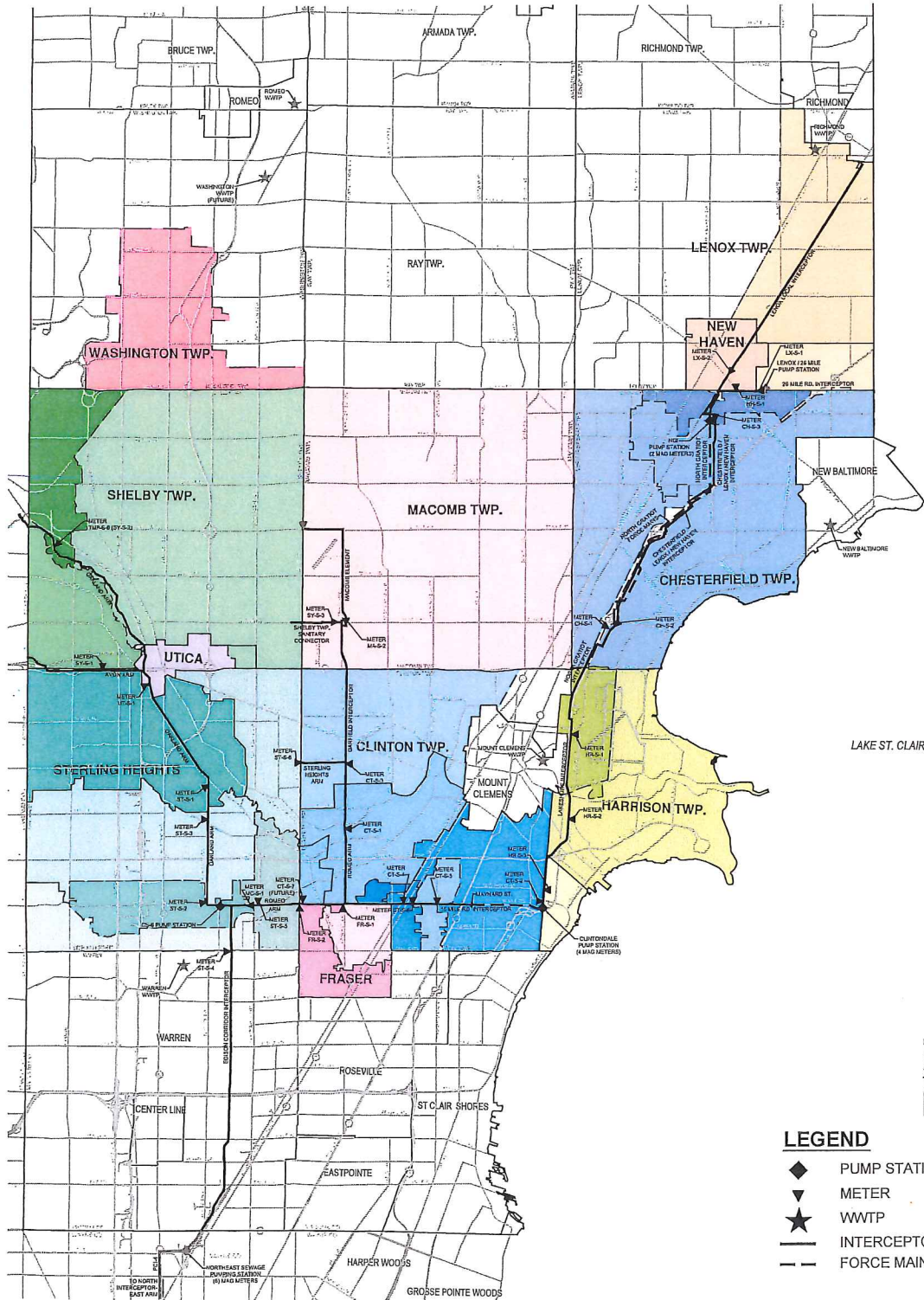


MACOMB INTERCEPTOR DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
JULY 8, 2019  
11:15 A.M.  
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for July 8, 2019	
3. Approval of Minutes for June 10, 2019	3
4. Public Participation	
5. Project Update – Vince Astorino/Stephen Downing	
6. Consideration for approval of invoices (see attached)	7
7. Financial Report – Bruce Manning	8
8. Adjourn	

# MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



- LEGEND**
- ◆ PUMP STATION
  - ★ METER
  - ★ WWTP
  - INTERCEPTOR
  - - - FORCE MAIN

An adjourned meeting of the Intra-County Drainage Board for the **MACOMB INTERCEPTOR DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on June 10, 2019, at 10:46 A.M.

