

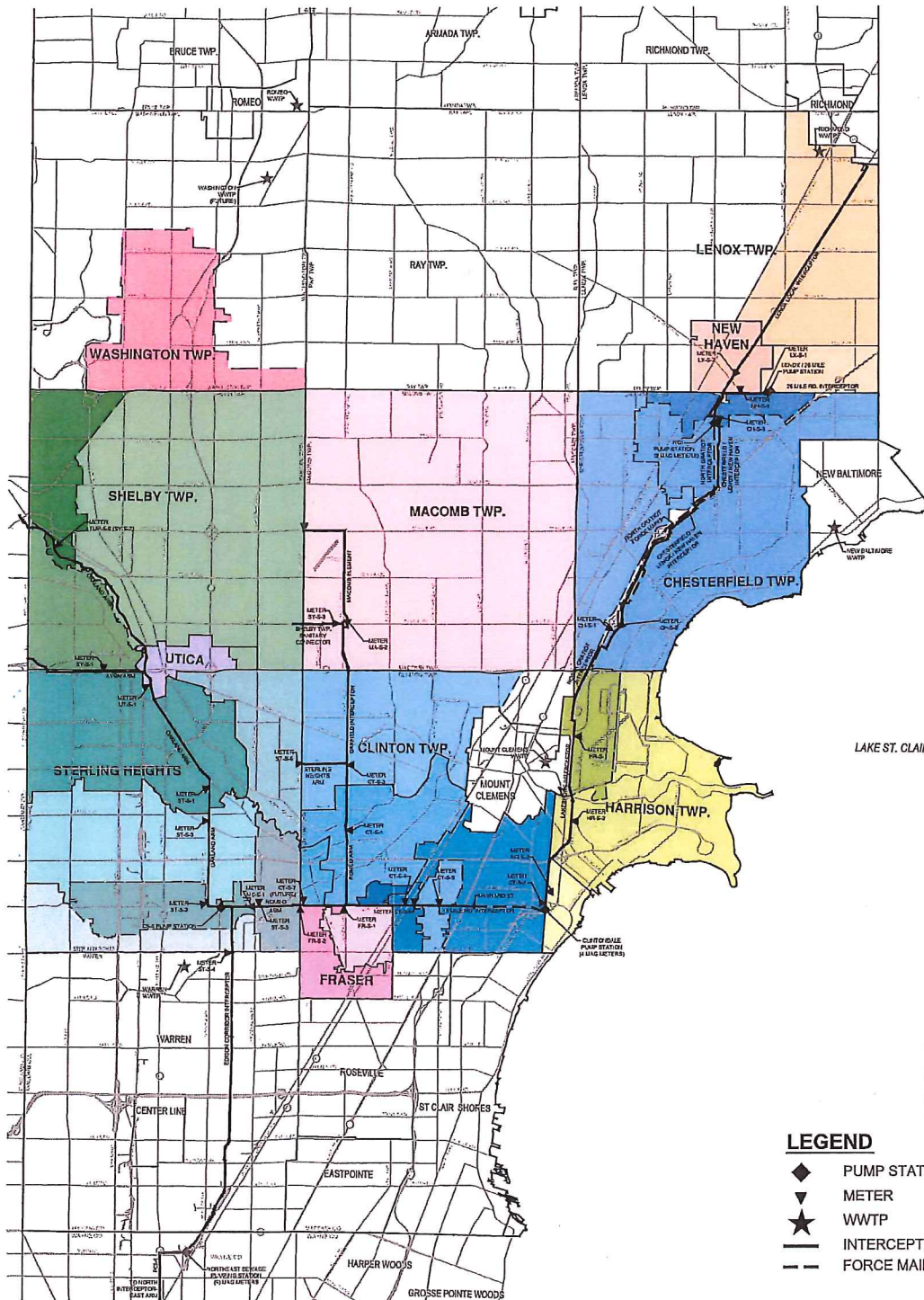
MACOMB INTERCEPTOR DRAIN
SEPTEMBER 10, 2018
10:45 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for September 10, 2018	
3. Approval of Minutes for August 13, 2018	3
4. Public participation	
5. Project Updates (Fatberg, Grouting, Project Plan, Master Plan) – Vince Astorino and Evans Bantios	
6. Consideration for approval of invoices (see attached)	6
7. MIDD Financial Report – Bruce Manning	8
8. Old Business	
9. New Business	
10. Adjourn	

