

ROHRBECK EXTENSION DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
NOVEMBER 14, 2022  
10:15 A.M.  
AGENDA

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

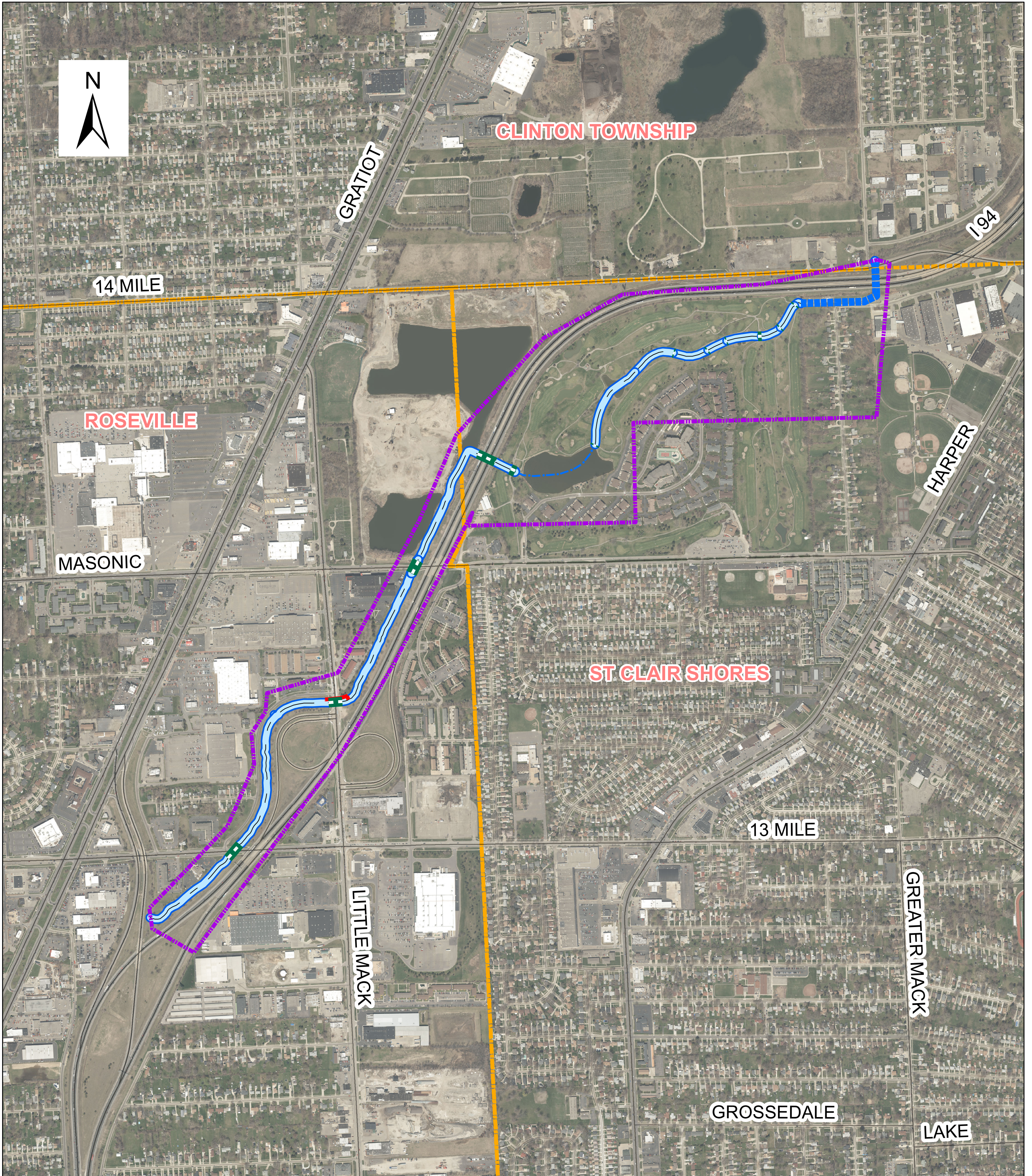
**Call in Number: 1-307-314-3902  
Access Code: 199 831 865**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for November 14, 2022	
3. Approval of Minutes for August 08, 2022	3
4. Public Participation	
5. Rohrbeck Drain Project - LJ Construction Change Order #1 - MDOT Costs - Steve Downing	5
Motion: To approve the final balancing Change Order #1 to the LJ Construction contract for \$14,558.40	
6. Consideration for approval of invoices (see attached)	19
7. Financial Report – Bruce Manning	20
8. Adjourn	



# ROHRBECK EXTENSION

## ROSEVILLE / ST. CLAIR SHORES



Drain Length (Feet/Miles):  
11,797.21 / 2.23

### Legend

#### Enclosed Gravity

- ▬▬▬▬  $\geq 60"$  Dia
- ▬▬▬▬  $< 60"$  Dia

#### Open Channel

- ▬▬▬▬ Ditch
- - - - - Pond

- ▬▬▬▬ Culverts
- - - - - District Boundary
- ▬▬▬▬ Roads
- - - - - Municipal Boundaries



An adjourned meeting of the Intra-County Drainage Board for the **ROHRBECK EXTENSION DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on August 8, 2022, at 10:29 A.M.