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

ALSO PRESENT: Brian Baker, Chief Deputy, Vince Astorino, Operations & Flow Manager, Evans Bantios, Engineer II, Dan Heaton, Communications Manager, Kellie Kource, Drain Account Specialist, Karen Czernel, Deputy, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Jeff Bednar, P.E., Environmental Resources Manager, Stephen Downing, Construction & Maintenance Manager, Macomb County Public Works; Joe Viviano, MIDD Attorney, Ben Aloia, MIDD Attorney

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

Adopted: YEAS: 3  
NAYS: 0

Minutes of the meeting of May 13, 2019 were presented. A motion was made by Mr. Mijac, 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. Astorino updated the board that Washington Township flow meter is the only meter that is not operated and maintained by the MIDD. We have been talking with them to transfer the meter to the MIDD so it can be maintained properly by our standards going forward. As part of the process we went through an investigation of the site. The cost estimate of what it will take to get it to our standards is around \$350,000. We have been negotiating with Washington Township regarding who will pay for what portion of this cost, and have proposed the MIDD pay \$303,265 and Washington pay \$47,575. This agreement is scheduled for the June 19<sup>th</sup> Township board meeting.

The second part of the agreement is with Macomb Township. All Washington flow goes through the Macomb Element and then the Macomb Element goes through the metering site for all of Macomb Township's flow. In the past, Macomb Township has handled the billing to Washington Township. Going forward, the MIDD will assume direct billing to Washington Township.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the Asset Transfer Agreement transferring the WA-S-1 to the MIDD from Washington Twp., all billing responsibilities from Macomb Twp. to the MIDD, and the allocation of project costs.

Adopted: YEAS: 3  
NAYS: 0



Mr. Bantios brought a proposal for the sale of 48" of HDPE Pipe that was left over from the sinkhole project. Moving forward we will not need all the piping. We were approached by one of the contractors who worked on the project about purchasing 3,200 feet of pipe. We did research on the cost per foot that came to roughly \$60 per foot. We will still have roughly 5,200 feet of pipe if needed in the future.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the sale of 3,200 linear feet of surplus 48" HDPE pipe to Great Lakes Fusion for \$192,000.

Adopted: YEAS: 3  
NAYS: 0

Mr. Downing updated the board that we use Motor City Electric Technologies for a lot of SCADA As-Needed Maintenance. Historically we have signed their agreement and they have invoiced us. We now have our own agreement for as-needed maintenance that we would like them to sign. We have included the five districts funding together that we allocate money in the budget and recommend \$100,000 in a not to exceed contract with them. Any work that they do will be done as needed and invoiced to the correct drainage district. We would like the option to renew with them in 2020 once we review their updated rates.

A motion was made by Mr. Mijac, supported by Mr. Santo to accept the proposal to enter an agreement with MCET to provide as-needed SCADA maintenance and emergency services for 2019 in an amount not to exceed \$100,000 with an option to renew for 2020 based on MCWPO Engineer's review and acceptance of the 2020 MCET Rate Schedule.

Adopted: YEAS: 3  
NAYS: 0

Mr. Downing updated the board on a project plan for MIDD that is a requirement as part of the completed SAW Grant inspection. HRC has put together a \$205 million dollar project plan to get us in the queue for a potential low interest SRF funding for repairs to the system. We are currently vetting each segment on what the correct repair option is. It has been decided that we will clean and line Segment 5. FK Engineering did an in depth analysis and they put together a report that will be great tool to apply to the rest of the system. This is a 15 year project plan worst case scenario of what we think we need to do to fix the 4's and 5's and maybe lining some sections. Segment 5 is top priority due to how critical that section is as all MIDD flow goes through that segment.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the resolution adopting the MIDD Project Plan as the first step in applying for State Revolving Fund loan assistance.

Adopted: YEAS: 3  
NAYS: 0

The Chair presented the invoices totaling \$9,763,983.80 to the board for review and approval.

A motion was made by Mr. Mijac, supported by Ms. Miller 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

A motion was made by Mr. Mijac, supported by Mr. Santo, to enter into closed session at 11:09 a.m.

Adopted: YEAS: 3  
NAYS: 0

Ms. Miller ended closed session and return the board to open session at 11:52 a.m.

A motion was made by Mr. Mijac, supported by Mr. Santo to give Candice Miller authorization to sign the agreement presented by Joe Viviano.

