

ALEXANDER DRAIN
INTRA-COUNTY DRAINAGE BOARD
DECEMBER 8, 2025
10:30 A.M.
AGENDA

**NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE
OPTION FOR PUBLIC**

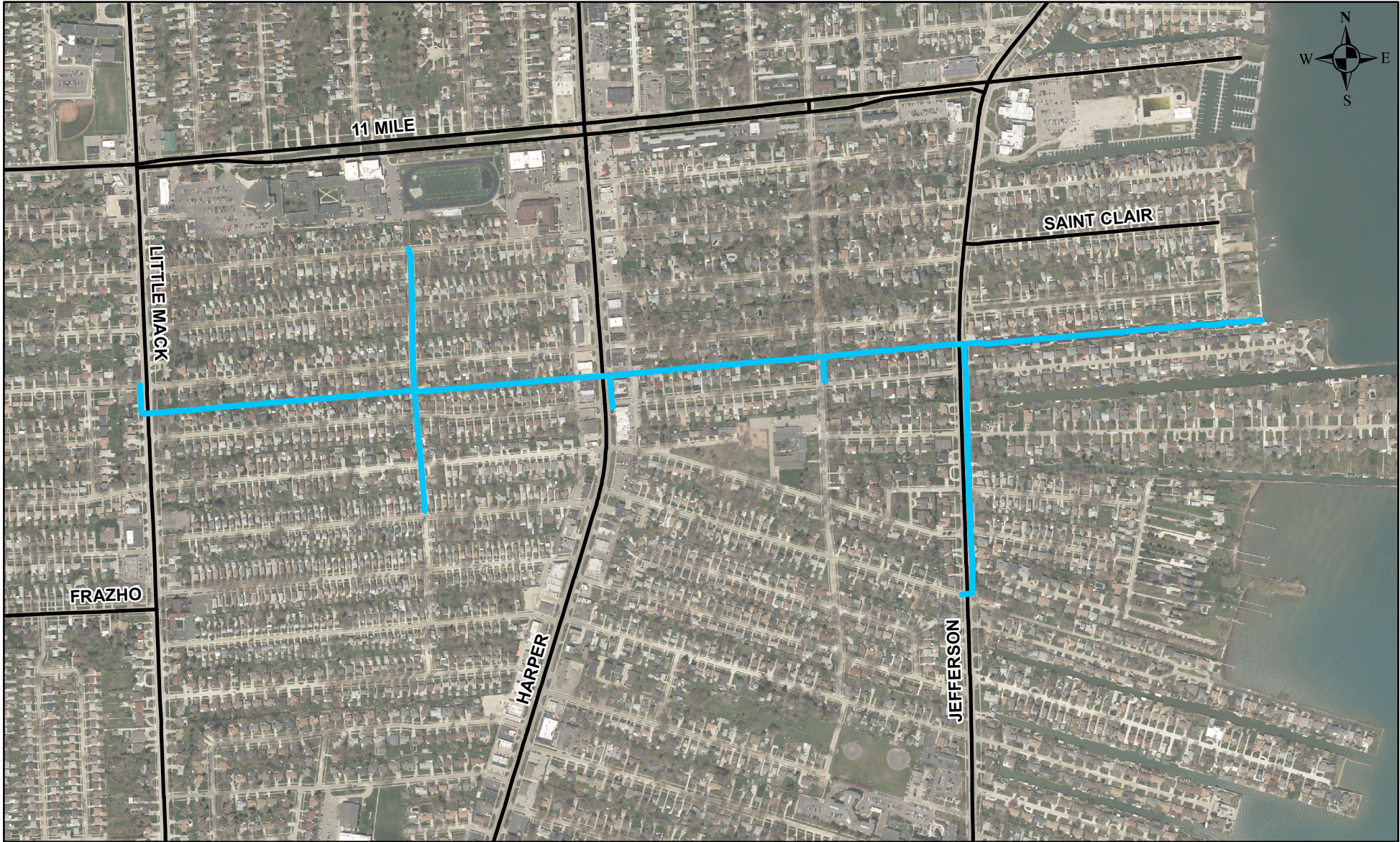
**Teams Meeting ID: 278 423 275 458
Passcode: y6fvQE**

