

Miller
Santo
VanSyckel

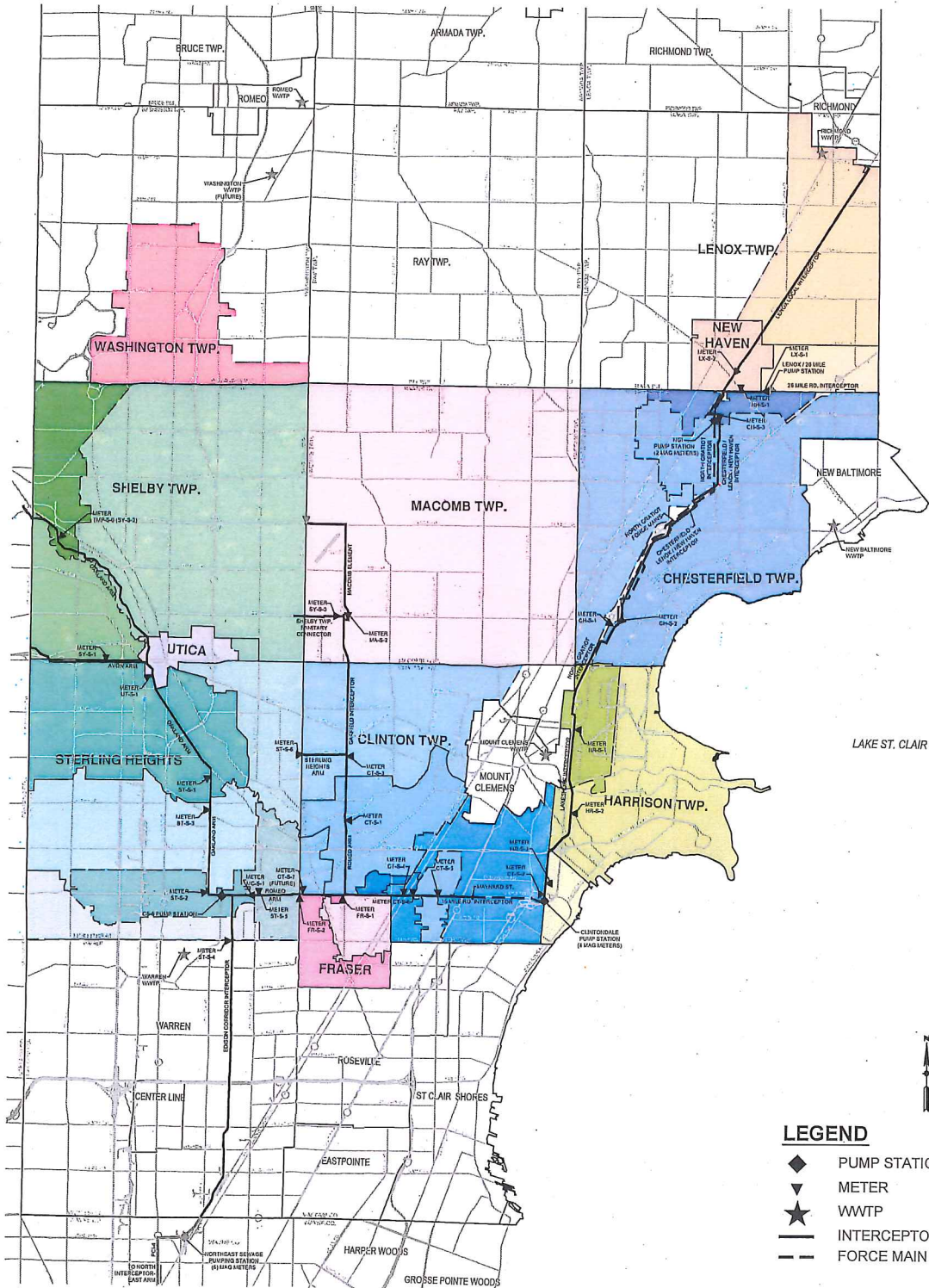
MACOMB INTERCEPTOR DRAIN
INTRA-COUNTY DRAINAGE BOARD
JANUARY 11, 2021
10:30 A.M.
AGENDA

NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE

Call in Number: 1-931-622-9061
Access Code: 296 407 544

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for January 11, 2021	
3. Approval of Minutes for December 14, 2020	3
4. Public Participation	
5. Project Updates – Stephen Downing/Vince Astorino	
6. Consideration for approval of invoices (see attached)	7
7. Financial Report – Bruce Manning	9
8. Adjourn	

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



Candice S. Miller
 MACOMB COUNTY PUBLIC WORKS COMMISSIONER

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 UPDATED: FEBRUARY 2017

An adjourned meeting of the Intra-County Drainage Board for the **MACOMB INTERCEPTOR DRAIN** was held via telephone conference per the State Public Act 228 of 2020 due to the COVID-19 pandemic, on December 14, 2020, at 10:42 A.M.

PRESENT: Candice S. Miller, Chair
Location: Harrison Township, MI

Rob Mijac, Member
Location: Sterling Heights, MI

Bryan Santo, Member
Location: Mt. Clemens, MI

ALSO PRESENT: Board of Commissioner Elect Don VanSyckel; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Stephen Downing, Construction & Maintenance Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Jeff Bednar P.E., Environmental Resources Manager, Vince Astorino, Operations & Flow Manager, Kellie Kource, Drain Account Specialist, Emily Engelmann, Administrative Assistant, Macomb County Public Works; Sebastian Previti, Patrick Meagher, Washington Township; Sydney Hilgendorf, Sterling Heights; Bob Gorski

The meeting was called to order by the Chair, Candice S. 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 November 9, 2020 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. Downing updated the board that the Segment 5 rehab project is moving along and going well. The final two sites of the drop shaft rehab project will be wrapping up this month. The MIDD Phase 2 grouting project is paused as Doetsch is taking care of grouting in OMID currently as there is a lot of work being done within the system. The Sorrento odor study will be wrapping up this month also.

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

Adopted: YEAS: 3
NAYS: 0

Mr. Astorino updated the board that every 3 years we have some type of inspection in the system. This year will be one of our biggest inspection years at approximately 26 miles of pipe through multiple systems. We received many bids, and Doetsch came back at a price that was way under budget for a large savings. We are very confident in their work, and would like to proceed with them.

A motion was made by Mr. Santo, supported by Mr. Mijac to award the bid from Doetsch Environmental Services in the amount of \$421,254.75 to perform the work associated with the 2020 Interceptor Inspection Program (MIDD costs of \$280,034).

Adopted: YEAS: 3
NAYS: 0

Mr. Astorino updated the board that Applied Science has been doing dye-dilution testing for us, which checks all of our billing meters across the system to check against the meter to see how accurate it is. It is important to have the meters working correctly as the meters help us establish our budgets and flow allocation to each of our communities. The testing is done every other year and it has worked well.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve Change Order No. 1 for \$100,000 to the Dye-Dilution Testing contract with Applied Science, Inc.

Adopted: YEAS: 3
NAYS: 0

Mr. Downing updated the board that we have been very satisfied with Marino's Landscaping and would like to extend the lawn maintenance contract at current pricing with them for three years.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve a contract amendment to extend the Marino's Landscaping contract for the 2021, 2022, and 2023 seasons based on 2020 rates for a total cost of \$25,701 (\$8,567 annually).

Adopted: YEAS: 3
NAYS: 0

Mr. Downing updated the board that earlier this year we paused grouting in the Segment 5 region due to moving them to the Phase 2 grouting. Segment 5 was started again and is finished and this change order will be the close out of the Segment 5 grouting.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve Change Order No. 2 for the final costs of \$68,542.05 incurred by Doetsch Environmental Services to complete the Segment 5 Chemical Grouting.

Adopted: YEAS: 3
NAYS: 0

Mr. Downing updated the board that we ran out of budget earlier this year for the Grouting Inspection project. This change order will make FKE's contract whole for all engineering oversight incurred.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve Change Order No. 3 for \$54,649.79 for the costs incurred by FK Engineering to complete the Segment 5 Chemical Grouting efforts.