Next Regular Meeting

October 15, 2018 at the Office of the Macomb County Public Works Commissioner,
21777 Dunham Road, Clinton Township, Michigan 48036

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



Candice S. Miller

MACOMB COUNTY PUBLIC WORKS COMMISSIONER



UPDATED: FEBRUARY 2017

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 August 13, 2018, at 11:11 A.M.

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

Also Present: Rob Leonetti, Macomb County Board of Commissioners, Brian Baker, Chief Deputy, Vincent Astorino, P.E., Operations and Flow Manager, Jeff Bednar, P.E., Environmental Engineer, Bruce Manning, Financial Manager, Dan Heaton Public Relations Manager, Thomas Stockel, Construction Engineer, Madison Tanghe, Senior Secretary, Macomb County Public Works (MCPW); Jordan Scott, Sterling Heights Dept. of Public Works; Elizabeth Madson, Breck McCorory, Chesterfield Township Library

The meeting was called to order by the Chair, Candice Miller. The agenda was approved as presented.

Minutes of the meeting of July 9, 2018 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.

There is a fat, oil, grease clump (fatberg) approximately 3 feet wide inside our pipe upstream of the Clintondale Pump Station. Two companies were contacted for a quote on removal. Doetsch Environmental Services provided an official proposal and the other, National Industrial, only provided an approximate cost. Doetsch has a well put together plan on how they will approach the situation.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve award of quote to Doetsch Environmental Services for removal of the fatberg upstream of the Clintondale Pump Station for a not-to-exceed amount of \$99,500.

Adopted: YEAS: 3
NAYS: 0

The Macomb Interceptor Drainage District possess a piece of land that would be an ideal location for a new Chesterfield Township Library. The property has been listed for over a year with no other offers and also has an area of wetlands that could hinder its market value and development possibilities for other uses. Funds would go back into the MIDD's account.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the Real Estate Purchase Agreement between Chesterfield Township Library and the Macomb Interceptor Drain Drainage District for the property located at 21 Mile Road and Sugarbush (Parcel ID#09-32-127-033).

Adopted: YEAS: 3
NAYS: 0

Green Lantern is one of the last restoration agreements needed due to the 2016 MIDD sinkhole. Restoration of the property concludes with a new gate and fence.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the Restoration Agreement and Release totaling \$1,984, as full and final restoration of all claims relating to Green Lantern, and authorize Aloia & Associates to proceed to finalize the transaction.

Adopted: YEAS: 3
NAYS: 0

There has been a complete inspection and evaluation of the 17 miles of the Macomb Interceptor Drain after the collapse of 2016 conducted by Hubbell, Roth & Clark, Inc. With such a large evaluation, a second option is recommended to review possible rehabilitation alternatives and options.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the Engagement Agreement with Doctor Mole Incorporated to conduct a professional review and recommendation for future rehabilitation needs of the MID system.

Adopted: YEAS: 3
NAYS: 0

The Lake St. Clair Drain Board has approved a \$100,000 transfer to the MIDD for a St. Clair Shores Sewer Separation study.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve Change Order No. 2 to the Fishbeck, Thompson, Carr & Huber, Inc. Master Plan Contract for the St. Clair Shores sewer Separation study to be funded by Lake St. Clair Clean Water Initiative.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$7,943,932.11 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. Santo, supported by Mr. Mijac.

