

Miller  
Santo  
VanSyckel

VOKES RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
NOVEMBER 14, 2022  
11:15 A.M.  
AGENDA

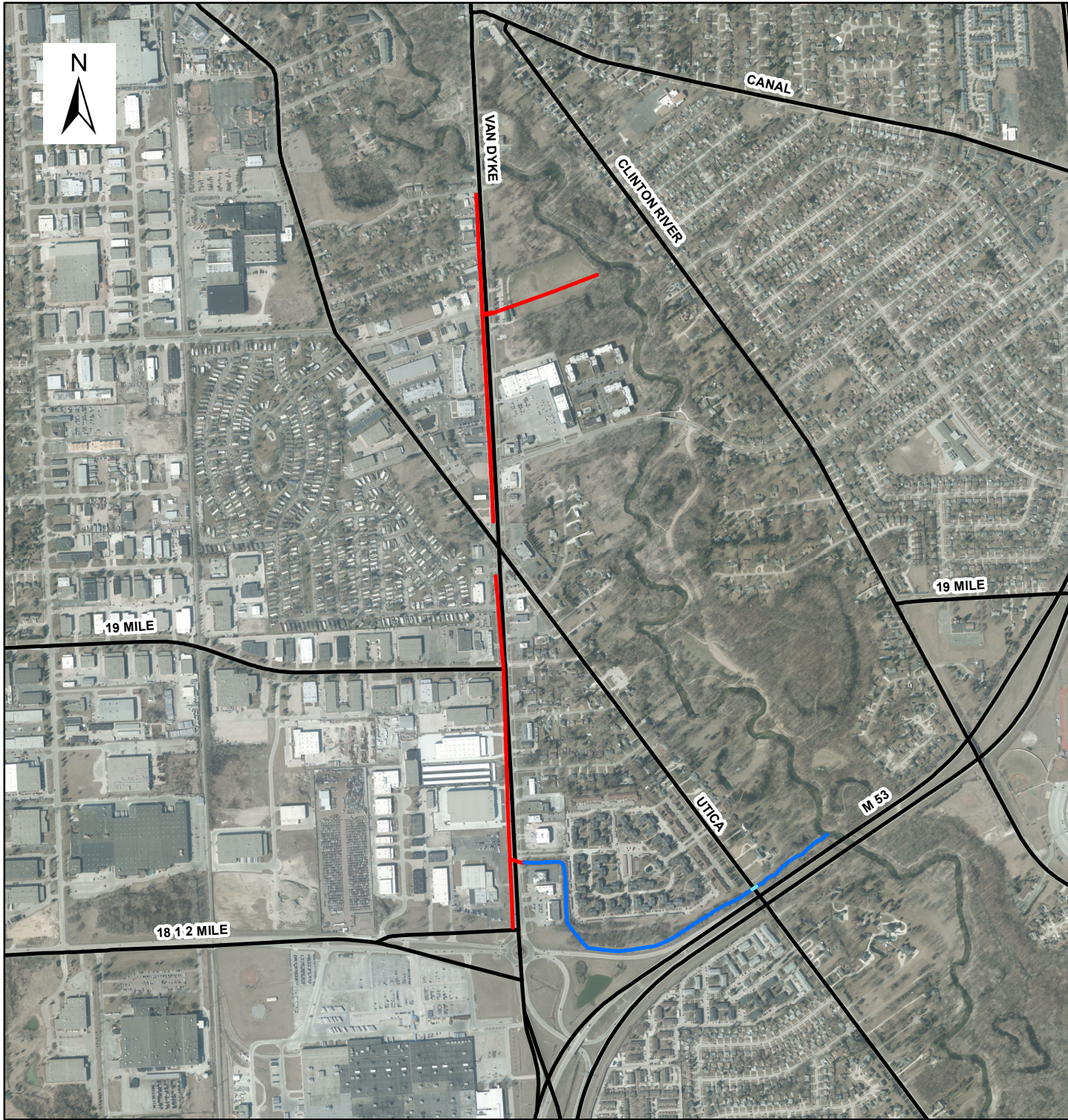
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE OPTION  
FOR PUBLIC**