Adopted: YEAS: 3
NAYS: 0

Mr. Downing updated the board that late in the Segment 5 design, the CS-12 pump station access structure turned from a temporary pump station to use during construction into a permanent pump station that will allow us better methods of dewatering the upstream section of pipe. FKE will manage this project.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve Change Order No. 3 for \$70,140 for FK Engineering to provide Electrical Design Services for the CS-12 Access Shaft and Dewatering Pump Station (Segment 5).

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$3,264,406.13 to the board for review and approval.

A motion was made by Mr. Mijac, 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. 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 Macomb Interceptor Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 11:06 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, December 14, 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: 12/14/20

MACOMB INTERCEPTOR DRAIN 12/15/20 - 1/5/21

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance			
Macomb Interceptor Drain	Chapter 20 Chesterfield - 7.2499% Clinton - 21.2506% Fraser - 4.0512% Harrison - 6.4207% Lenox - 1.0638% Macomb - 13.9606% New Haven - 8.2265% Shelby - 9.9057% Sterling Heights - 30.9081% Utica - 1.5918% Washington - 2.7751%	Administration	Astornio	Access Interactive	\$ 6,596.60	Invoice #AI-MCPWO09142020 - 12.30.20	SCADA Server Upgrade			
			Astornio	ALTA Equipment Company	\$ 8,198.39	Invoice #SE2/5474 - 11.24.20	Scissor Lift			
			Downing	Anderson, Eckstein & Westrick	\$ 18,343.50	Invoice #129034 - 12.11.20	Dropshaft & Connecting Sewer Rehab - Engineering	\$ 91,647.50		
			Astornio	Aquasight	\$ 75,500.00	Invoice #00601A - 11.30.20	COVID 19 - CEWS Program (State Funds)			
			Astornio	Aquasight	\$ 151,000.00	Invoice #000606 - 12.7.20	COVID 19 - CEWS Program (State Funds)			
			Astornio	City of Mt. Clemens	\$ 13,875.28	Invoice #28002055 - 11.25.20	Monthly Utilities - October 2020			
			Astornio	City of Mt. Clemens	\$ 13,880.14	Invoice #28002080 - 12.22.20	Sewage Flow November 2020			
			Astornio	DTE Energy	\$ 1,142.11	Invoice #ROTQT-8RN90 - 12.3.20	Monthly Electric - 10.31.20 - 12.2.20			
			Astornio	Fishbeck	\$ 3,115.00	Invoice #396833 - 12.2.20	WWMP through 11.27.20	\$ 470,667.39		
			Astornio	Fishbeck	\$ 1,875.00	Invoice #396829 - 12.2.20	GLWA Assistance	\$ 22,174.37		
