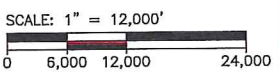
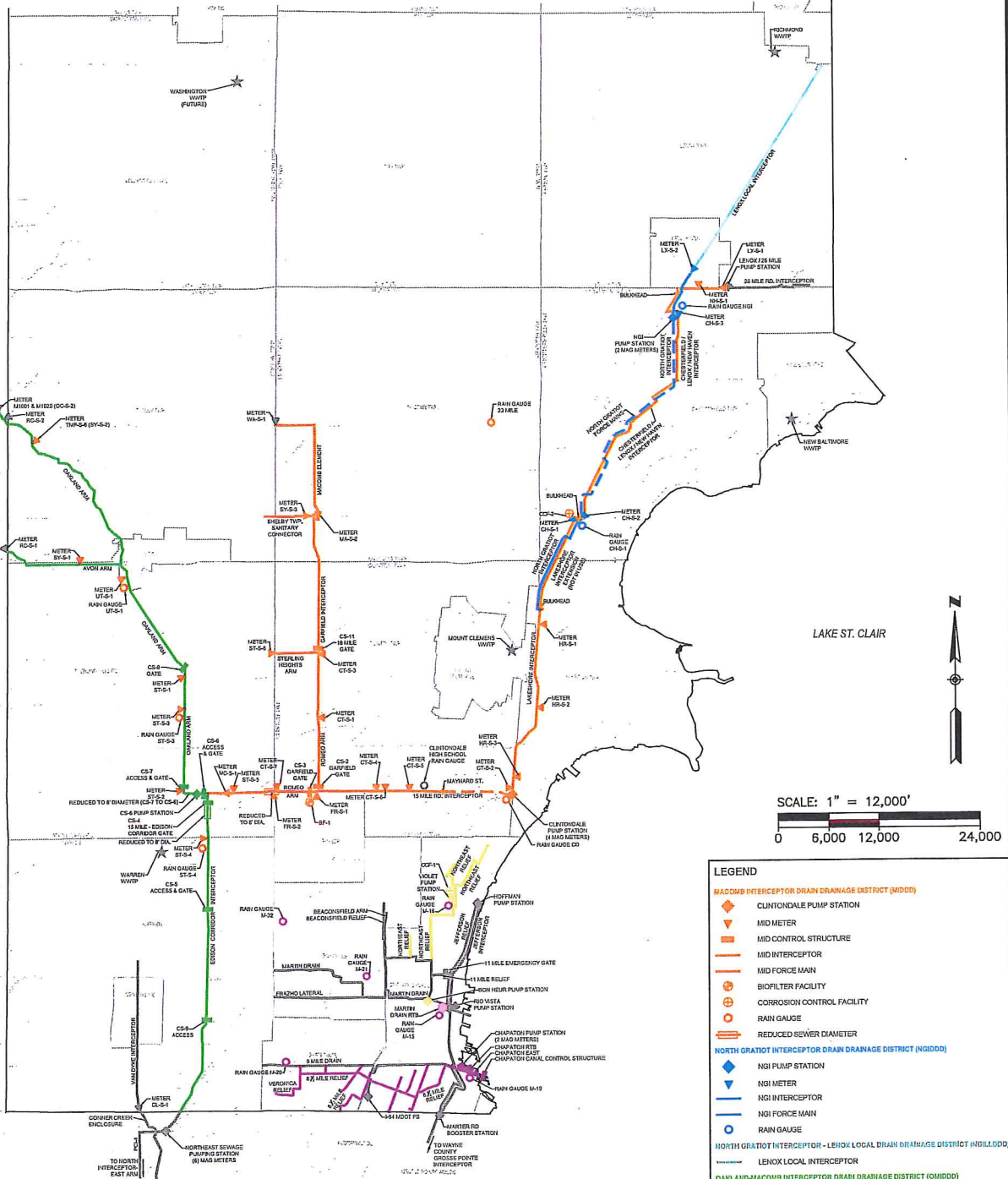


Miller
Santo
Haugh

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
DECEMBER 9, 2019
10:15 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for December 9, 2019	
3. Approval of Minutes for November 18, 2019	3
4. Public Participation	
5. Consideration for approval of invoices (see attached)	5
6. Financial Report – Bruce Manning	6
7. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