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

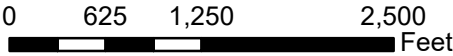
	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for November 14, 2022	
3. Approval of Minutes for January 13, 2022	3
4. Public Participation	
5. Vokes Drain Cleanout - County Match Program - Dan Acciavatti	5
Motion: To approve the Vokes Drain Cleanout for up to \$10,000 using the County's Drain Match program and Sterling Heights local funds at no cost to the Vokes drainage district.	
6. Consideration for approval of invoice (see attached)	15
7. Financial Report – Bruce Manning	16
8. Adjourn	

# VOKES RELIEF - ENCLOSED/OPEN

## STERLING HEIGHTS / UTICA - CHAPTER 20



**Office of  
Public Works**



Drain Length (Feet/Miles):  
10,920.18 / 2.068  
2

### Legend

-  Culverts
-  Open Channel
-  Enclosed Gravity



An adjourned meeting of the Intra-County Drainage Board for the **VOKES RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on January 13, 2020, at 10:26 A.M.

PRESENT: Candice S. Miller, Chair  
Bryan Santo, Member  
Robert Mijac, Member

ALSO PRESENT: Harold Haugh, Veronica Klinefelt, Marvin Sauger, Macomb County Board of Commissioners; Vince Astorino, Operations & Flow Manager, Brian Baker, Chief Deputy, Stephen Downing, Construction & Maintenance Manager, Jeff Bednar, P.E., Environmental Resources Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Kellie Kource, Drain Account Specialist, Karen Czernel, Deputy, Danielle Devlin, Environmental Specialist, Macomb County Public Works

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

Adopted: YEAS: 3  
NAYS: 0

Minutes of the meeting of July 5, 2006 were presented. A motion was made by Mr. Santo, supported by Mr. Mijac 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 updated the board that there were some existing conditions and stone dams that were causing this drain to hold water when it was not intended to. The stone dams that were put in during construction, but were set too high and needed to be reset. The stones were moved and any trash was removed.

A motion was made by Mr. Mijac, supported by Mr. Santo to receive and file the project update by Mr. Downing.

Adopted: YEAS: 3  
NAYS: 0

The Chair presented the invoices totaling \$6,992.50 to the board for review and approval.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve the invoices as presented.

Adopted: YEAS: 3  
NAYS: 0

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

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Mr. Mijac, supported by Mr. Santo, that the meeting of the Vokes Relief Drain Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

The meeting was adjourned at 10:30 p.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 January 13, 2020 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: 1/13/20



**Candice S. Miller**

Public Works Commissioner  
Macomb County

**To: Vokes Relief Drain District Board Members**

**From: Daniel J. Acciavatti, Deputy Director**

**Date: November 14, 2022**

**Subject: Vokes Relief Drain Cleanout Van Dyke to Utica Road**

MCPWO was contacted by the City of Sterling Heights in to remove blockages and overgrowth on the Vokes Relief Drain from Van Dyke to Utica Road. Our office inspected the drain and agreed that substantial blockages and overgrowth from Van Dyke to Utica road is impacting the performance of the drain.

The maintenance was performed utilizing Cross Brother Excavating, our pre-approved maintenance contractor, for the necessary equipment and operator along with MCPWO Maintenance Team members.

The project was funded with the FY 2022 Drain Match Program along with a \$5,000 match from the City of Sterling Heights.

**The recommendation is that the Vokes Drain Drainage District Board authorize the use of Drain Match Funds and the \$5,000 Sterling Heights Match to fund the project.**

Attachments:

Inspection Photos, Historic Elevations, Estimate, Match Contract and Construction Photos.