			Astornio	Fishbeck	\$ 1,281.00	Invoice #396836 - 12.2.20	As-Needed Engineering Services	\$ 83,540.88		
			Astornio	Fishbeck	\$ 14,143.00	Invoice #397588 - 12.29.20	Wastewater Master Plan	\$ 456,524.39		
			Downing	FK Engineering	\$ 36,390.95	Invoice #20-058-006 - 12.1.20	Segment 6 Rehabilitation Design	\$ 110,118.51		
			Downing	FK Engineering Associates	\$ 172,837.24	Invoice #20-152-001 - 12.2.20	Romeo Arm Lining Segment 5 CCA	\$ 2,393,993.52		
			Downing	FK Engineering Associates	\$ 44,985.83	Invoice #20-058-007 - 12.17.20	Segment 6 Rehabilitation	\$ 65,132.68		
			Astornio	Hubbell, Roth & Clark, Inc.	\$ 9,920.86	Invoice #184361 - 12.14.20	SY-S-1 and SY-S-2 Meter Rehab Washington Twp	\$ 116,118.66		
			Astornio	HESCO	\$ 10,500.00	Invoice #20201559 - 12.4.20	Monthly Lease Sampler Equipment (State Funds)			
			Downing	Inland Waters	\$ 148,770.00	Invoice #WO18330 Est 3 - 11.24.20	Drop Shaft & Connecting Sewer Rehab	\$ 805,417.35		
			Downing	Inland Waters	\$ 200,250.00	Invoice #WO18831 Est 3 - 11.30.20	Drop Shaft & Connecting Sewer Rehab	\$ 196,500.00		
			Baker	KHVPP, PLC	\$ 3,215.00	Invoice #45792 - 12.1.20	General Matters November 2020			
			Astornio	METCO Consulting Services	\$ 2,344.43	Invoice #1717-18 - 12.1.20	Flow Control Services	\$ 118,522.52		
			Downing	NTH Consultants, Ltd.	\$ 63,890.47	Invoice #624506 - 11.24.20	Meter & Drop Shaft Rehab - Engineering	\$ 31,292.30		
			Downing	NTH Consultants, Ltd.	\$ 30,656.06	Invoice #624815 - 12.22.20	Meter and Drop Shaft Rehab	\$ 636.24		
			Astornio	Wade Trinn	\$ 530.00	Invoice #2019679 - 12.2.20	As-Needed Engineering Services - 10.31.20 - 11.27.20	\$ 86,603.68		
			Clintondale P.S.		Astornio	Clinton Township Treasurer	\$ 2,294.07	Invoice #20-804 - 11.30.20	Monthly Water & Sewer - 10.28.20 - 11.24.20	
					Astornio	Colville Electric Co., LLC	\$ 698.55	Invoice #20697 - 12.7.20	Change Timers	
					Astornio	De-Cal, Inc.	\$ 643.08	Invoice #WO9201536 - 11.25.20	Lift Rental	
Astornio	DTE Energy	\$ 18,770.84			Invoice #R171J-NMSSG - 12.1.20	Monthly Electric - 11.3.20 - 12.1.20				
Astornio	Duperon Corporation	\$ 1,200.00			Invoice #22694 - 10.26.20	Tech Support - Automated Bar Screens				
Astornio	HESCO	\$ 4,740.00			Invoice #20201597 - 12.17.20	Gate Preventative Maintenance				
15 Mile Sinkhole		Downing	Anderson, Eckstein & Westrick	\$ 1,167.00	Invoice #128377 - 11.2.20	Recovery Shaft Warranty	\$ 23,833.00			
		Downing	Anderson, Eckstein & Westrick	\$ 4,765.85	Invoice #129033 - 12.11.20	Recovery Shaft Warranty	\$ 19,067.15			

