

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

March 20, 2024 – 11:30 a.m.

Office of the Oakland County Water Resources Commissioner
One Public Works, Building 95 West
Waterford, Michigan, and Microsoft Teams

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development
Candice Miller, Macomb County Public Works Commissioner
Jim Nash, Oakland County Water Resources Commissioner

2. Motion to approve the meeting agenda for March 20, 2024
3. Motion to approve the Drainage District Board Meeting Minutes from February 21, 2024
4. Public Comment
5. Apportionment Hearing for the Odor and Corrosion Control Project
6. MCFI Engagement Letter for Bond Series 2023
7. Motion to approve the following Engineering Work Order:
 - a) NTH for NI-EA Contract 1: PCI-4 Rehabilitation Project for Additional Construction Contract Administration Services Due to Further Project Delay for a not-to-exceed amount of \$179,973
8. Motion to approve the following Change Order:
 - a) Change Order No. 1 for Z Contractors for NIEA OMID Contract 2A for Lining of the PCI-4 Interceptor and Access Structure Construction for a net increase of \$37,930.25
9. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 41 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$190,912.91
 - b) Construction Estimate No. 36 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$141,360.
 - c) Construction Estimate No. 7 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$ 1,402,882.27 with a transfer to the Oakland County Treasurer in the amount of \$155,875.80
10. Status of OMID Repairs Project

11. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing

12. Motion to approve the following invoices:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	6,230.24
• Segment 5 NESPS Mech./Elect. Construction		\$	6,332.41
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	148.51
• Segment 5 NESPS Mech./Elect. Construction		\$	188.98
a) Clark Hill			
Invoice No. 1402227	NESPS	\$	4,513.50
b) CSM			
1) Invoice No. 2831	O&M	\$	2,795.10
2) Invoice No. 2856	O&M	\$	916.11
3) Invoice No. 2932	O&M	\$	1,122.00
c) D'Angelo			
Invoice No. 8593	O&M	\$	651.00
d) Kennedy			
Invoice No. 638426	O&M	\$	448.50
e) Lardner			
1) Invoice No. 199973	O&M	\$	772.00
2) Invoice No. 200132	O&M	\$	204.00
3) Invoice No. 200464	O&M	\$	204.00
f) Metco			
Invoice No. 1811-62	O&M	\$	135,362.90
g) NTH Consultants, Ltd			
1) OMID NI-EA Contract No. 1 PCI-4 Rehab			
Invoice No. 635293	NI-EA	\$	123,953.67
2) Engineering/Consulting Services NESPS Pumping and Electrical			
Invoice No. 635285	NESPS	\$	1,461.17
3) OMID Rehab. 2021 Closeout Services			
Invoice No. 635287	O&M	\$	1,058.00
4) Engineering/Consulting Services PCI-18 and PCI-19 Rehabilitation			
Invoice No. 635284	NI-EA	\$	80,920.87
h) PM Technologies			
1) Invoice No. 86001889	O&M	\$	350.00
2) Invoice No. 86005395	O&M	\$	350.00

13. Macomb Letter to OMID Board Regarding Flow Diversion

14. Other Business

15. Adjourn

Next Regular Meeting: April 17, 2024, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from February 21, 2024

**MINUTES OF THE REGULAR MEETING OF THE DRAINAGE BOARD
FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**

February 21, 2024

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan on the 21st day of February 2024 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

Michael Gregg, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development; Brian Baker for Candice Miller, Member and Macomb County Public Works Commissioner; and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Brian Coburn, Jen Cook, and Stephanie Lajdziak. Others in attendance: Terry Moore, Metco; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Saju Sachidanandan, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; Richard Trembath, Meadowbrook Insurance; Dave Pauline, Walsh Construction; John Michalski, ASI; Joe Colaianne, Clark Hill.

1. Call meeting to order.
Chairperson Gregg called the meeting to order at 11:31 a.m.
2. Agenda.
Motion by Baker, supported by Nash, to approve the February 21, 2024, agenda as presented.

ADOPTED: Yeas - 3
 Nays - 0
3. Minutes.
Motion by Baker, supported by Nash, to approve the minutes of the January 17, 2024, meeting.

ADOPTED: Yeas - 3
 Nays - 0
4. Public Comment.
None.
5. Proposed Odor and Corrosion Control Project
A memorandum from Jen Cook detailing the Odor and Corrosion Control Project was presented. It was advised that pursuant to the 2009 petitions, the Drainage District is authorized to establish improvements and projects that are determined necessary to the public health. It was noted that the cost of this project is estimated not-to-exceed \$14,000,000 with

the tentative apportionment of costs set at 33.10% to Oakland County and 66.90% to Macomb County. Upon adopting the proposed resolution, Joe Colaianne advised the Board that he expects a bond issuance in July 2024.