*Daniel J. Acciavatti* | Deputy Director



# Match Program For Community Drain Improvements



Inspection Photos  
9.28.2022

Blockages to be removed





# Match Program For Community Drain Improvements



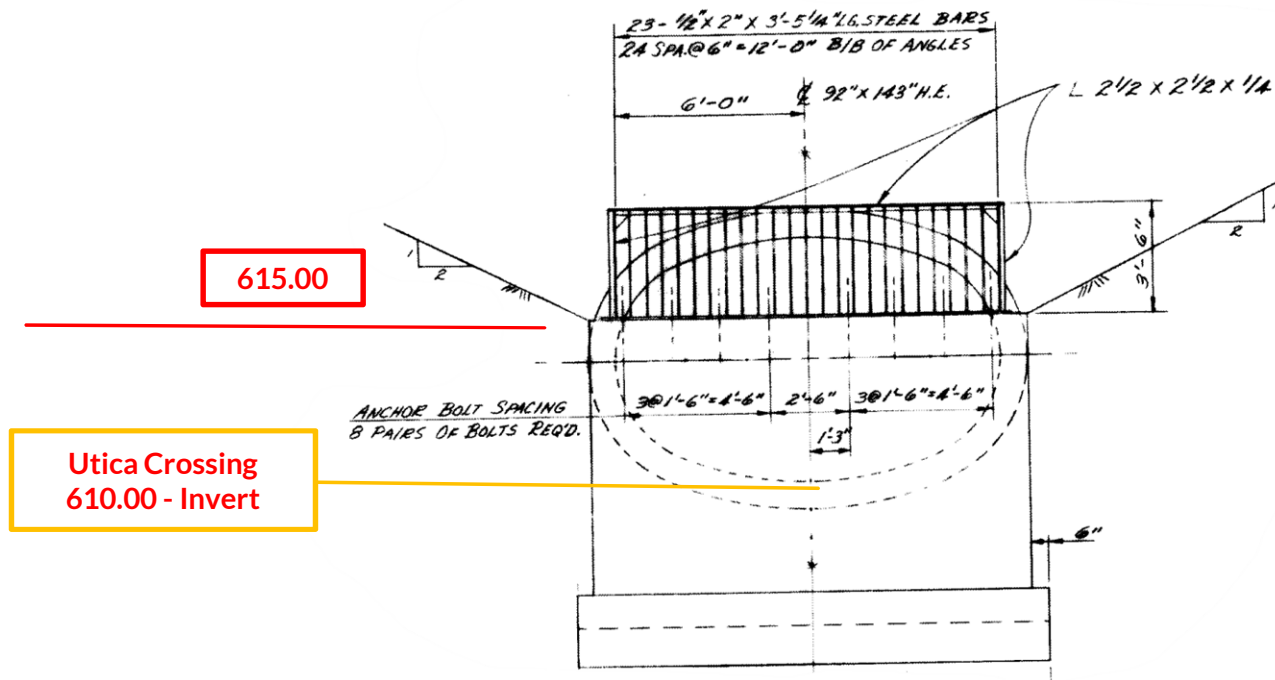
Designed Open Channel Grades



# Match Program For Community Drain Improvements



## 2022 Match Program (Obstruction Removal Van Dyke – Utica Road)



615.00

Utica Crossing  
610.00 - Invert



1971 designed project, Bulkhead with Grate. Maybe with the expectation that downstream would be enclosed and lowered or for storage?

VOKES RELIEF DRAIN  
CITY OF STERLING HEIGHTS  
MACOMB COUNTY, MICHIGAN

JOB No. 63000 70007	HUBBELL, ROTH & CLARK, INC. CONSULTING ENGINEERS 2709 TELEGRAPH ROAD BLOOMFIELD HILLS, MICH. 48302	SHEET No. 13
DATE 4-5-71		OF 15

Vokes Relief # 443	8 Van Dyke Crossing	September 2022	Daniel J. Acciavatti
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# Match Program For Community Drain Improvements



**CANDICE S. MILLER**

Public Works Commissioner  
Macomb County

## DRAIN MAINTENANCE MATCH PROGRAM

COMMUNITY: City of Sterling Heights

DRAIN(S): Vokes Relief # 443

TOTAL ESTIMATED COST: \$ 12,459.52

\* COMMUNITY PORTION: \$ 5,000.00

MCPWO MATCH PORTION: \$ 7,459.52

### DESCRIPTION OF WORK TO BE COMPLETED:

Vokes Relief - From Van Dyke to Utica Roads (4-5 Days)

Select Clearing, Deadfall and Blockage Removal from Van Dyke to Utica Road.

CONTRACTOR(S): Cross Brothers Excavating

[Signature]  
MCPWO Drain Maintenance Team  
Community Authorization 10/12/22  
Date

Candice S. Miller  
Candice S. Miller  
Date 10/13/2022

\* Community to be invoiced upon completion of project.