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 Macomb Interceptor Drain Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

The meeting was adjourned at 11:52 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 June 10, 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: 6/10/19

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Macomb Interceptor Drain	Chapter 20 Chesterfield - 6.9899% Clinton - 20.9164% Fraser - 4.1343% Harrison - 5.9902% Lenox - .8610% Macomb - 14.5180% New Haven - 8.150% Shelby - 9.9241% Sterling Heights - 31.2761% Utica - 1.7244% Washington - 2.8507%	Astorino Astorino Astorino Downing Astorino Astorino Astorino Astorino Astorino Astorino Astorino Astorino Astorino Astorino Astorino	City of Mt. Clemens Hubbell, Roth & Clark, Inc. Hubbell, Roth & Clark, Inc. FK Engineering Associates Fishbeck, Thompson, Carr & Huber Fishbeck, Thompson, Carr & Huber Fishbeck, Thompson, Carr & Huber Fishbeck, Thompson, Carr & Huber Evans Banitios Macomb Community College Macomb County Treasurer	\$ 12,806.92	Invoice #28000435 - 06.06.19	Sewage Flow Billing	\$ 536,178.89
				\$ 1,365.76	Invoice #170666 - 06.13.19	MIDD Project Plan/Inspection through 06.01.19	
				\$ 1,879.62	Invoice #170668 - 06.13.19	MIDD Project Plan/Inspection through 06.01.19	
				\$ 809.42	Invoice #17-134-013 - 05.17.19	As Needed Geotechnical Services	
				\$ 13,947.90	Invoice #383750 - 06.24.19	WWMP MIDD through 06.14.19	
				\$ 1,876.50	Invoice #383781 - 06.24.19	GLWA Assistance through 06.14.19	
				\$ 2,529.90	Invoice #383790 - 06.24.19	As needed services through 06.24.19	
				\$ 32,994.65	Invoice #383853 - 06.24.19	SEMUSD WWMP through 06.14.19	
				\$ 800.00	Invoice #19-288 - 06.27.19	Reimbursement for MWEA conference	
				\$ 1,750.00	Invoice #006028845 - 06.25.19	Confined Space Entry training	
				\$ 1,786.91	Invoice #2019-WWComp - 06.27.19	Reimbursement to Equipment fund for new computer - new engineer	
				\$ 2,815.11	Invoice #19-258 - 05.31.19	Water and Sewer - 04.23.19 - 05.28.19	
				\$ 8,020.00	Invoice #70598 - 02.22.19	Wet Well Cleaning	\$ 41,490.00
				\$ 20,907.23	Invoice #19-268 - 06.05.19	Monthly Electric 05.02.19 - 06.03.19	
				\$ 3,100.00	Invoice #609330 - 03.04.19	Field Service	
15 Mile Sinkhole		Kestney Baker Baker Baker Baker Downing Baker Manning Baker	Aloia & Associates, P.C. Aloia & Associates, P.C. Aloia & Associates, P.C. Aloia & Associates, P.C. Aloia & Associates, P.C. Anderson, Eckstein & Westrick Dr. Mole Incorporated Huntington National Bank Kienbaum Hardy Viviano Pelton & Forrest	\$ 2,090.00	Invoice #18500 - 05.01.19	Sale of 45345 Garfield - Macomb	
				\$ 9,472.50	Invoice #18508 - 05.01.19	MIDDD v. Inland Waters Pollution Control, Jay	
				\$ 660.00	Invoice #18509 - 05.01.19	MIDDD v. Jay Dee Contractors	
				\$ 1,245.00	Invoice #18510 - 05.01.19	MIDDD v. Metco Services	
				\$ 4,462.50	Invoice #18511 - 05.01.19	MIDDD v. OMIDDD Legal Services	
				\$ 619.25	Invoice #122258 - 06.11.19	15 Mile Road Recovery Shaft	
				\$ 1,740.00	Invoice #18011-11 - 06.03.19	Forensic Report	\$ 21,511.17
				\$ 500.00	Invoice #14770 - 05.01.19	Bond Series 2017A - Paying Agent Fee	
				\$ 30,912.31	Invoice #42231 - 06.04.19	Water Hammer Lawsuits	
				\$ 1,375.00	Invoice #10422 - 06.13.19	CT-S-7 Meter Repair	
				\$ 15,010.00	Invoice #161024-31 - 06.13.19	Meter Maintenance	\$ 157,660.00
				\$ 11,814.00	Invoice #618666 - 06.07.19	Meter & Drop Shaft Rehab	\$ 208,704.27
				\$ 1,326.44	Invoice #19-262 - 05.31.19	Monthly Electric - 05.01.19 - 05.30.19	
				\$ 1,061.02	Invoice #16566729-00 - 06.04.19	Spare Parts	
				\$ 189,677.94		Total	
Meters							
NGI							
SCADA							



