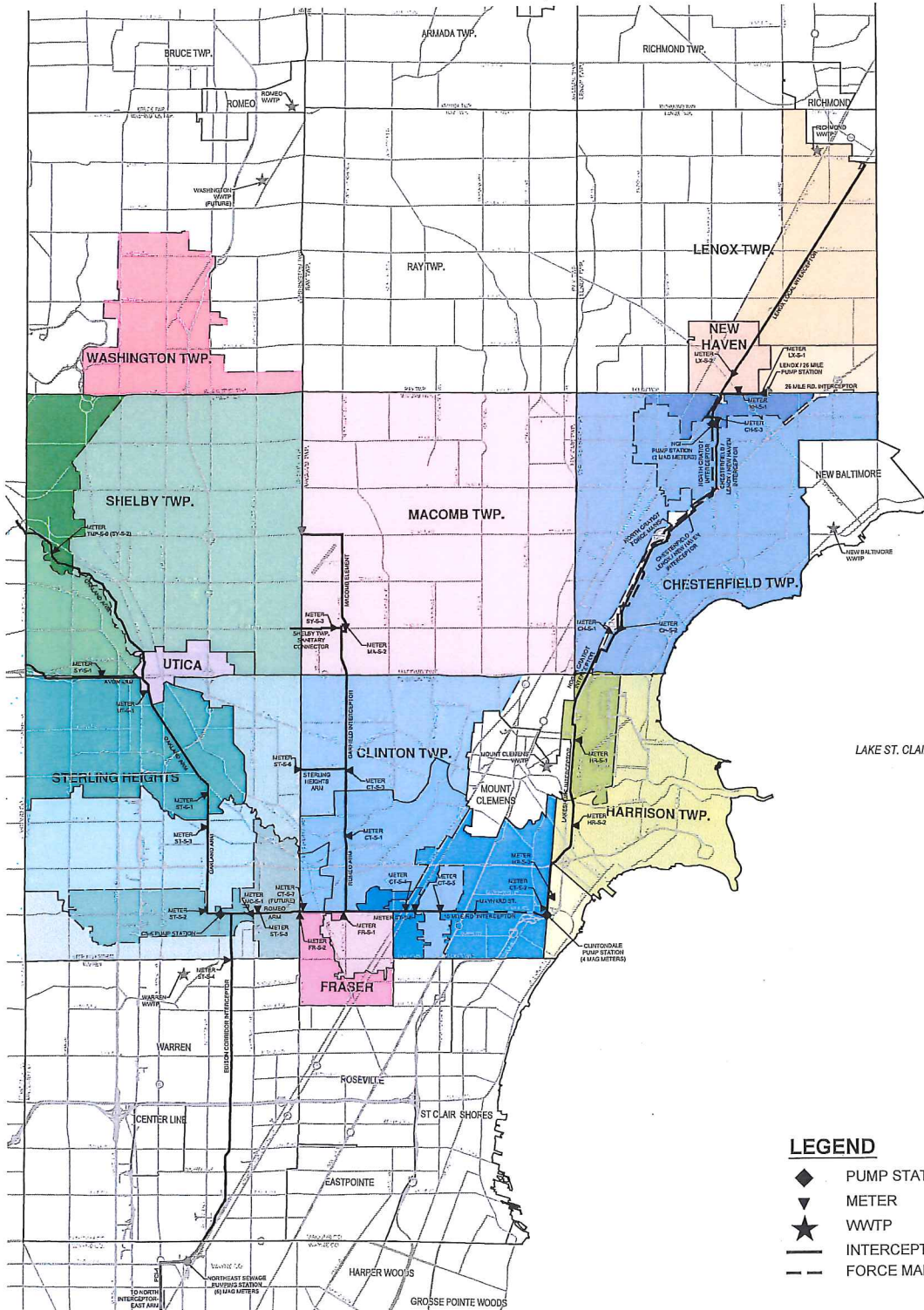


MACOMB INTERCEPTOR DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
FEBRUARY 10, 2020  
10:45 A.M.  
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for February 10, 2020	
3. Approval of Minutes for January 13, 2020	3
4. Public Participation	
5. Correspondence – Successful 2011 MIDD Clintondale Pump Station Bond Refinancing	6
6. Project Updates – Vince Astorino/Stephen Downing	
7. Resolution to Perform Maintenance Activities and State Revolving Fund (SRF) Financing for the Segment 5 Rehabilitation Project – Brian Baker	10
Motion: To approve the resolution authorizing the non-petitioned maintenance and coordination of low interest SRF funding for the Segment 5 Rehabilitation Project.	
8. Owner Controlled Insurance Program (OCIP) – Segment 5 & Segment 6 Projects – Stephen Downing	11
Motion: To authorize the Board Chair to enter an agreement with Meadowbrook Insurance Agency to provide the described services for the Owner Controlled Insurance Program.	
9. Award of Segment 6 Engineering Design Proposal – Vince Astorino/Stephen Downing (Information to be provided at meeting)	
10. Consideration for approval of invoices (see attached)	15
11. Financial Report – Bruce Manning	17
12. Adjourn	

# MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



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



**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 January 13, 2020, at 10:03 A.M.

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

ALSO PRESENT: Harold Haugh, Veronica Klinefelt, Marvin Sauger, Macomb County Board of Commissioners; Vince Astorino, Operations & Flow Manager, Brian Baker, Chief Deputy, Stephen Downing, Construction & Maintenance Manager, Jeff Bednar, P.E., Environmental Resources Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Kellie Kource, Drain Account Specialist, Karen Czernel, Deputy, Danielle Devlin, Environmental Specialist, Macomb County Public Works

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 December 9, 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 the grouting operation is currently shut down due to the wet weather, but will resume shortly and still anticipate completing the project by the end of January. Segment 5 design has been submitted on time per the SRF schedule. Segment 6 proposals are expected back by January 31.

Mr. Downing stated that we have been working with Meadowbrook Insurance Agency on an owner controlled insurance program and anticipate bringing the board a proposal at the February Board meeting. We would like to gain efficiencies in having one insurance policy for different projects that put the owners in a better coverage position and also saves money.

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

Adopted: YEAS: 3  
NAYS: 0

Mr. Astorino updated the board regarding cost estimates to have Doetsch complete segments that still need grouting. We feel comfortable with their quality of work and pricing, and would like to continue using them.



A motion was made by Mr. Mijac, supported by Mr. Santo to approve the extension of the previously signed contract with Doetsch for the grouting of the Garfield and Lakeshore Interceptors at a not-to-exceed cost of \$3 million.

Adopted: YEAS: 3  
NAYS: 0

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the Grouting Engineering Oversight and Administration proposal from AEW at a not-to-exceed cost of \$438,009.50

Adopted: YEAS: 3  
NAYS: 0

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the Settlement Agreement and Release with Michael Abood totaling \$4,750 and authorize Aloia & Associates P.C. to proceed to finalize the transaction.

Adopted: YEAS: 3  
NAYS: 0

The Chair presented the invoices totaling \$4,922,925.57 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

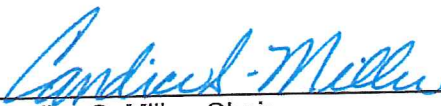
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Mijac and supported by Mr. Santo.

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 10:23 p.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 January 13, 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: 1/13/20



February 5, 2020

Mr. Brian Baker, Chief Deputy Commissioner  
County of Macomb  
21777 Dunham Road  
Clinton Township, MI 48036

RE: \$15,435,000 Macomb Interceptor Drain Drainage District, County of Macomb, State of Michigan, Clintondale Pump Station Improvements, Drainage District Refunding Bonds, Series 2020 (Limited Tax General Obligation)

Dear Mr. Baker:

This letter will confirm our recommendation that you, on behalf of the Macomb Interceptor Drain Drainage District (the "Drainage District"), accept and sign the Bond Purchase Agreement based on the offer of HilltopSecurities, Inc., to buy the above referenced bond issue. The Bonds are being issued by the Drainage District for the purpose of refunding or paying the principal of and interest on all or a portion of the Macomb Interceptor Drain Drainage District, County of Macomb, State of Michigan, Clintondale Pump Station Improvements, Drainage District, Series 2011 (Limited Tax General Obligation) dated October 18, 2011.

The True Interest Cost on the Series 2020 Bonds is 1.393698%. This produces gross savings of \$4,221,499.38 or Net Present Value Savings of \$3,682,250.37 or 17.087009% over the remaining life of the 2006 Bonds after paying all costs associated with the refunding. Therefore, we recommend that you accept and sign the Bond Purchase Agreement.

For your review, we have attached a copy of the Results of Bidding.

Should you have any questions, or require any additional information, please do not hesitate to call.

Sincerely,

**BENDZINSKI & CO.**  
**Municipal Finance Advisors**

A handwritten signature in black ink, appearing to read "Robert J. Bendzinski", is written over a light blue background.

