

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
MARCH 10, 2025
10:00 A.M.
AGENDA

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

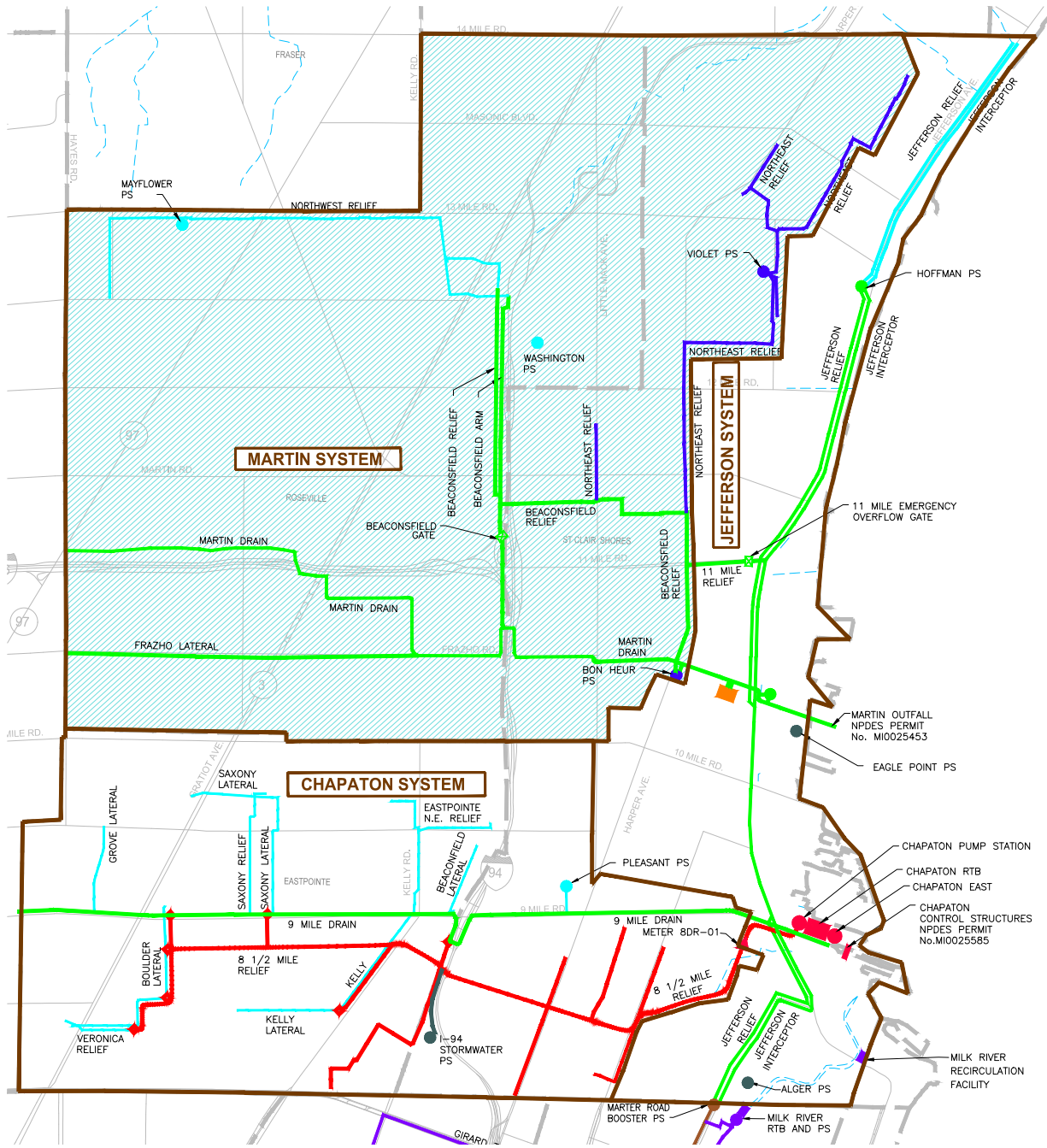
**Teams Meeting ID: 278 423 275 458
Passcode: y6fvQE**

**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 March 10, 2025	
3. Approval of Minutes for February 10, 2025	3
4. Public Participation	
5. Project & Operations Update – Vince Astorino	5
6. Consideration for approval of invoices (see attached)	19
7. Financial Report – Bruce Manning	20
8. Adjourn	

Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

MARTIN SYSTEM MAP
Macomb County, MI
Southeast Macomb Sanitary District
Wastewater Master Plan



SYSTEM LEGEND

(AS OF DATE OF PUBLICATION)

- SYSTEM BOUNDARY

DISTRICT LEGEND

(AS OF DATE OF PUBLICATION)

- 8 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
- SOUTHEAST MACOMB COUNTY WASTEWATER DISPOSAL SYSTEM
- MARTIN SANITARY DIVERSION DISTRICT
- SOUTHEAST MACOMB SANITARY DISTRICT
- NORTHEAST SEWAGE DISPOSAL SYSTEM
- MILK RIVER INTERCOUNTY DRAIN DRAINAGE DISTRICT
- LOCAL MUNICIPALITY
- OTHER

ASSET LEGEND

- PUMP STATION
- FLOW CONTROL STRUCTURE
- RETENTION TREATMENT BASIN
- GRAVITY INTERCEPTOR
- OVERFLOW POINT

An adjourned meeting of the Intra-County Drainage Board for the **MARTIN SANITARY DIVERSION DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on February 10, 2025, at 10:01 A.M.

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

ALSO PRESENT: Brian Baker, Chief Deputy; Jennifer Jozwiak, Administrative Coordinator; Steve Duchane, Community Services Coordinator; Norb Franz, Communications Manager; Vince Astorino, Operations & Flow Manager; Stephen Downing, Construction & Maintenance Manager; Bruce Manning, Financial Manager; Don Brown, Deputy; Don VanSyckel, Board of Commissioners; Sarah Lucido, Board of Commissioners

PRESENT VIA TELECONFERENCE: None

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 January 13, 2025, were presented. A motion was made by Mr. Santo, supported by Mr. Haugh 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. Astorino provided an update that Martin had no wet weather discharges.

The Martin Improvements project is going well. Mr. Astorino presented pictures. The contractor has removed all the old flushing piping in the basement. They have been working to seal off the chambers. The contractor also removed internal / external concrete pads. MCPWO staff plans to repaint the interior of the building. The city of St. Clair Shores is interested in using empty building space for storage.

A motion was made by Mr. Haugh, supported by Mr. Santo to receive and file the project and operations update as presented.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$284,776.85 to the board for review and approval.

A motion was made by Mr. Santo, supported by Mr. Haugh 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. 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 Martin Sanitary Diversion Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 10:14 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 February 10, 2025 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: 02/10/25



To: Martin Sanitary Diversion Drainage District Board Members

CC: File

From: Vincent Astorino, Operations Director

Date: March 10, 2025

Subject: Construction Projects Status Updates for the March 2025 Board Meeting

The following provides a status update for construction work completed within the Martin Sanitary Diversion Drain District (MSDDD) for the previous month.

Wet Weather Operations

No wet weather events this past month.

Martin RTB Improvements Project

Contractor: Reliance Building

Engineering Consultant: Fishbeck

Project Description:

The project consists of multiple items throughout the facility. A general list of items is listed below.

- Replacement of the Martin RTB dewatering gate which is original to the facility.
- Rehabilitation of the dry weather and drain underground vaults.
- Demolition of the old flushing system which includes pipe and pump removal along with properly abandoning the old underground flushing chambers.
- Installation of new underground electrical conduits to abandon old failing conduits.
- Chemical grouting of infiltration within the basement of the Martin building.
- Martin RTB blower and ductwork replacement.
- Equipment hatch cover replacement.
- Equipment crane and trolley replacement/rehab.

- Access hatch replacements around the RTB.
- New TRC sampling pump installations around the RTB.

Significant project tasks that have occurred over the past month:

1. Submittals are being received and processed by the engineering team.
2. Construction Activities per Update Period:
 - Placed concrete flow fill at flushing chamber A, B, C, D flushing pipes and capped as required.
 - Continued removing abandoned electrical boxes and wiring inside the facility as planned.
 - Installed new electrical conduit for proposed slide gate and equipment as designed.
 - Completed patching/repairing existing concrete I-Beam support pads related to flushing pipes inside basin as required.
 - Finished I-Beam anchor and metal strap restoration as required.
 - Installed new FRP ventilation ductwork pieces per design.
3. Construction Look Ahead:
 - Backfill flushing chambers A – D with sand.
 - Remove & cap existing flushing pipe above basin roof and directional bore duct bank.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$3,369,388.65
Chang Order No. 1	12/04/2024	\$(49,018.08)
Revised Contract Amount		\$3,320,370.57
Total Spent to Date	Pay Apps. #1-5	\$1,572,972.47
Remaining Budget		\$1,747,398.10