PRESENT: Candice S. Miller, Chair  
Bryan Santo, Member  
Harold Haugh, Member

ALSO PRESENT: Vince Astorino, Operations & Flow Manager, Brian Baker, Chief Deputy, Jeff Bednar, P.E., Environmental Resources Manager, Stephen Downing, Construction and Maintenance Manager, Norb Franz, Communications Manager; Denise Harwood, Financial Analyst; Bruce Manning, Financial Manager; Pamela Sonnenberg, Administrative Assistant; Tom Stockel, Construction Engineer; Veronica Klinefelt, Macomb County Board of Commissioners, Don Van Syckel, Macomb County Board of Commissioners; Robert Debruyn, Public Services Director City of Roseville

PRESENT VIA TELECONFERENCE: Mary Shepard, Environmental and Safety Services Supervisor City of Sterling Heights

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

Adopted: YEAS: 3  
NAYS: 0

Minutes of the meeting of November 18, 2019 were presented. A motion was made by Mr. Haugh, supported by Mr. Santo to approve the minutes as presented.

Adopted: YEAS: 3  
NAYS: 0

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

Mr. Downing is recommending LJ Construction for drain maintenance contract authorization on the Rohrbeck Extension Drain in the City of Roseville. Maintenance includes bank stabilization, channel realignment, and miscellaneous repair of discharge connections. The location and cost summary are as follows; Erin Street \$13,695.00, Famous Dave's \$59,550.00, and Red Roof Inn \$60,495.00. MDOT will be funding separate repairs to their drainage. The total proposed maintenance cost is \$133,740.00. He recommends an approximate contingency of \$30,000 for unforeseen circumstances that may arise during construction. The Rohrbeck currently has \$14,890 available in the drain account. Mr. Downing presented some pictures of the areas that the work will be performed. Ms. Klinefelt asked if there will be traffic disruptions while the work is being performed. Mr. Bednar answered no. The board discussed adding an additional \$20,000 for possible overages and needed plantings.

A motion was made by Mr. Santo, supported by Mr. Haugh to approve a maintenance contract with LJ Construction for the not-to-exceed amount of \$185,000.00 and to authorize payment to LJ Construction upon completion of the work.

Adopted: YEAS: 3  
NAYS: 0

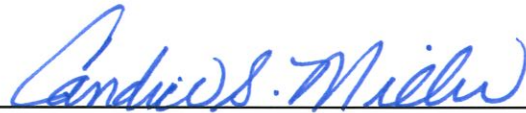
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Haugh and supported by Mr. Santo.

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Mr. Haugh, supported by Mr. Santo, that the meeting of the Rohrbeck Extension Drain Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

The meeting was adjourned at 10:46 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 taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on August 8, 2022 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: 08/08/22





**Candice S. Miller**

Public Works Commissioner  
Macomb County

**To: Rohrbeck Extension Drain Drainage District Board Members**

**CC: FILE**

**From: Stephen Downing, Construction & Maintenance Manager**

**Date: November 14, 2022**

**Subject: Drain Maintenance Update - LJ Construction**

The MCPWO is happy to report the completion of the maintenance project on the Rohrbeck Extension Drain in the City of Roseville. The maintenance work included bank stabilization, channel re-alignment and miscellaneous repair of discharge/lateral connections. The locations include the area south of 13 Mile Road between the Gratiot I-94 Connector and west bound I-94, the area east of Little Mack and west of I-94 and the area west of Little Mack off Erin Street.

The Board authorized LJ Construction to perform the required maintenance for the not-to-exceed amount of \$185,000 at the August Drain Board meeting. The total cost incurred with LJ Construction is \$199,558.40 which includes additional work identified by MCPWO personnel during the course of the work. This amount also include repair of a MDOT lateral connection, an invoice will be sent to MDOT for this repair. A summary of the total cost is shown below:

- Famous Dave's Location - \$81,500.00
- Red Roof Inn Location - \$60,495.00
- Erin Street Location - \$13,695.00
- Extra Work - \$27,341.40
- MDOT Lateral Tap Repair - \$16,527.00

Since MDOT elected to have LJ Construction perform the lateral connection repair, a change order to the LJ Construction agreement is required. The amount of the change order is \$14,558.40.