Robert J. Bendzinski, CIPMA  
Registered Municipal Advisors

RJB/kmb  
Enclosure

Cc: Ms. Candice S. Miller, Public Works Commissioner  
Mr. Stephen Smigiel, Finance Director  
Mr. Bruce Manning, Financial Manager



**RESULTS OF NEGOTIATED SALE**

**\$15,435,000**

**MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT  
COUNTY OF MACOMB, STATE OF MICHIGAN  
CLINTONDALE PUMP STATION IMPROVEMENTS  
DRAINAGE DISTRICT REFUNDING BONDS, SERIES 2020  
(LIMITED TAX GENERAL OBLIGATION)**

**NEGOTIATED SALE DATE: February 5, 2020**

**AWARD DATE: February 5, 2020**

HilltopSecurities, Inc.	Underwriter's Discount	\$77,175.00
Citigroup	Premium	3,625,754.60
	True Interest Cost	1.393698%

<u>Year</u>	<u>Interest Rate</u>	<u>Year</u>	<u>Interest Rate</u>
2021	5.000%	2026	5.000%
2022	5.000%	2027	5.000%
2023	5.000%	2028	5.000%
2024	5.000%	2029	5.000%
2025	5.000%	2030	5.000%
		2031	5.000%

Bendzinski & Co., Municipal Finance Advisors, acted as municipal advisors to Drainage District in the development and sale of this issue.

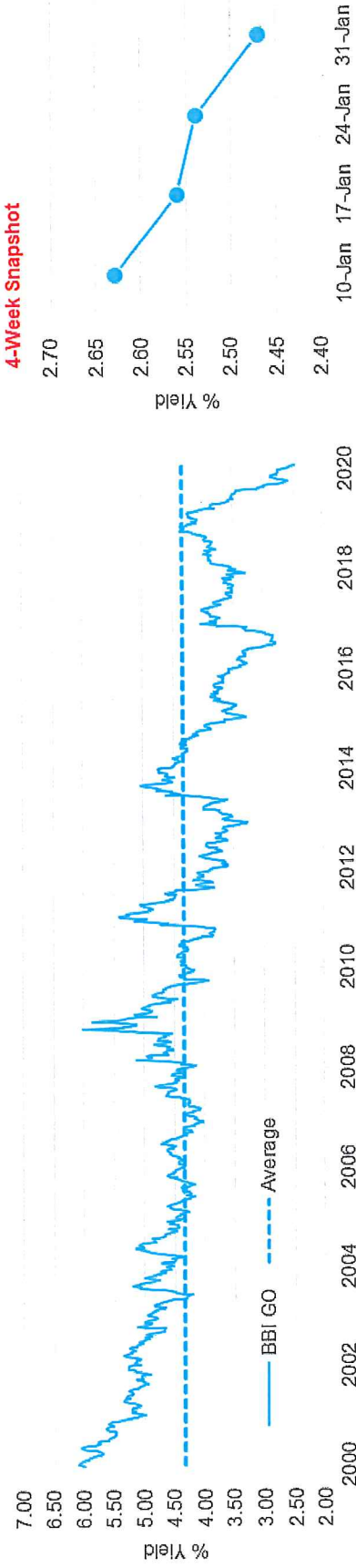
**RATING**

S & P Global Ratings Services      AA+

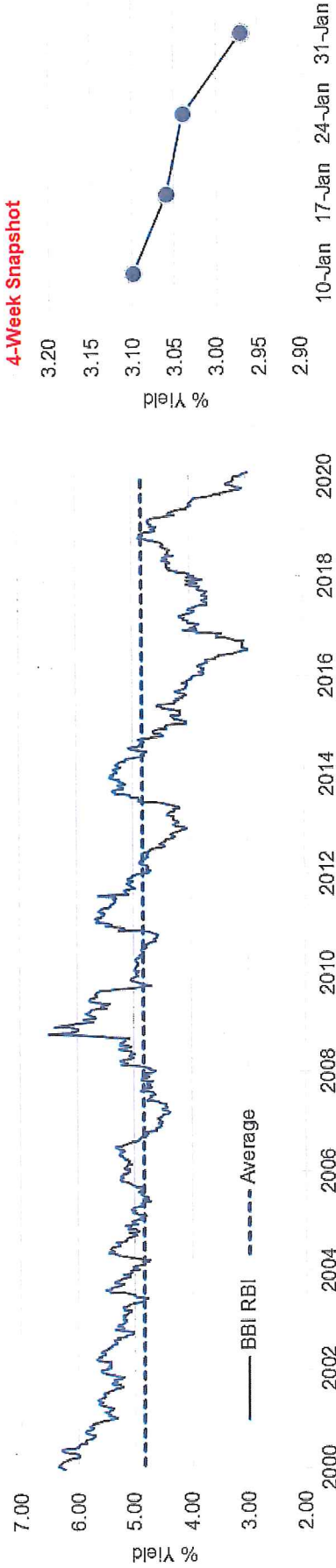


# Tax-Exempt Market Overview | The Bond Buyer

The Bond Buyer 20-Bond General Obligation Index



The Bond Buyer Revenue Bond Index



Source: The Bond Buyer





Brian Baker &lt;brian.baker@macombgov.org&gt;