- LEGEND**
- MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDD)
 - ◆ CLINTONDALE PUMP STATION
 - ▽ MID METER
 - ▢ MID CONTROL STRUCTURE
 - MID INTERCEPTOR
 - MID FORCE MAIN
 - BIOFILTER FACILITY
 - ⊕ CORROSION CONTROL FACILITY
 - RAIN GAUGE
 - REDUCED SEWER DIAMETER
 - NORTH GRATIOT INTERCEPTOR DRAIN DRAINAGE DISTRICT (NGIDD)
 - ◆ NGI PUMP STATION
 - ▽ NGI METER
 - ▢ NGI INTERCEPTOR
 - NGI FORCE MAIN
 - RAIN GAUGE
 - NORTH GRATIOT INTERCEPTOR - LENOX LOCAL DRAIN DRAINAGE DISTRICT (NGILLDD)
 - LENOX LOCAL INTERCEPTOR
 - OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)
 - ◆ CS4 PUMP STATION
 - ▽ OMD METER
 - ▢ OMD CONTROL STRUCTURE
 - OMD INTERCEPTOR
 - REDUCED SEWER DIAMETER
 - 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
 - ◆ CHAPATON WEST PUMP STATION
 - ▽ CHAPATON RETENTION TREATMENT BASIN
 - ▢ CHAPATON CANAL CONTROL GATE
 - 1/2 MILE INTERCEPTOR
 - RAIN GAUGE
 - SEACONSFIELD INTERCEPTOR DRAIN DRAINAGE DISTRICT (SSIDD)
 - ◆ SEACONSFIELD PUMP STATION
 - ▽ CORROSION CONTROL FACILITY
 - SEACONSFIELD INTERCEPTOR
 - MARTIN SANITARY DIVERSION DRAINAGE DISTRICT (MSIDD)
 - ▢ MARTIN DRAIN RETENTION TREATMENT BASIN
 - OTHER SYSTEMS**
 - ◆ PUMP STATION
 - ▽ METER
 - ★ WWTP
 - INTERCEPTOR

Candice S. Miller
MACOMB COUNTY PUBLIC WORKS COMMISSIONER



UPDATED: APRIL 2017

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 November 18, 2019, at 10:22 A.M.

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

ALSO PRESENT: Marvin Sauger, Joseph Romano, Macomb County Board of Commissioners; Vince Astorino, Operations & Flow Manager, Brian Baker, Chief Deputy, Jeff Bednar, P.E., Environmental Resources Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Kellie Kource, Drain Account Specialist, Dan Heaton, Communications Manager, Macomb County Public Works

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 October 21, 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.

A motion was made by Mr. Haugh, supported by Mr. Santo to award the disinfection system design contract to Wade Trim in the total amount of \$157,230 (Martin District share \$49,450).

The Chair presented the invoices totaling \$5,316.62 to the board for review and approval.

A motion was made by Mr. Haugh, supported by Mr. Santo 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. Santo and supported by Mr. Haugh.

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 10:27 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 November 18, 2019 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: 11/18/19

MARTIN SANITARY DIVERSION INVOICES 11/19/19 - 12/3/19

<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	Colville Electric Co., LLC	\$ 9,824.57	Invoice #19-0451 - 09.30.19	Flow Meter Project	
		Astorino	DTE Energy	\$ 727.77	Invoice #19-533 - 11.15.19	Monthly Electric - 10.17.19 - 11.14.19	\$ 29,170.15
		Astorino	Fishbeck, Thompson, Carr & Huber	\$ 1,306.00	Invoice #387133 - 11.11.19	Flow Meters	
		Astorino	HESCO	\$ 600.00	Invoice #161025-10 - 11.11.19	Meter Maintenance	\$ 41,399.00
		Manning	Macomb County Treasurer	\$ 41,497.36	Invoice #AR190904 - 09.30.19	Personnel/Operating Reimbursement 3rd Quarter	
Total				\$ 53,955.70			

YTD Budget
Fund: Martin Sanitary Diversion
As of Fiscal Period: Oct 1, 2019-Nov 30, 2019

DESCRIPTION	2020 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
State-Grants	-			-	100.0%
Investment Inc-Interest	5,000			5,000	0.0%
Reimb-Local Communities	838,682		419,341	419,341	50.0%
PY Revenue-Fund Balance	286,915			286,915	0.0%
<i>Total Revenue Accounts</i>	1,130,597	-	419,341	711,256	37.1%
EXPENSE ACCOUNTS					
Application/Permit Fee	3,000			3,000	0.0%
Dues, Training, Conf, Subs.	3,150			3,150	0.0%
Engineering					
-As Needed Engineering	15,000		1,306	13,694	8.7%
- Disinfection System Replacement	200,000				
-CCTV of Dewatering Line and Influent and Effluent Boxes	25,000				
-Design Flushing System Upgrades & First Flush Capture	375,000			375,000	0.0%
-Design Basin Equipment Hatch	12,000			12,000	0.0%
New Equipment	12,900			12,900	0.0%
Operating Supplies	55,900		4,186	51,714	7.5%
Other Professional Svcs	18,000		227	17,773	1.3%
Personnel Services	188,558			188,558	0.0%
Repair & Maintenance	138,740		1,555	137,185	1.1%
Scada System	24,894		80	24,814	0.3%
Utilities	43,150		951	42,199	2.2%
Capital Reserve	15,305		15,305	-	100.0%
<i>Total Expense Accounts</i>	1,130,597	-	23,610	881,987	2.1%

	O&M Balance 9/30/2019	O&M	Total 11/30/2019
Cash - Operating	684,711	395,731	1,080,442
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		419,341	419,341
Expenditures		23,610	23,610
Equity	684,711		1,080,442

Detail of 2019 Equity

Design Basin Equipment Hatch	12,000
Sampling Pumps	7,500
Replace Drain Gate Hydraulic Accumulator	50,000
Design Flushing System Upgrades & First Flush Capture	200,000
SCADA Reserves	11,610
Capital Reserves	403,601