about a sinkhole found on the Bear Creek at 26139 Albert Drive in Warren. During inspection, it was discovered that it was caused by a failed structure connected to the west box of the Bear Creek drain. MCPWO directed Robert Clancy Contracting to perform an investigation at a cost of \$3,014 and provide a proposal for the repair. The proposal amount for repair was \$33,830. The total cost for the investigation and repair was \$36,844. He then presented photos of the sinkhole.

A motion was made by Ms. Miller, supported by Mr. Nash to receive and file the report regarding the investigation and emergency repair of the failed manhole structure at 26139 Albert Street and authorize payment to Robert Clancy Contracting for \$36,844.

Adopted: YEAS: 3
NAYS: 0

The Chairman presented the invoice totaling \$72,137.00 as provided to the Board for review and approval.

A motion was made by Mr. Nash, supported by Ms. Miller to affirm payment of the paid 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

In other business, Mr. Bednar updated on the GM Technical Center site. Construction of the culverts need to be completed before the daylighting can take place. The first culvert will start construction in Spring of 2024, and the other culvert will start construction in Fall of 2024. Daylighting plans have been brought to our office for review, EGLE also needs to review the plans. They don't expect to start the daylighting until 2025.

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 10:20 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 December 20, 2023. 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: 12/20/23



Candice S. Miller

Public Works Commissioner
Macomb County

To: Bear Creek Drain Drainage District Board Members

From: Stephen Downing, Construction & Maintenance Manager

Date: May 21, 2024

Subject: Sinkhole Repair – 24266 Eureka

The MCPWO was notified of a sinkhole located in the rear yard of the residence at 24266 Eureka Avenue in Warren. More generally, the location is west of Mound and south of 10 Mile Road. Upon investigation it was determined that the sinkhole was caused by a failed lateral CMP connection at a catch basin structure that is connected to the Bear Creek Drain. There are pictures of this sinkhole provided below for reference. The investigation revealed the need for the replacement of the structure and lateral connection of approximately 60-feet of 12-inch CMP.

The MCPWO requested a quote from Robert Clancy Contracting, a pre-qualified contractor, to perform the necessary repairs. The repairs include removal and replacement of 60-feet of 12-inch CMP with 12-inch RCP and the catch basin structure. Robert Clancy Contracting was selected based on their immediate availability to start the repair and their proposal (attached for reference) has been reviewed by MCPWO personnel.

The action is that the Bear Creek Drain Drainage District Board authorize Robert Clancy Contracting to replace the failed CMP and manhole structure at 24266 Eureka Avenue for the lump sum amount of \$39,900.

Attachments: Clancy Contracting Proposal
Pictures
Drain Map

OFFICE LOCATION: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

MAILING ADDRESS: P. O. Box 806, Mt. Clemens, Michigan 48046-0806

ENGINEERING • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ **SOIL EROSION** • Phone: 586-469-5327 • Fax 586-307-8264