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**updated release**

1 message

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**Dan Heaton** <dan.heaton@macombgov.org>  
To: Brian Baker <brian.baker@macombgov.org>

Wed, Feb 5, 2020 at 4:19 PM

## Miller: More Re-Fi's, More Savings for County Residents

Once again, the Macomb County Public Works Office has re-financed municipal bonds to realize direct savings for Macomb County ratepayers. The most recent action will save more than \$4.6 million for sewer service ratepayers – about \$1 million more than initially estimated.

“There’s nothing better than finding a little unexpected change in your blue jeans. Of course, \$4.6 million is more than a little change,” said Public Works Commissioner Candice S. Miller.

On Feb. 5, MCPWO executed its two most recent bond refinances, a 2011 issue for upgrades to the Clintondale Pump Station in the 11-community MIDD district and a 2006 issue for the North Gratiot Interceptor serving New Haven and Lenox Township. The MIDD re-fi saved \$4.22 million in interest payments for residents of Chesterfield, Clinton, Harrison, Lenox, Macomb, Shelby, and Washington Townships and Fraser, New Haven, Sterling Heights and Utica. The North Gratiot re-fi saved another \$392,000 for its two communities.

Since taking office in 2017, Miller’s team has saved over \$12.1 million by refinancing six bonds for the residents of Macomb County. Further this office has applied and been approved for State Revolving Fund (SRF) financing for future improvements locking in a low 2% interest rate for future capital improvements.

“We continue to methodically review every bond, every contract, every construction project to look not only for ways to save money but to bring added value to our residents,” Miller said.

The savings will be used to finance future maintenance work on the various systems to avoid future repair costs and to help hold the line against potential future rate increases.

In November 2019, MCPWO refinanced two bonds, Lake St. Clair Clean Water Initiative and OMID, saving over \$800,000. The Lake St. Clair Bonds saved St. Clair Shores, Roseville and Eastpointe \$483,000, while the OMID bonds saved \$325,000 for the 11 MIDD and 12 Oakland County communities.

Miller’s chief deputy, Brian Baker, who directed the re-financing, said the office was able to take advantage of historically low interest rates, to exceed initial savings estimates.

Miller noted that the Macomb County Board of Commissioners extended the county’s full faith and credit to back the bonds, helping to secure the low rate

“These actions require a full team effort, including the county’s finance department. This is how government is supposed to work,” she said.

Dan Heaton

**RESOLUTION TO PERFORM MAINTENANCE ACTIVITIES  
MACOMB INTERCEPTOR DRAIN**

At a \_\_\_\_\_ meeting of the Macomb Interceptor Drain Drainage Board, held in Macomb County, State of Michigan on the \_\_\_\_ day of \_\_\_\_\_, 2020, at \_\_\_\_\_ a.m./p.m.

PRESENT: \_\_\_\_\_  
\_\_\_\_\_

ABSENT: \_\_\_\_\_  
\_\_\_\_\_

The following resolution was offered by \_\_\_\_\_ and seconded by \_\_\_\_\_  
\_\_\_\_\_.

**WHEREAS**, MCL 280.478 states that the Drainage Board shall be responsible for the operation and maintenance of the drain under its jurisdiction; and

**WHEREAS**, the Macomb Interceptor Drain Drainage Board recognizes that maintenance of the Macomb Interceptor Drain is necessary for the continuing operation of the Drain.

**NOW, THEREFORE BE IT RESOLVED THAT**, the Macomb Interceptor Drain Drainage Board authorizes the Macomb County Public Works Commissioner to perform non-petitioned maintenance of the Macomb Interceptor Drain as provided in plans provided by the Drainage Board's engineer in the preliminarily estimated amount of \$25,000,000.

**BE IT FURTHER RESOLVED THAT** the Macomb County Public Works Commissioner is authorized to coordinate financing of the maintenance work with the bond counsel and financial advisor selected by the Drainage Board through the Clean Water State Revolving Fund loan program administered by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

- Yeas:
- Nays:
- Abstain:
- Absent:

I, the undersigned do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by the Macomb Interceptor Drain Drainage Board at a regular meeting held on the 10<sup>th</sup> day of February, 2020, and that notice of said meeting was given in accordance with the Open Meetings Act.