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 11:49 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 13, 2018, 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: 8/14/18

MACOMB INTERCEPTOR DRAIN - 9/10/18

Funding Source	Apportionment	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Macomb Interceptor Drain	Administration					
	Chapter 20					
	Chesterfield - 6.9899%	Aloia & Associates, Inc.	\$ 1,401.25	Invoice #17548 - 8/1/18 Legal Services - ending 7/31/18	Sale of Vacant Property - 21 Mile/Sugarbush	
	Clinton - 20.9164%	Anderson, Eckstein & Westrick, Inc.	\$ 11,708.65	Invoice #0118607 - 8/9/18 Engineering Services - 6/25/18 - 7/22/18	Dropshaft & Connecting Sewer Rehab	\$ 283,889.35
	Fraser - 4.1343%	Bank of New York Mellon	\$ 182,500.24	Debt Service Payment	Macomb Element & Sterling Heights Arm Interceptor & Manhole Rehabilitation	
	Harrison - 5.9902%	CDW-Government	\$ 2,523.19	Invoice #NXF5731 - 8/24/18	Laptop, Pro-Docks, Cases, Adapters - Welser & Astorino	
	Lenox - 8610%	Conway Shield	\$ 599.84	Invoice #0421313-IN - 4/17/18	Rescue Equipment - Confined Space Trailer	
	Macomb - 14.5180%	Conway Shield	\$ 794.21	Invoice #0423950-IN - 5/30/18	Rescue Equipment - Confined Space Trailer	
	New Haven - 8150%	Eight and One-half Mile Relief Drain	\$ 953.22	Invoice #051-18 - 7/14/18 - 8/10/18	Personnel Reimbursement - Daily Monitoring	
	Shelby - 9.9241%	Eight and One-half Mile Relief Drain	\$ 853.55	Invoice #055-18 - 7/14/18 - 8/10/18	Personnel Reimbursement - NGI Valve Repair, Meter Pit Inspections	
	Sterling Heights - 31.2761%	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 2,457.70	Invoice #376775 - 8/20/18 Engineering Services - ending 8/10/18	GLWA Assistance	
	Utica - 1.7244%	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 2,761.00	Invoice #376784 - 8/20/18 Engineering Services - ending 8/10/18	As-Needed Engineering Services	\$ 34,553.30
	Washington - 2.8507%	FK Engineering Associates	\$ 4,985.50	Invoice #17-134-006 - 8/2/18 Engineering Services - 7/1/18 - 7/31/18	As-needed Geotechnical Services - Grouting (Portion billed to Clinton Township)	\$ 20,900.03
	SARF 5624-01	Giffels Webster	\$ 6,310.00	Invoice #117010 - 8/8/18 Engineering Services - ending 7/28/18	Inspection Program & Grant Management	\$ 593,432.40
	SAW Grant 1128-01 (Closing date 11/27/19)	Hubbell, Roth & Clark, Inc.	\$ 9,013.58	Invoice #0163080 - 8/13/18 Engineering Services - ending 7/28/18	MID Sewer Inspection Work - Red Zone Task A	\$ 584,418.82
	SAW Grant 1128-01 (Closing date 11/27/19)	Johnson & Anderson	\$ 750.00	Invoice #42026 - 8/8/18 Engineering Services - ending 7/28/18	Conversion of MCMARS to Bluewater	\$ 18,800.00
		Macomb County	\$ 600.00	Invoice #8060-2018 - 8/28/18	Reimbursement - Macomb County General Fund for Dropbox	
		Macomb County Department of Roads	\$ 654.81	Invoice #301054 - 8/9/18	Monthly Gas - ending 7/31/18	