Figure 1 - Sinkhole

OFFICE LOCATION: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

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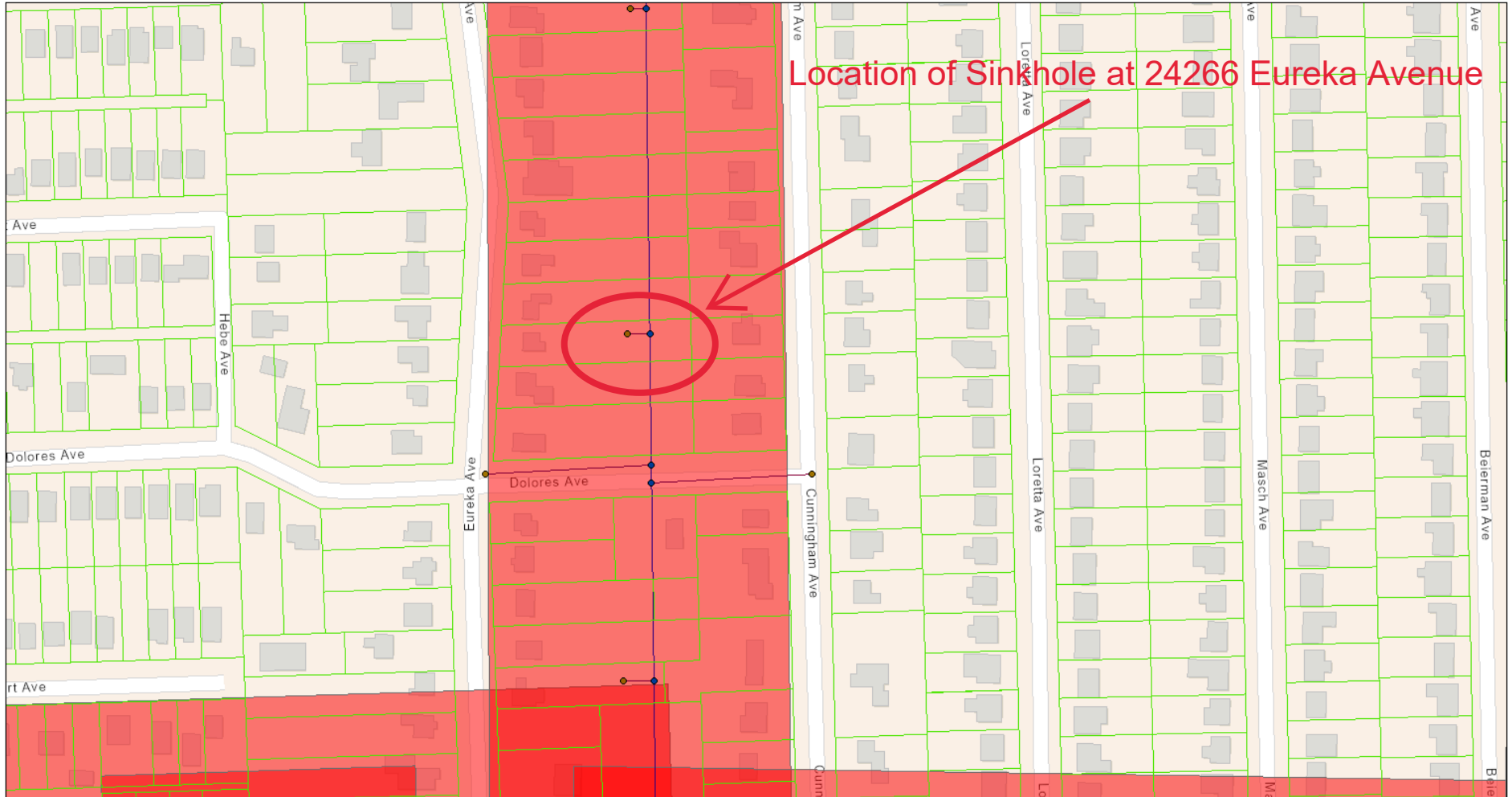
Figure 2 - Sinkhole

OFFICE LOCATION: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

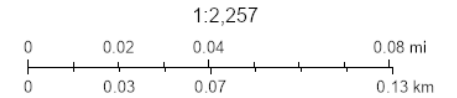
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Drains Explorer Map All Features