MACOMB INTERCEPTOR DRAIN 12/15/20 - 1/5/21

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
NGI		Astorino	CH2M Hill Engineers, Inc.	\$ 9,723.67	Invoice #704078CH003 - 12.7.20	H2S Sampling	\$ 22,576.11
		Astorino	DTE Energy	\$ 1,142.11	Invoice #ROTQT-8RN90 - 12.3.20	Monthly Electric - 10.31.20 - 12.2.20	
		Astorino	Kennedy Industries	\$ 2,715.00	Invoice #622144 - 11.25.20	Annual PM - Pumps	
OMID		Astorino	Access Interactive	\$ 1,073.84	Invoice #AI-MCPWO09142020 - 12.30.20	SCADA Server Upgrade	
		Downing	Oakland County	\$ 4,257,665.09	Invoice #SDS000-478-NOV - 12.6.20	Monthly Waste Disposal - November	
SEMSD		Astorino	Fishbeck	\$ 1,177.50	Invoice #397387 - 12.29.20	Wastewater Master Plan	\$ 78,811.60
Total				\$ 5,341,017.46			

Budget to Actual
MIDD
As of Dec 31, 2020 = 50%

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
GLWA-OMID	47,262,993		23,635,099	23,627,895	50.0%
OMID O&M	3,828,987		1,914,494	1,914,494	50.0%
Settlement	100,000		12,500,000	(12,400,000)	12500.0%
EGLE Testing Grant	-		111,640	-	0.0%
SRF 5659-03	-		2,505,992	-	9.6%
Reimbursements	225,000		101,846	123,154	45.3%
PY Revenue-Fund Balance	8,388,627		-	8,388,627	0.0%
Washington Twp Meter Project	47,475		-	47,475	0.0%
Reimb-Local Communities	13,548,089		5,645,037	7,903,052	41.7%
Interest	250,000		29,123	220,877	11.6%
Total Revenue Accounts	73,651,171	-	46,443,230	29,825,573	63.1%
EXPENSE ACCOUNTS					
GLWA-OMID	47,262,993		23,635,099	23,627,895	50.0%
OMID O&M	3,828,987		1,914,494	1,914,494	50.0%
Public Works Wastewater Disposal Division	1,942,127		306,780	1,635,347	15.8%
Office Operations/Insurance	309,925		87,794	222,131	28.3%
SCADA	268,889		20,972	247,917	7.8%
Engineering					
Meter Dye Testing 2 year contract new this year	100,000		25,300	74,700	25.3%
Data Review-Aquasight	250,000		30,995	219,005	12.4%
Replenish reserve from CPS refunding	618,680		-	618,680	0.0%
Design Odor and Corrosion	750,000		3,420	746,580	0.5%
Construction Project for Odor and Control	1,000,000		-	1,000,000	0.0%
SY-S-1,SY-S-2, WA-S-1 Construction Admin	250,000		38,808	211,192	15.5%
FKE Rehab analysis phase 2	84,000		14,000	70,000	16.7%
Seg 5 Construction	1,150,000		131,548	1,018,452	11.4%
Seg 5 Lining SRF(\$26 Million)	-		2,505,992	-	9.6%
Phase II Grouting	3,825,000		1,196,625	2,628,375	31.3%
GLWA Assistance	40,000		4,875	35,125	12.2%
Drop Shaft	-		687,626	(687,626)	100.0%
As Needed FTCH	75,000		3,861	71,139	5.1%
As Needed FK Engineering	75,000		6,898	68,102	9.2%
As Needed Wade Trim	75,000		104	74,896	0.1%
As Needed Metco	125,000		10,376	114,624	8.3%
As Needed Applied Science	25,000		-	25,000	0.0%
As Needed Odor and Corrosion	75,000		-	75,000	0.0%
Seg 5 Engineering Design	374,557		283,891	90,666	75.8%
Contribution to Segment 5/Grouting	1,450,000		717,270	732,730	49.5%
15 Mile Inter Design East of Garfield (Segment 6)/Const Admin	1,500,000		243,527	1,256,473	16.2%
SY-S-1 & SY-S-2 Meter Design/Rehab	1,134,070		-	1,134,070	0.0%
Level Sensors/Pressure/H2S-Meters	250,000		-	250,000	0.0%
Wastewater Master Plan/Contract Capacity	400,000		28,898	371,102	7.2%
EGLE Testing Grant	-		330,304	-	0.0%
Washington Township meter	500,000		-	500,000	0.0%
Legal Services	250,000		12,961	237,039	5.2%
Clintondale PS O&M	639,500		163,992	475,508	25.6%
NGI O&M	230,000		61,300	168,700	26.7%
Meters O&M	253,470		146,792	106,678	57.9%
CS-3 O&M	226,000		-	226,000	0.0%
Biofilter O&M	22,500		8,671	13,829	38.5%
Contribution Life Cycle Reserve	171,700		-	171,700	0.0%
Interceptor O&M	1,900,000		7,715	1,892,285	0.4%
Stormwater Pump Stations	234,250		117,125	117,125	50.0%
Sewage Disposal Charges - Mt. Clemens	200,000		60,977	139,023	30.5%
Debt Service - Revenue Bonds	1,784,523		892,262	892,262	50.0%
Total Expense Accounts	73,651,171	-	33,701,251	42,786,216	45.8%

	O&M Balance 6/30/2020	O&M	Total 12/31/2020
Cash - Operating	24,226,346	12,741,979	36,968,325
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		46,443,230	46,443,230
Expenditures		33,701,251	33,701,251
			0
Equity*	24,226,346		36,968,325

Detail of 2020 Equity*

Projected reserve at 6/30/2020	6,818,887
Projected Engineering Reserve	12,920,000
Projected Sinkhole Surplus	3,656,059
Life Cycle Reserve	831,400