\_\_\_\_\_  
Candice S. Miller  
Macomb County Public Works Commissioner  
Chair, Macomb Interceptor Drain Drainage Board

\_\_\_\_\_  
Date





**Candice S. Miller**

Public Works Commissioner  
Macomb County

To: Macomb Interceptor Drain Drainage District Board Members

From: Stephen Downing, Construction & Maintenance Manager

Date: February 5, 2020

Subject: Owner Controlled Insurance Program (OCIP)

The Macomb County Public Works Office (MCPWO) evaluated implementation of an Owner Controlled Insurance Program (OCIP) for several upcoming construction projects in the Macomb Interceptor Drain Drainage District (MIDD) and 8 ½ Mile Relief Drain Drainage District (8 ½ Mile Relief). A conventional insurance program requires each individual contractor to provide insurance coverage based on the minimum coverage requirements established by the Owner. These costs are indirectly passed on to the owner as part of the contractor's bid costs. While this approach requires little effort by the Owner, and in most cases serves the intended purpose, the disadvantages have a potential impact in the event of a claim. An OCIP is a single insurance policy managed by an Owner's agent that covers all contractor's working on the included projects. This option presents an opportunity for cost savings to the Owner, better coverage and more efficient claim resolution.

We evaluated the advantages associated with an OCIP policy which made it clear that this approach better protects the Owner and creates opportunity for cost savings. The scope of services, fees and commission for Meadowbrook Insurance Agency have been attached for reference. We consulted with the County's insurance agent Stephen Saph throughout the evaluation process. While he has not managed an OCIP, Mr. Saph helped explain the benefits of such a program and confirmed the quoted fees are in line with industry standards. Meadowbrook Insurance Agency has successfully provided the same services for the Oakland-Macomb Interceptor Drain Drainage District (OMID). In fact, we are developing a new OCIP for upcoming OMID projects. We have tasked our Meadowbrook team to determine if the OMID projects can be included in this OCIP, this would create more cost savings to each Owner.

This OCIP will include the following projects:

- 1) Romeo Arm Segment 5 Rehabilitation – MIDD
- 2) Chapaton Canal Upgrades – 8 ½ Mile Relief
- 3) 15 Mile Interceptor Segment 6 Rehabilitation – MIDD
- 4) In-System Storage – 8 ½ Mile Relief

The recommendation is that the Macomb Interceptor Drain Drainage District Board authorize the Board Chair to enter an agreement with Meadowbrook Insurance Agency Control to provide the described services for the Owner Controlled Insurance Program.

Attachments: Meadowbrook Insurance Agency Summary of Services

**OFFICE LOCATION:** 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

**MAILING ADDRESS:** P. O. Box 806, Mt. Clemens, Michigan 48046-0806

**ENGINEERING** • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ **SOIL EROSION** • Phone: 586-469-5327 • Fax 586-307-8264

February 5, 2020

**Re: Macomb County Public Works – Meadowbrook OCIP Services Contract Summary**

**Insurance Services Contract: effective January 16, 2020**

**Projects:**

- **Romeo Arm Segment 5 Rehab,**
- **Chapaton Canal Upgrades,**
- **15 Mile Interceptor Segment 6**
- **8.5 Mile Relief Storage**

**SERVICES PROVIDED – Meadowbrook Insurance Agency (MIA)**

**Item No.1:** Subject to all other terms and conditions of this Agreement, MIA shall provide professional assistance to OWNER in the development, implementation and administration of the OCIP. The OCIP shall include the following casualty, property, and other insurance coverages recommended by MIA to OWNER for the Work to be performed on the Site, in accordance with the Construction Contract:

- a. Commercial General Liability;
- b. Builder's Risk;
- c. Umbrella Excess Liability;
- d. Contractors Pollution Liability
- e. Project Professional (OPPI)
- f. Such other insurance coverages as may be requested by OWNER from time to time upon the recommendation of MIA.

In furtherance thereof, MIA shall provide the following services:

- 1.1. Develop an OCIP marketing package to be submitted to prospective underwriters for review and approval of the OWNER, and upon receipt of approval market such OCIP;
- 1.2. Negotiate, upon approval of OWNER, the terms and conditions of the insurance coverages for the OCIP and take such steps as deemed appropriate by MIA to implement the OCIP coverages; including advice as to inclusion of insurance requirements in the Contract Documents;
- 1.3. Place all insurance for the PROJECTS and OWNER for the full duration of the PROJECTS as "Agent of Record" for the insurance coverages of Owner. MIA will bill for the applicable insurance company(s) with whom insurance is placed under this Agreement for the full amount of premium.
- 1.4. Conduct OCIP orientation sessions, as directed by OWNER, for Contractors, Subcontractors, Engineers, and such other persons as OWNER may direct.