MACOMB INTERCEPTOR DRAIN - 9/10/18

Funding Source	Apporionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Administration (Cont'd)		Astorino	Mount Clemens	\$ 17,194.23	Invoice #12638 - 8/6/18	Sewage Flow Billing - July 2018	
		Bantios	NTH Consultants, LTD	\$ 7,466.25	Invoice #615286 - 8/3/18 Engineering Services - ending 7/27/18	Underground Engineering Services - Metering Facilities, Drop Shaft, Connection Sewers	\$ 386,508.75
		Baker	Viviano Law	\$ 3,372.50	Invoice #19973 - 8/3/18 Legal Services - ending 7/31/18	General Matters	
		Baker	Viviano Law	\$ 7,185.07	Invoice #19977 - 8/3/18 Legal Services - ending 7/31/18	General Matters	
		Astorino	Wade Trim	\$ 5,572.75	Invoice #2012410 - 8/28/18 Engineering Services - 7/29/18 - 8/25/18	As-Needed Engineering Services - NGI	\$ 15,638.50
Biofilter		Manning	Bank of New York Mellon	\$ 118,649.99	Debt Service Payment	Biofilter - Project Complete	
		Astorino	CH2M	\$ 1,412.60	Invoice #381156681 - 8/24/18 Engineering Services - 5/26/18 - 7/27/18	Biofilter Improvements Evaluation	\$ 39,045.25
Clintondale P.S.		Astorino	Vari-Tech, LLC	\$ 3,135.95	Invoice #61052 - 8/10/18	Repair Biofilter blowers	
		Astorino	Clinton Township	\$ 2,252.40	Monthly Water - 6/26/18 - 7/24/18		
		Astorino	DTE Energy	\$ 13,258.71	Monthly Electric - 7/3/18 - 8/1/18		
1.5 Mile Sinkhole		Baker	Aloia & Associates, Inc.	\$ 1,156.38	Invoice #17549 - 8/1/18 Legal Services - ending 7/31/18	Sinkhole	
		Bantios	Aloia & Associates, Inc.	\$ 2,240.50	Invoice #17550 - 8/1/18 Legal Services - ending 7/31/18	Sinkhole	
		Keskeny	Aloia & Associates, Inc.	\$ 2,948.75	Invoice #17551 - 8/1/18 Legal Services - ending 7/31/18	Sale of 34960 Eberlein, Fraser	
		Bantios	Aloia & Associates, Inc.	\$ 617.50	Invoice #17553 - 8/1/18 Legal Services - ending 7/31/18	Sterling Heights vs. MIDD	
		Bantios	Aloia & Associates, Inc.	\$ 24,524.18	Invoice #0118508 - 8/6/18 Engineering Services - 6/25/18 - 7/22/18	Recovery Shaft	
		Baker	Viviano Law	\$ 2,127.00	Invoice #19976 - 8/3/18 Legal Services - ending 7/31/18	Sterling Heights vs. MIDD	
		Baker	Viviano Law	\$ 32,358.21	Invoice #19985 - 7/31/18 Legal Services - ending 7/31/18	Sinkhole	
Meters		Astorino	Applied Science, Inc.	\$ 24,612.50	Invoice #7077 - 5/14/18 Engineering Services - 1/1/18 - 4/28/18	Dye Dilution Testing	\$ 75,387.50
	SRF 5487-01	Manning	Bank of New York Mellon	\$ 88,683.36	Debt Service Payment	Meter Rehabilitation/Repair - Project Complete	
		Astorino	HESCO	\$ 5,900.00	Invoice #10280 - 8/7/18	MID Meter Repair	
		Astorino	HESCO	\$ 17,210.00	Application #21 - 8/12/18	MID Meter Maintenance	
NGI		Astorino	DE-CAL, Inc.	\$ 15,180.00	Invoice #WO18000846 - 8/9/18	PM on ARVs	
		Astorino	DTE Energy	\$ 1,224.58	Monthly Electric - 6/30/18 - 7/31/18	Calibration of Pressure Sensors	
		Astorino	Galloup	\$ 700.17	Invoice #S107127848.001 - 8/9/18		
OMID		Astorino	Oakland County Treasurer	\$ 4,570,860.67	Sewerage Disposal Charges - July 2018		
			Total	\$ 5,198,710.99			

Income Statement
MIDDD
As of August 31, 2018

	30-Jun-18 Total Fund	7-1-18 to 8-31-18 O&M**
Revenues		11,635,128.00
Expenditures		9,516,322.00
Equity*	22,921,090	

NOTES

- *Projected reserve at 6/30/2018
- Projected Engineering Reserve 17,000,000
- Projected Sinkhole Reserve 3,250,000
- Projected Sinkhole Surplus 4,000,000
- Life Cycle Reserve 534,000
- Use of surplus for 18/19 (3,000,000)

** Includes following Projects:

∞ Dec 2016 Sinkhole	Revenue	70,000,000	2017A Bond
	Expenditures	5,150,000	State Grant
	Net	70,992,175	Clinton Twp share of AEW invoice
		4,641,372	sale of property