Figure 1 – Removing Electric Disconnects from Flushing Chamber A



Macomb County Public Works Commissioner Candice S. Miller

21777 Dunham Road, Clinton Township, Michigan 48036

MAIN LINE: 586-469-5325 | ENGINEERING 586-469-5910 | SOIL EROSION 586-469-5327

Figure 2 – Removed Electrical Disconnects from Flushing Chamber A



Figure 3 – Removing Electrical from Inside Facility Basement



Figure 4 – Removing Existing Electrical in Facility for New Trolley Hoist Panel



Figure 5 – Applying Corrosion Resistant Material to Abandoned Anchors in Basin.



Figure 6 – Restoring Concrete Support Pad in Martin Basin



Figure 7 – Pumping Conc. Flow Fill Inside Abandoned Flushing Pipes



Figure 8 – Placing Conc. Flow Fill Inside Abandoned Flushing Pipes



Figure 9 – Placing Conc. Flow Fill Inside Abandoned Flushing Pipes



Figure 10 – Placing Conc. Flow Fill Inside Abandoned Flushing Pipes



Figure 11 – Installing New Ventilation Ducts Inside Martin Basin



Figure 12 – Installing New Ventilation Ducts Inside Martin Basin



MARTIN SANITARY DIVERSION
02/18/25 - 03/04/25

<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>
Martin Sanitary Diversion Drain	Chapter 20 Roseville - 78.09% St. Clair Shores - 21.91%	Astorino	Consumers Energy	\$ 547.14	Invoice #202432761734 - 02.12.25	Monthly Gas - 01.09.25 - 02.06.25	
		Astorino	DTE Energy	\$ 1,816.65	Invoice #25-120 - 02.21.25	Monthly Electric - 01.16.25 - 02.14.25	
		Astorino	Fishbeck	\$ 18,109.90	Invoice #449137 - 02.28.25	RTB Improvements CCA	\$ 206,690.00
		Astorino	JCI Jones Chemicals	\$ 10,890.06	Invoice #961229 - 02.04.24	Hypochlorite Solution	
		Astorino	Reliance Building Company	\$ 776,480.57	Invoice #App 5 - 02.06.25	RTB Improvements	\$ 1,747,398.10
		Total			\$ 807,844.32		

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2024-Feb 28, 2025 (42%)

DESCRIPTION	2025 BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Investment Inc-Interest	46,000		33,245	12,755	72.3%
Reimb-Local Communities	1,146,000		573,000	573,000	50.0%
Federal Earmark	1,900,000		144,131	1,755,869	7.6%
PY Revenue-Fund Balance	1,628,910			1,628,910	0.0%
<i>Total Revenue Accounts</i>	4,720,910	-	750,376	3,970,534	15.9%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000			6,000	0.0%
Dues, Training, Conf, Subs.	3,300		1,682	1,618	51.0%
Engineering					
-Martin Improvement Project	3,556,120		1,597,482	1,958,638	44.9%
-Martin Electrical Improvements	627,000			627,000	0.0%
-As Needed Engineering	55,970			55,970	0.0%
-Misc Sewer Repairs	20,000			20,000	0.0%
Equipment	700			700	0.0%
Operating Supplies	82,480		13,403	69,077	16.3%
Other Professional Svcs	13,500		1,463	12,037	10.8%
Personnel Services	255,630		68,606	187,024	26.8%
Repair & Maintenance	34,900		6,345	28,555	18.2%
Contribution to SCADA Reserve	5,810			5,810	0.0%
Scada System	13,050		3,528	9,522	27.0%
Utilities	46,450		9,614	36,836	20.7%
<i>Total Expense Accounts</i>	4,720,910	-	1,702,123	3,018,787	36.1%

	O&M Balance 9/30/2024	O&M	Total 2/28/2025
Cash - Operating	2,450,402	(951,747)	1,498,655
Assets			0
Liabilities			0
Revenues		750,376	750,376
Expenditures		1,702,123	1,702,123
Equity	2,450,402		1,498,655

Detail of 2024 Equity

Misc Sewer Repairs	20,000
SCADA Reserves	5,810
As Needed Engineering	57,000
Martin Improvement Project	1,609,090
Capital Reserve	758,502