- 1.5. OCIP administration, including a list of the Engineer(s), Contractor(s) and Subcontractors enrolled in the OCIP, a summary of any significant issues MIA has encountered in the administration of the OCIP and any recommendations MIA deems appropriate for the operation of the OCIP;
- 1.6. Administer the OCIP, which shall include:
- a. Enrollment of the Contractor(s) into OCIP program;
  - b. Notification to the insurer(s) with regard to enrollments, terminations, and contract completion;
  - c. Processing and distributing all OCIP policies and endorsements during the term hereof;
  - d. Reviewing insurance certificates furnished by Engineer(s), Contractor(s) and Subcontractors to verify compliance with the insurance requirements contained in the Contract Documents;
  - e. Assisting Contractor(s) in determining which Subcontractors qualify for enrollment under the OCIP;
  - f. Reviewing OCIP insurers' audits;
  - g. Serving as liaison between OWNER and the OCIP insurers with respect to claims filed under the OCIP. MIA shall advise as to need and method for providing notice of claims and consult with OWNER as to all actions necessary to protect OWNER's rights as an insured.

**Item No.2: ADDITIONAL SPECIAL SERVICES**

MIA shall provide Additional Special Services on an as needed basis upon specific prior written request of OWNER. No payment, of any nature whatsoever, will be made to MIA for additional work or services without such prior written approval by OWNER. Authorization for such work or services, in accordance with this provision of this Agreement, shall be in the form of a Work Order, issued by OWNER, stating the scope of the additional work, and the basis for payment. Those services are as follows:

1. Assistance to OWNER for preparation or appearance as an expert witness in litigation arising from the development or construction of the PROJECTS unless such services are required due to MIA's negligent acts, errors or omissions.
2. Preparation of applications and supporting documents for insurance submission.
3. Any other services resulting from significant changes in the scope, extent or character of the portions of the PROJECTS specified by MIA or its requirements when such changes are issued as a result of some action or inaction on the part of OWNER,

including, but not limited to, changes in size, complexity, OWNER's schedule, character of construction or method of financing; and revising previously accepted studies, reports, Drawings, Specifications or Contract Documents when such revisions are required by changes in laws, rules, regulations, ordinances, codes or orders enacted subsequent to the preparation of such studies, reports, drawings, specifications, or Contract Documents, or are due to other causes beyond MIA's control.

Notwithstanding anything to the contrary expressed elsewhere in the Agreement, no additional or other consulting services made necessary by any fault or omission of MIA to properly perform its professional agency services in conformance with the standard of practice of the profession as contracted for with OWNER, shall be compensated as an Additional Special Service under this Agreement. In the event that MIA's negligent acts, errors or omissions are determined by the final and unappealable ruling of a tribunal having jurisdiction of the claims not to be the sole cause for such additional or other consulting services, MIA shall receive compensation only for those services which are not attributable to its negligent acts, errors or omissions. Additional Special Services covered under this contract will be compensated on an hourly rate of \$125 per hour.

### **COMPENSATION FOR CONSULTING SERVICES AND TERM OF PROJECTS**

#### 1. Compensation

For the performance of the services to be provided hereunder, OWNER agrees to pay MIA the following fees:

Marketing and Setup Fee – to be billed at execution of the contract for the 3 months prior to start of construction	\$ 27,500
---	-----------

Fee Installments (paid in advance at project start) Annually	\$110,000
---	-----------

First Fee installment at inception of construction and billed every 12 months through full duration of the project which is expected to be complete in 3 years and to continue through project OCIP closeout. Any partial years' fee will be estimated pro-rata and paid in advance.

Core OCIP insurance policy and excess liability will be placed net of commissions (no commissions shall be charged by MIA) and ordinary commissions will be included in premiums paid for builders' risk, pollution liability, OPPI and other policies, which may be required to be placed and maintained for the project.

Consultative legal services for disputed claims with insurance companies, other legal requirements, associated claims expenses and other expenses that may not be payable through such insurance companies will be paid by the OWNER.