ADDRESS: 21777 Dunham Road, Clinton Township, Michigan 48036 \* Phone: 586-469-5325  
ENGINEERING \* Phone 586-469-7693 SOIL EROSION \* 586-469-5723

PROJECT NAME / LOCATION:	Vokes Relief Open Channel Blockage Removal			
DRAIN:	Vokes Relief # 443			
Footage	Spot Removal			
MUNICIPALITY:	City of Sterling Heights			
<u>Scope / Estimate of Project Costs</u>				
Vokes Relief Open Drain Spot Obstruction and deadfall removal and minor Channel Work on the Vokes Relief Drain From Van Dyke to Utica Road. 4 - 5 Days MCPWO Maintenance Team & Subcontractor.				
<b>Subcontractor Rates</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
CBX - MOBILIZATION - HEAVY	2 HRS		\$ 150.00	\$ 300.00
CBX - MOBILIZATION - MEDIUM DUTY		HRS	\$ 85.00	\$ -
CBX - PC78 W/ MULTCHER - HOURLY	16 HRS		\$ 250.00	\$ 4,000.00
CBX - PC78 - HOURLY	24 HRS		\$ 130.00	\$ 3,120.00
CBX - PC 220 Excavator		HRS	\$ 180.00	\$ -
CBX - 305 EXCAVATOR - HOURLY		HRS	\$ 110.00	\$ -
CBX - CAT SKIDSTEER - SMALL W/ MULCHER		HRS	\$ 175.00	\$ -
CBX - SVL95 SKIDSTEER - LARGE W/ MULCHER		HRS	\$ 275.00	\$ -
<b>Sub-Total Estimated Subcontractor Costs:</b>				<b>\$ 7,420.00</b>
<b>MCPWO - Maintenance Team Rates</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
MCPWO - 1 MAN CREW (Labor Only) - HOURLY **		HRS	\$ 36.96	\$ -
MCPWO - 2 MAN CREW (Labor Only) - HOURLY **	8 HRS		\$ 73.92	\$ 591.36
MCPWO - 3 MAN CREW (Labor Only) - HOURLY **	32 HRS		\$ 110.88	\$ 3,548.16
ACTUAL Sub-Total Estimated MCPWO Team Costs:				\$ 4,139.52
<b>MCPWO Team Costs Utilizing Match Funding:</b>				<b>\$ 1,034.88</b>
<b>Material and Specialty Items</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
Straw Bales		EA		\$ -
Grass Seed	2 Bag (50 Lbs)		\$ 150.00	\$ 300.00
Rip Rap Purchase and Delivered		TON		\$ -
Topsoil For Restoration Delivered	1 Load (5 CY)		\$ 200.00	\$ 200.00
Trucking of Spoils, Debris off site	1 LS		\$ 400.00	\$ 400.00
<b>Sub-Total Estimated Material / Speciality Costs:</b>				<b>\$ 900.00</b>
Total Estimated Cost:				\$ 12,459.52
* MCPWO - Labor Charged at 75% of Actual Costs for Maintenance / Match Projects				
<b>Estimated Costs Utilizing Match Program:</b>				<b>\$ 9,354.88</b>
Estimate for Match Agreement (Rounded)				\$ 10,000.00
<b>Match Required:</b>				<b>\$ 5,000.00</b>



# Match Program For Community Drain Improvements





# Match Program For Community Drain Improvements





# Match Program For Community Drain Improvements





# Match Program For Community Drain Improvements





# Match Program For Community Drain Improvements





<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>
Vokes	Chapter 20 Sterling Heights	Acciavatti	Cross Brothers Excavating	\$ 7,660.00	Invoice #6378 - 10.27.22	Drain Clean Out - Drain Match	
<b>Total</b>				\$ 7,660.00			

**YTD Trial Balance**

**Fund: Vokes**

**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 12/31/2019</b>
<b>Cash - Operating</b>	27,059	(7,660)	19,399
<b>Accounts Receivable</b>			0
<b>Assets</b>			0
<b>Liabilities</b>			0
<b>Revenues</b>			0
<b>Expenditures</b>		7,660	7,660
<b>Equity</b>	27,059		19,399