Additionally, there was fencing along the drain that required repair. This work was performed by Taylor Made Fence at the direction of MCPWO for the total amount of \$3,100.

The total net cost to the Rohrbeck Extension Drain for the maintenance work performed by LJ Construction and fence repair by Taylor Made Fence is \$186,131.40. The Drain account is estimated to have approximately \$46,495 remaining for future maintenance work. The MCPWO is currently working with MDOT officials for an additional contribution to the overall maintenance cost. Any additional funds received from MDOT will be transferred to the Rohrbeck Extension Drain account for future maintenance needs.



The recommendation is that the Rohrbeck Extension Drain Drainage District Board authorize the Board's Chair to execute the LJ Construction Change Order No. 1 for the amount of \$14,558.40.

Attachments: Change Order No. 1 – Balancing Change Order







# MACOMB COUNTY PUBLIC WORKS OFFICE



**CANDICE S. MILLER**

MACOMB COUNTY PUBLIC WORKS COMMISSIONER

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**Rohrbeck Extension Drain Repairs**

**Crisis Averted – Protected I-94**





- Improve Water Quality
- Improve Quality of Life
- Critical Component of Economic Development



# This was the Problem

Candice S. Miller

Macomb County Public Works Commissioner



- Severe erosion at several spots which was in danger of undermining I-94
- MDOT's catch basin from I-94 had completely failed





# This was the Solution

Candice S. Miller

Macomb County Public Works Commissioner



- We needed to straighten out the drain
- We needed to back fill the side along I-94
- We needed to armor the sides of the drain with geotech fabric and puzzled in rip-rap for a long term solution
- We needed to move money from existing drain accounts so that Roseville did not have any out of pocket expense





# Working together to serve the Taxpayers

Candice S. Miller

Macomb County Public Works Commissioner



- City of Roseville, Macomb County Public Works, Macomb County Commissioner and MDOT





# Restoring the Rohrbeck/I-94 Drain

Candice S. Miller

Macomb County Public Works Commissioner



## Infrastructure Disaster Averted Along I-94 in Roseville

- City of Roseville DPW staff notified MCPWO of erosion this summer
- Our partners had been monitoring the situation
- Rapid erosion reached within 25 yards of Freeway. MDOT's I-94 drainage failures were within 10 feet of I-94





# Restoring the Rohrbeck/I-94 Drain

Candice S. Miller

Macomb County Public Works Commissioner



## Infrastructure Disaster Averted Along I-94 in Roseville

- MCPWO hired LJ Construction to perform emergency repair to stabilize the drain
- Work started August 22<sup>nd</sup> – completed October 4<sup>th</sup>.
- Incredibly quick response!





# Restoring the Rohrbeck/I-94 Drain

Candice S. Miller

Macomb County Public Works Commissioner



Repairs south of 13 Mile near Famous Daves





# Restoring the Rohrbeck/I-94 Drain

Candice S. Miller

Macomb County Public Works Commissioner



Repairs north of Little Mack near Red Roof Inn





# Project Summary

Candice S. Miller

Macomb County Public Works Commissioner



- The total project cost is approximately \$200,000
- The project was funded with existing Roseville drain funds; no special assessment was required
- MDOT to contribute 15-20% of project cost





# MACOMB COUNTY PUBLIC WORKS OFFICE



**CANDICE S. MILLER**

MACOMB COUNTY PUBLIC WORKS COMMISSIONER

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**Rohrbeck Extension Drain Repairs**

**Crisis Averted – Protected I-94**



<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>
<b>Rohrbeck Extension</b>	Chapter 20 State of MI - 4.74436% Macomb County - 8.12643% Roseville - 87.12921%						
		Stockel	LJ Construction	\$ 199,558.40	Invoice #Pay #1 FINAL - 10.06.22	Ditch Straightening & Riprap Restoration	
		Stockel	Taylor Made Fence	\$ 3,100.00	Invoice #5435 - 10.17.22	Fence Replacement	
		<b>Total</b>		\$ 202,658.40			



**YTD Trial Balance**

**Fund: Rohrbeck Extension**

**As of Fiscal Period: Oct 1, 2022-Oct 31, 2022**

	<b>O&amp;M Balance 9/30/2022</b>	<b>O&amp;M</b>	<b>Total 10/31/2022</b>
<b>Cash - Operating</b>	249,153	(202,658)	46,495
<b>Accounts Receivable</b>			0
<b>Assets</b>			0
<b>Liabilities</b>			0
<b>Revenues</b>			0
<b>Expenditures</b>		202,658	202,658
<b>Equity</b>	249,153		46,495