#### 2. This Agreement will be for the full term of the PROJECTS.



Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Macomb Interceptor Drain	Chapter 20 Chesterfield - 7.1724% Clinton - 21.1566% Fraser - 4.0713% Harrison - 6.2117% Lenox - 9.496% Macomb - 14.1023% New Haven - 81.84% Shelby - 9.9387% Sterling Heights - 31.1032% Utica - 1.6497% Washington - 2.8262%	Astorino	ADS Environmental Services	\$ 3,700.00	Invoice #35345-1219 - 12.31.19	Turnkey Services and Installation - 4 Meters	\$ 10,400.00
			CH2M Hill Engineers, Inc.	\$ 17,396.50	Invoice #70997CH015 - 1.10.20	Odor & Corrosion Study	\$ 64,148.65
			City of Mt. Clemens	\$ 15,140.43	Invoice #28001227 - 1.8.20	Sewer Bill - December 2019	
			Doetsch	\$ 232,169.00	Invoice #71073 - 12.23.19	Emergency Grouting	
			Fishbeck, Thompson, Carr & Huber, Inc.	\$ 1,906.60	Invoice #388552 - 1.7.20	GLWA Assistance through 12.27.19	
			Fishbeck, Thompson, Carr & Huber, Inc.	\$ 1,045.00	Invoice #388583 - 1.7.20	As-Needed Engineering	\$ 91,075.80
			FK Engineering Associates	\$ 85,785.68	Invoice #19-134-002 - 12.6.19	Segment 5 Engineering Design	\$ 516,513.03
			FK Engineering Associates	\$ 21,599.25	Invoice #17-134-019 - 12.5.19	As-Needed Geotechnical Services - Grouting	\$ 71,726.86
			FTCH	\$ 3,061.50	Invoice #388616 - 1.2.20	WWMP through 12.27.19	\$ 553,984.45
			HESCO	\$ 1,287.50	Invoice #10632 - 1.2.20	CT-S-7 Meter Maintenance	\$ 3,511.88
			Hubbel, Roth & Clark, Inc.	\$ 3,220.13	Invoice #175538 - 12.17.19	RFP Assistance Segment 6	\$ 55,753.42
			KHVPF, PLC	\$ 15,097.50	Invoice #43704 - 1.8.20	Legal Services	
			METCO Consulting Services	\$ 9,598.88	Invoice #1717-11 - 1.2.20	Flow Control Services	
			Motor City Electric Technologies	\$ 1,645.14	Invoice #92894 - 1.7.20	As-Needed SCADA Services	\$ 39,718.36
			Motor City Electric Technologies	\$ 797.50	Invoice #92899 - 1.7.20	As-Needed SCADA Services	\$ 38,761.36
			Motor City Electric Technologies	\$ 957.00	Invoice #92900 - 1.7.20	As-Needed SCADA Services	\$ 186,312.15
			NTH Consultants, Ltd.	\$ 3,424.18	Invoice #621139 - 1.9.20	Meter & Drop Shaft Rehab	
			Verizon Wireless	\$ 566.10	Invoice #9844890140 - 12.23.19	Monthly Services - 11.24.19 - 12.23.19	
			Verizon Wireless	\$ 1,206.19	Invoice #9844890140 - 12.23.19	Monthly Services - 11.24.19 - 12.23.19	
			Wade Trim	\$ 2,152.50	Invoice #2016826 - 1.2.20	As-Needed Services - NGI	\$ 82,458.34
Biofilter Clintondale P.S.		Astorino	De-Cal, Inc.	\$ 729.89	Invoice #WO900190854 - 1.2.20	Winter PM	
			Clinton Township Treasurer	\$ 2,307.39	Invoice #20-015 - 12.31.19	Water and Sewer - 11.26.19 - 12.23.19	
			De-Cal, Inc.	\$ 2,388.66	Invoice #WO900190914 - 1.2.20	Winter Start Up - Heating	
			DTE Energy	\$ 22,742.19	Invoice #20-023 - 1.2.20	Monthly Electric - 12.3.19 - 1.2.20	
			De-Cal, Inc.	\$ 565.94	Invoice #WO9192360 - 1.7.20	Heater Repair	
			KHVPF, PLC	\$ 2,328.50	Invoice #43705 - 1.8.20	Sterling Heights vs. MIDD	
			KHVPF, PLC	\$ 18,607.90	Invoice #43707 - 1.8.20	Water Hammer Lawsuits	
			NI Discovery, LLC	\$ 4,425.00	Invoice #N1D4628 - 12.31.19	Data Hosting	
			NI Discovery, LLC	\$ 7,975.00	Invoice #N1D4648 - 12.31.19	Data Processing	
			TBM Property Management LLC	\$ 750.00	Invoice #410 - 11.1.19	Pipe Storage Rent July - September 2019	
15 Mile Sinkhole		Downing					

MACOMB INTERCEPTOR DRAIN 1/14/20 - 1/28/20

<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>
Meters		Astorino	HESCO	\$ 15,580.00	Invoice #161024-38 - 1.2.20	Meter Maintenance - Final	\$ 42,370.00
OMID		Downing	Oakland County	\$ 4,585,548.67	Invoice #SDS0006891 - December	Sewer Disposal	
SCADA		Astorino	Tetra Tech, Inc.	\$ 16,992.50	Invoice #51539642 - 1.8.20	SCADA Standards Development &	\$ 8,379.36
SEMSD		Astorino	FTCH	\$ 787.25	Invoice #387879 - 12.9.19	SEMSD WWMP through 11.29.19	\$ 140,639.75
		Astorino	FTCH	\$ 16,310.75	Invoice #388608 - 1.7.20	SEMSD WWMP through 12.27.19	\$ 124,329.00
<b>Total</b>				\$ 5,119,796.22			