Budget to Actual  
MIDDD  
As of June 30, 2019 = 100%

DESCRIPTION	2019 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
GLWA-OMID	52,458,900		47,710,385	4,748,515	90.9%
OMID O&M	2,391,427		1,992,861	398,566	83.3%
Reimbursements	125,000		270,259	(145,259)	216.2%
Grants/SRF Funding	500,000		335,820	164,180	67.2%
PY Revenue-Fund Balance	3,325,000			3,325,000	0.0%
Sale of Land	-		100,742	(100,742)	100.0%
Reimb-Local Communities	8,989,650		8,162,257	827,393	90.8%
Surplus	3,000,000			3,000,000	0.0%
Interest	30,000		288,389	(258,389)	961.3%
<b>Total Revenue Accounts</b>	<b>70,819,977</b>	<b>-</b>	<b>58,860,714</b>	<b>11,959,263</b>	<b>83.1%</b>
<b>EXPENSE ACCOUNTS</b>					
GLWA-OMID	52,458,900		44,038,627	8,420,273	83.9%
OMID O&M	2,391,427		1,992,856	398,571	83.3%
Public Works Wastewater Disposal Division	1,602,641		1,045,156	557,485	65.2%
Administration and Operations	288,653		246,954	41,699	85.6%
SCADA	151,626		100,714	50,912	66.4%
<b>Engineering</b>					
As Needed FTCH	75,000		58,003	16,997	77.3%
AS Needed CH2M	75,000		24,446	50,554	32.6%
As needed FK Engineering	75,000		26,142	48,858	34.9%
As Needed Wade Trim	75,000		43,925	31,075	58.6%
AS Needed Metco	75,000		5,338	69,662	7.1%
As Needed Applied Science	75,000		20,700	54,300	27.6%
Meter Dye Dilution Testing/As needed	100,000			100,000	0.0%
Engineering Design for MID repairs	1,000,000		17,900	982,100	1.8%
Drop Shaft Repairs(MA-S-2),CT-S-2, HR-S-2, ST-S-5,UT-S-1)	4,000,000		37,324	3,962,676	0.9%
SY-S-1 & SY-S-2 Meter Rehab	1,000,000		72,918	927,082	7.3%
System wide odor and corrosion study	500,000		182,503	317,497	36.5%
Lining Evaluation	-		24,861	(24,861)	100.0%
McMARS Operations	50,000		46,948	3,052	93.9%
SAW Engineering	625,000		45,663	579,337	7.3%
Bluewater	100,000		50,000	50,000	50.0%
Eng Meter Rehab Design(SYS-1 & SYS-2)	250,000			250,000	0.0%
Drop Shaft Repair	2,000,000		214,088	1,785,912	10.7%
Wastewater Master Plan/Contract Capacity	600,000		483,644	116,356	80.6%
Level Sensors/Pressure/H25	300,000			300,000	0.0%
Legal Services	400,000		233,895	166,105	58.5%
Clintondale PS O&M	550,000		404,134	145,866	73.5%
NGI O&M	371,000		119,230	251,770	32.1%
Meters O&M	330,000		210,012	119,988	63.6%
CS-3 O&M	52,000			52,000	0.0%
Biofilter O&M	304,500		10,269	294,231	3.4%
Contribution Life Cycle Reserve	171,700		85,850	85,850	50.0%
Sewage Disposal Charges - Mt. Clemens	200,000		152,688	47,312	76.3%
Debt Service - Revenue Bonds	572,530		381,687	190,843	66.7%
<b>Total Expense Accounts</b>	<b>70,819,977</b>	<b>-</b>	<b>50,376,475</b>	<b>20,443,502</b>	<b>71.1%</b>

	O&M Balance 6/30/2018	O&M	Total 6/30/2019
Cash - Operating	24,259,763	8,484,239	32,744,002
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		58,860,714	58,860,714
Expenditures		50,376,475	50,376,475
Equity*	24,259,763		32,744,002

**Detail of 2018 Equity\***

Projected reserve at 6/30/2018	15,675,763
Projected Engineering Reserve	3,250,000
Projected Sinkhole Surplus	4,800,000
Life Cycle Reserve	534,000
Use of surplus for 18/19	(3,000,000)

**Dec 2016 Sinkhole**

Revenue	75,681,681
Expenditures	71,807,293
Net	<u>3,874,388</u>