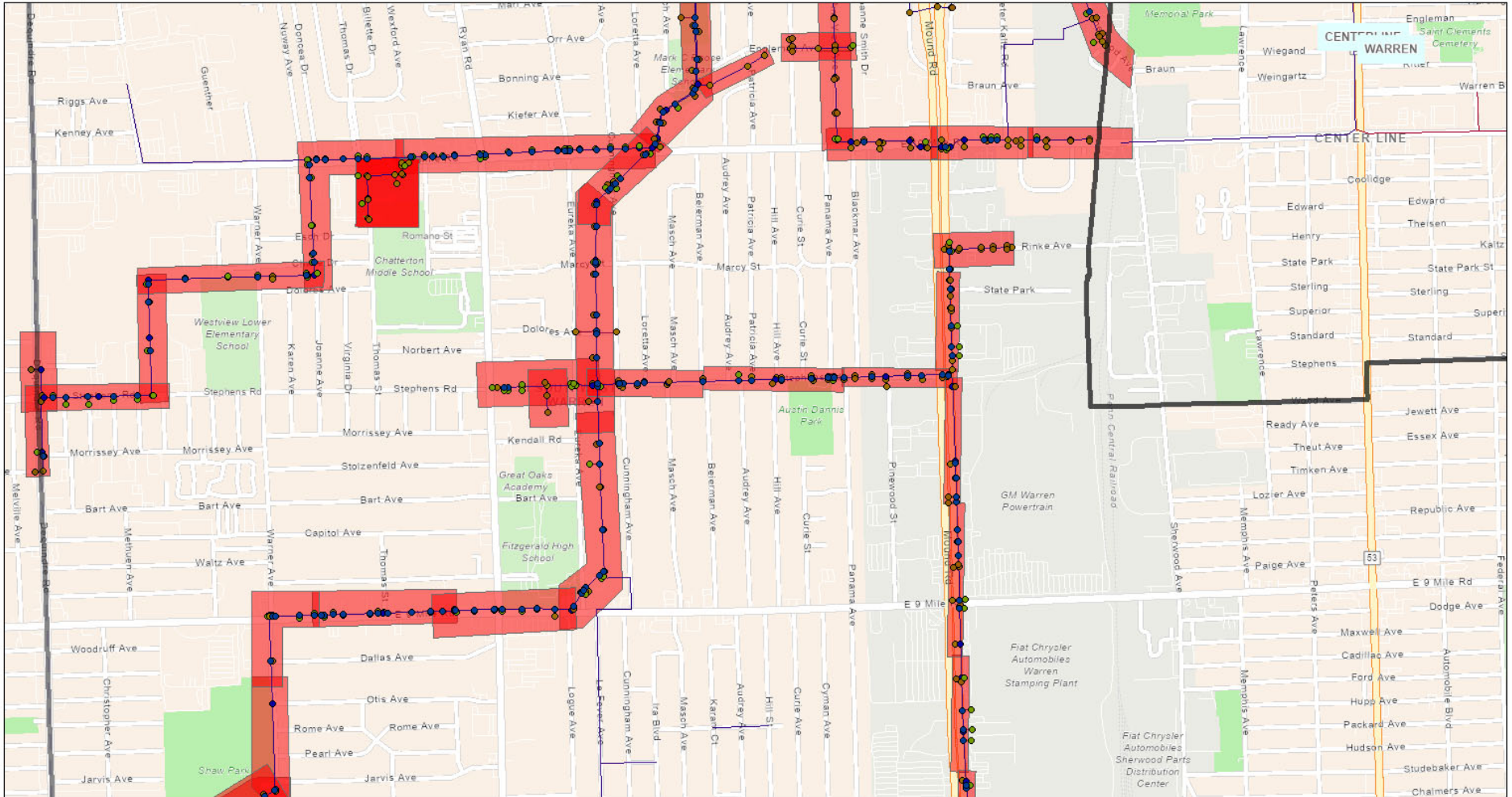


May 16, 2024



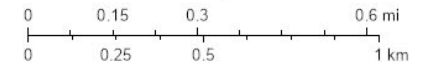
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Drains Explorer Map All Features



May 16, 2024

1:18,056



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

mc_pworks 1
Esri Community Maps Contributors, Province of Ontario, Esri Canada, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/INASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NRCAN, Parks Canada



ROBERT CLANCY CONTRACTING, INC.