Budget to Actual  
MIDDD  
As of Jan 31, 2020 = 58%

DESCRIPTION	2020 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
GLWA-OMID	46,904,696		27,389,831	19,514,865	58.4%
OMID O&M	8,121,888		4,737,775	3,384,113	58.3%
Settlement	-		522,116	(522,116)	100.0%
Reimbursements	200,000		256,308	(56,308)	128.2%
PY Revenue-Fund Balance	9,610,000			9,610,000	0.0%
Washington Twp Meter Project	250,000			250,000	0.0%
Reimb-Local Communities	10,927,799		6,374,543	4,553,256	58.3%
Interest	300,000		200,026	99,974	66.7%
<i>Total Revenue Accounts</i>	76,314,383	-	39,480,598	36,833,785	51.7%
<b>EXPENSE ACCOUNTS</b>					
GLWA-OMID	46,904,696		27,389,831	19,514,865	58.4%
OMID O&M	8,121,888		4,737,775	3,384,113	58.3%
Public Works Wastewater Disposal Division	1,721,123		375,998	1,345,125	21.8%
Office Operations/Insurance	322,800		88,024	234,776	27.3%
SCADA	196,634		135,031	61,603	68.7%
<b>Engineering</b>					
GLWA Assistance	20,000		16,440	3,560	82.2%
Washington Township meter	500,000			500,000	0.0%
Data Review-Aquasight	240,000		200,000	40,000	83.3%
Contribution to Segment 5 Construction/Repairs	3,850,000			3,850,000	0.0%
15 Mile Interceptor Design East of Garfield (Seg 6)	1,000,000		3,220	996,780	0.3%
Seg 5 Engineering Design	1,000,000		113,354	886,646	11.3%
Drop Shaft Repairs(MA-S-2),CT-S-2, HR-S-2, ST-S-5,UT-S-1)	5,750,000		25,300	5,724,700	0.4%
System wide odor and corrosion study	350,000		173,230	176,770	49.5%
SY-S-1 & SY-S-2 Meter Rehab	1,200,000		33,035	1,166,966	2.8%
Meter Dye Dilution Testing/As needed	100,000			100,000	0.0%
Saw Grant	-		25,561	(25,561)	100.0%
McMARS Operations	50,000		5,760	44,240	11.5%
Aquasight Operations	50,000		50,000	-	100.0%
As Needed FTCH	50,000		6,643	43,357	13.3%
As Needed CH2M	70,000		20,394	49,606	29.1%
As needed FK Engineering	55,000		181,010	(126,010)	329.1%
As Needed Wade Trim	45,000		14,514	30,486	32.3%
As Needed Metco	70,000		94,247	(24,247)	134.6%
As Needed Applied Science	70,000			70,000	0.0%
Emergency Grouting	-		1,261,267	(1,261,267)	100.0%
Wastewater Master Plan/Contract Capacity	500,000		126,294	373,706	25.3%
<b>Legal Services</b>	500,000		337,302	162,698	67.5%
Clintondale PS O&M	345,000		229,993	115,007	66.7%
NGI O&M	330,000		46,459	283,541	14.1%
Meters O&M	415,000		189,714	225,286	45.7%
CS-3 O&M	226,000		280	225,720	0.1%
Biofilter O&M	277,500		116,056	161,444	41.8%
Contribution Life Cycle Reserve	171,700			171,700	0.0%
Interceptor O&M	1,000,000			1,000,000	0.0%
Stormwater Pump Stations	65,800		38,383	27,417	58.3%
Sewage Disposal Charges - Mt. Clemens	200,000		84,866	115,134	42.4%
Debt Service - Revenue Bonds	546,242		318,641	227,601	58.3%
<i>Total Expense Accounts</i>	76,314,383	-	36,438,621	39,875,762	47.7%

	O&M Balance 6/30/2019	O&M	Total 1/31/2020
Cash - Operating	25,896,373	3,041,977	28,938,350
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		39,480,598	39,480,598
Expenditures		36,438,621	36,438,621
			0
Equity*	25,896,373		28,938,350

**Detail of 2019 Equity\***

Projected reserve at 6/30/2019(No Land Sale)	12,180,673
Projected Engineering Reserve	9,610,000
Projected Sinkhole Surplus	3,400,000
Life Cycle Reserve	705,700