**Call in Number: 1-917-933-5524
Passcode: 577 570 154#**

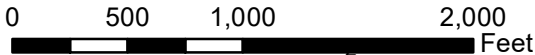
	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for December 8, 2025	
3. Approval of Minutes for September 11, 2023	3
4. Public Participation	
5. Drain Inspection Update – County match Program – Stephen Downing	5
Motion: To receive and file the inspection update and authorize the total inspection payment of \$82,056 utilizing County Drain Match and City of St. Clair Shores matching funds.	
6. Consideration for approval of invoices (see attached)	10
7. Financial Report – Bruce Manning	11
8. Adjourn	

ALEXANDER DRAIN - ENCLOSED/OPEN

ST. CLAIR SHORES - CHAPTER 20



Drain Length (Feet/Miles):
10,486.76 / 1.99



Legend

- Alexander Drain
- Major Roads

An adjourned meeting of the Intra-County Drainage Board for the **ALEXANDER DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Clinton Township, Michigan on September 11, 2023, at 11:38 A.M.

PRESENT: Candice S. Miller, Chair
Vince Viviano, Member

EXCUSED: Barb Zinner, Member

ALSO PRESENT: Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Jennifer Jozwiak, Drain Account Specialist; Bruce Manning, Finance Manager; Pam Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor

PRESENT VIA TELECONFERENCE: Bonnie Rau, City of Sterling Heights DPW

The meeting was called to order by the Chair, Candice S. Miller. A motion was made by Mr. Viviano, supported by Ms. Miller to approve the agenda as presented.

Adopted: YEAS: 2
NAYS: 0

Minutes of the meeting of December 14, 2020, were presented. A motion was made by Mr. Viviano, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 2
NAYS: 0

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

Mr. Downing presented a recommendation for approval to inspect this drain for a potential sinkhole in the rear yard of 21209 Centennial and for the potential for the City to utilize this drain for sewer separation.

A motion was made by Mr. Viviano, supported by Ms. Miller to approve the drain inspection proposal from Doetsch Environmental Services for the total not to exceed cost of \$150,000 and authorize payment, subject to St. Clair Shores approving its contribution of \$75,000.

Adopted: YEAS: 2
NAYS: 0

A motion to receive and file the financial report given by Mr. Manning was made by Mr. Viviano and supported by Ms. Miller.

Adopted: YEAS: 2
NAYS: 0

There being no further business, it was moved by Mr. Viviano, supported by Ms. Miller that the meeting of the Alexander Drain Board be adjourned.

Adopted: YEAS: 2
NAYS: 0

The meeting was adjourned at 11:39 A.M.



Candice S. Miller, Chair
Macomb County Public Works Commissioner

STATE OF MICHIGAN
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on September 11, 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, Chair
Macomb County Public Works Commissioner