Proposal

PROPOSAL SUBMITTED TO:	PHONE: 586-615-4198	DATE: 4/5/2024
NAME: Macomb County DPW	FAX:	DWG DATE:
STREET: 21777 Dunham Rd	JOB NAME: Bear Creek Drain	PROPOSAL #: 24060
CITY/STATE: Clinton Twp, MI. 48036	STREET: 24266 Eureka Ave	
ATTN: Mr. Tom Stockel	CITY/STATE: Warren, MI. 48091	

We hereby submit specifications and estimates for:

REPAIR CATCH BASIN AND 12" RCP

- 1.) MOBILIZATION
- 2.) INSTALL ROAD MAT 225'
- 3.) DEMOLISH 60' OF 12" CMP
- 4.) DEMOLISH 2' CATCH BASIN
- 5.) PROVIDE AND INSTALL 2' STRUCTURE WITH BEEHIVE CASTING AND 2' SUMP
- 6.) TAP 12" RCP INTO 17" CMP, 12' DEEP
- 7.) PROVIDE AND INSTALL 60' OF 12" RCP
- 8.) PROVIDE AND INSTALL (2) CONCRETE COLLARS
- 9.) PROVIDE AND INSTALL 6A AND 21AA L.S. TO SPRING LINE
- 10.) ALL SPOILS TO REMAIN ON SITE
- 11.) TOP SOIL/SEED/MULCH 30" x 80' AREA
- 12.) (3) CREW DAYS
- 13.) INSPECT 17' DRAIN

Proposal Total: \$ 39,900.00

Exclusions

Removal of contaminated spoils	De-watering
Permits, bonds and/or inspection fees	Tree, stump or brush removal or replacement
Layout and engineering services	Curb grade (unless otherwise stated)
Stone bedding (unless otherwise stated)	Landscape restoration/Irrigation repair
Soil erosion devices (unless otherwise stated)	Traffic Control (unless otherwise stated)
Imported backfill material (unless otherwise stated)	Pavement Restoration
Excavation for building foundations	TV testing of sanitary sewer
	Foundation & MEP spoils handling & removal (unless otherwise stated)
	Removal of spoils created by others

* This proposal is based on the assumption that all soils are non-contaminated. Owner/Developer will be required to furnish RCC with analytical documentation verifying non-contamination of soils.

ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED. ALL WORK TO BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICE. ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS, WILL BE EXECUTED ONLY UPON WRITTEN ORDER, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS, OR DELAYS BEYOND OUR CONTROL. OWNER TO CARRY FIRE, TORNADO AND OTHER NECESSARY INSURANCE. OUR WORKERS ARE FULLY COVERED BY WORKERS COMPENSATION INSURANCE.

Authorized Signature: _____

NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN 30 DAYS.

Robert G. Clancy, President

THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. ROBERT CLANCY CONTRACTING, INC IS AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED BELOW.

Payment to be made as follows: Progress Payments

Accepted: _____

*A monthly service charge of 1.5% (18% per annum) will be charged to past due balances

Date _____

Authorized Signature _____

Please Sign, Date and Return Original to Robert Clancy Contracting, Inc. - Retain a Copy for Your Records

BEAR CREEK DRAIN
01.02.24 - 05.14.24

<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 Warren - 78.65256% State of MI - 2.68187% County of Macomb - 4.00528% County of Oakland - 0.97372% Center Line - 0.29307% Madison Heights - 5.76188% Hazel Park - 7.63162%						
		Acciavatti	Cross Brothers Excavating	\$ 1,665.00	Invoice #6919 - 04.11.24	Drain Cleanout	
			Total	\$ 1,665.00			

YTD Trial Balance

Fund: Bear Creek Combined

As of Fiscal Period: Oct 1, 2023-April 30, 2024

	O&M Balance 9/30/2023	O&M	Total 4/30/2024
Cash - Operating	813,203	(23,934)	789,269
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		15,221	15,221
Expenditures		39,155	39,155
Equity	813,203		789,269