DATED: 9/11/23



To: Alexander Drain Drainage District Board Members

From: Stephen Downing, Construction & Maintenance Manager

Date: December 8, 2025

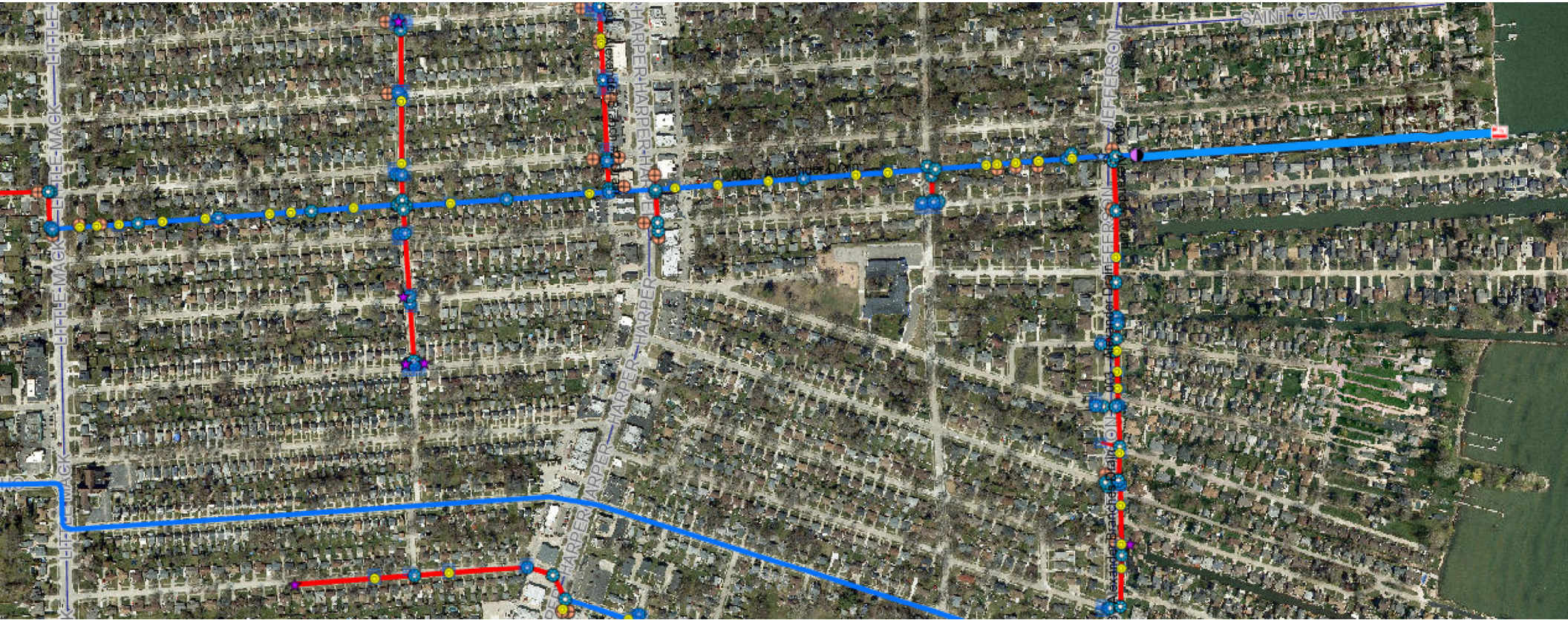
Subject: Drain Inspection Results

The inspection of the Alexander Drain was performed in May of 2025 by Doetsch Environmental Services with the oversight of Macomb County Public Works personnel. To facilitate the inspection, a bulkhead was constructed and installed at the drain outfall into the canal east of Jefferson. Once the bulkhead was installed, the Contractor dewatered the drain with pumps and performed the inspection. The inspection included the main trunk of the Drain starting at Little Mack, moving east to the canal east of Jefferson. The main trunk of the Drain is 60-inch RCP installed in the 1960s. The inspection was executed by a manned entry walking the Drain with the camera connected to the CCTV truck. The inspection revealed no major issues or concerns; the drain is in overall good condition. The CCTV data has been reviewed by MCPWO personnel, and an electronic copy will be provided to the City of St. Clair Shores.

The total cost for the inspection was \$82,056 which has been split between the City of St. Clair Shores and the County Drain Match Program.

That the Board receive and file the inspection update and authorize payments to the Contractors.

Attachments: Doetsch Environmental Services Invoices
Taylor Made Fence Invoice
Drain Map



DOETSCH

ENVIRONMENTAL SERVICES

21221 Mullin Ave. Warren, MI 48089
 Phone: 586-755-2090 Fax: 586-755-2099
 www.doetschenv.com

Bill To:

MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM RD
 CLINTON TOWNSHIP, MI 48036

Ship to:

ALEXANDER DRAIN

INVOICE DATE	INVOICE NUMBER	CUSTOMER PO	PAYMENT TERMS
Dec 29, 2023	72618		Net 10 Days

1.00 BULKHEAD	30,000.00 EACH	COST OF MATERIALS FOR CONSTRUCTION OF BULKHEAD, INVESTIGATION AND PLANNING.	30,000.00
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Total Invoice Amount	30,000.00
Payment/Credit Applied	
TOTAL	30,000.00

Check/Credit Memo
7



INVOICE

13855 E Eight Mile Rd
 Warren, MI 48089
 Phone 586-755-2090

INVOICE #: 73358
 DATE: 07/31/2025

BILL TO: MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM RD
 CLINTON TOWNSHIP, MI 48036

SHIP TO: ALEXANDER DRAIN
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PURCHASE ORDER #	REFERENCE NUMBER	PAYMENT TERMS	DUE DATE
			08/10/2025

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	PROJECT MANAGER	Hours	8	\$85.00	\$680.00
	PROJECT MANAGER OT	Hours	4.5	\$100.00	\$450.00
	OPERATOR	Hours	8	\$75.00	\$600.00
	OPERATOR OVERTIME	Hours	4.5	\$90.00	\$405.00
	CSE ENTRY TECH	Hour	16	\$75.00	\$1,200.00
	CSE ENTRY TECH OVERT	Hour	9	\$90.00	\$810.00
	SUPPORT VEHICLE	Hour	12.5	\$20.00	\$250.00
	SUPPLY VEHICLE MAY 15, 2025	Hours	12.5	\$20.00	\$250.00
	PROJECT MANAGER OT	Hours	20	\$100.00	\$2,000.00
	OPERATOR OVERTIME	Hours	20	\$90.00	\$1,800.00
	CSE ENTRY TECH OVERT	Hour	20	\$90.00	\$1,800.00
	SUPPLY VEHICLE	Hours	10	\$20.00	\$200.00
	SUPPORT VEHICLE MAY 16, 2025	Hour	20	\$20.00	\$400.00
	SEWER INSPECTION	Feet	4,809	\$4.00	\$19,236.00
	CHAMBER INSPECTION CLEAN AT CHAMBER TO INSTALL THE BULKHEAD.	Each	1	\$17,500.00	\$17,500.00

				Subtotal	\$47,581.00
				Total	\$47,581.00

Taylor Made Fence LLC

Clinton Township MI
Office 586-945-5655
taylormadefence@yahoo.com

INVOICE

Date: 6/9/25
Invoice #
8420

Bill to:

MACOMB COUNTY PUBLIC WORKS
21777 DUNHAM ROAD
CLINTON TOWNSHIP MI 48036
ATTN: TOM STOCKEL

Description	Total
JOB SITE : 22401 LAVON - ALEXANDER	4475.00
DRAIN	
REMOVED - 3 PANELS PVC FENCE	
INSTALLED TEMP-FENCE	
WELDED DAMAGED RAILS	
REPAIRED ALUM. FENCING AND 2	
PANELS OF PVC FENCE	
REINSTALLED 3 PANELS OF	
PVC FENCE	
Thank You For Your Business	Total Due 4475.00

ALEXANDER DRAIN
09/18/2023 - 12/02/2025

<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>
Alexander	Chapter 20 St. Clair Shores						
		Downing	Doetsch	\$ 30,000.00	Invoice #72618 - 12.29.23	Drain Maintenance - Match	
		Downing	Doetsch	\$ 47,581.00	Invoice #73358 - 07.31.25	Sewer Inspection - Match	
		Stockel	Taylor Made Fence	\$ 4,475.00	Invoice #8420 - 06.09.25	Repair and Replacement of Fencing - Match	
Total			\$ 82,056.00				

YTD Trial Balance

Fund: Alexander Relief

As of Fiscal Period: Oct 1, 2025-Nov 30, 2025

	O&M Balance 9/30/2025	O&M	Total 11/30/2025
Cash - Operating	14,000	142	14,142
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		142	142
Expenditures			0
Encumbrance			
Equity	14,000		14,142