**MICHIGAN DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT**

In the Matter of:

Oakland-Macomb Interceptor Drain,

**RESOLUTION TO RECEIVE PROJECT PLANS AND SPECIFICATIONS FOR ODOR
AND CORROSION CONTROL PROJECT; APPROVE PROJECT; APPROVE THE
ESTIMATED PROJECT COSTS; APPROVE TENTATIVE APPORTIONMENTS; AND
SCHEDULE DATE FOR HEARING OBJECTIONS TO TENTATIVE APPORTIONMENTS**

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held on the 21st day of February 2024, at 11:30, am., prevailing time, at the Offices of the Oakland County Water Resources Commissioner, 1 Public Works Drive, Waterford, Michigan there were:

PRESENT: Michael Gregg, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

ABSENT: Candice Miller, Member and Macomb County Public Works Commissioner

OTHERS PRESENT: Representing the office of the Macomb County Public Works Commissioner: Brian Baker, Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Brian Coburn, Jen Cook, and Stephanie Lajdziak. Others in attendance: Terry Moore, Metco; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Saju Sachidanandan, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; Richard Trembath, Meadowbrook Insurance; Dave Pauline, Walsh Construction; John Michalski, ASI; Joe Colaianne, Clark Hill

Motion by Drainage Board Member Nash, and supported by Drainage Board Member Baker, to approve the following Resolution:

WHEREAS, IN 2009, pursuant to the petitions from the Charter Township of Clinton (Macomb County) and Charter Township of Independence (Oakland County) the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District (the “Drainage District”) was authorized and legal proceedings were held to locate, establish, construct, operate, maintain, extend and other improve (“Improvements”) the Oakland-Macomb Interceptor Drain (“Drain”), and for the financing

and construction of the Improvements, said projects having been determined to be necessary for the public health. At this time, we are recommending a new project to address excessive odor and corrosion of the Drain; and

WHEREAS, the Drain (OMID interceptor wastewater collection system) was originally constructed in the 1970s and is approaching 50 years in age; and

WHEREAS, the system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S) which has been the source of excessive odor complaints; and

WHEREAS, H₂S poses a threat to unlined components as well as a continual excessive odor issues in certain locations must be addressed; and

WHEREAS, the proposed OMID Odor and Corrosion Control Project (“Project”) will include new odor and control systems at two sites in Sterling Heights, Macomb County, Michigan to reduce excessive odors escaping the system; and

WHEREAS, the scope of Project includes the following:

1. Meter ST-S-1 Site (Utica and Dodge Park):
 - a. Demolition of existing odor control unit and associated ductwork at Meter ST-S-1 at Utica Road/Dodge Park Road.
 - b. Demolition of irrigation system, guardrail, concrete sidewalk, and other site features as needed to facilitate the work.
 - c. Installation of an activated carbon vessel, exhaust fan with variable frequency drive (VFD) and ancillary facilities.
 - d. Installation of 480V 3-phase power and ancillary wiring and panels.
 - e. Modifications to the irrigation system.
 - f. Restoration of landscaping and other site features impacted by the work.
 - g. Installation of emergency pressure relief vent.
 - h. Make other improvements to on-site structures as needed to facilitate the Project.
2. Meter ST-S-3 Site (Sorrento and Dodge Park):
 - a. Demolition of above-grade facilities associated with the Meter ST-S-3 vault at Dodge Park Road/Sorrento Boulevard.
 - b. Demolition of existing site fencing and other site features as needed to facilitate the work.
 - c. Demolition of partial underground sheeting.
 - d. Installation of an activated carbon facility, exhaust fan with variable frequency drive (VFD), and other appurtenance facilities.
 - e. Installation of 480V 3-phase power and ancillary wiring and panels.
 - f. Construct a replica house structure with a basement foundation to contain the new equipment.
 - g. Make other improvements to on-site structures as needed to facilitate the Project.
3. Other sites:
 - a. Installation of emergency pressure relief vents at control structures CS-5, CS-9, PCI—7-107 and PCI-7-109 in the ITC corridor and Sterling Heights;

And,

WHEREAS, the estimated cost of the Project is not to exceed **\$14,000,000**; and,

WHEREAS, prior to undertaking the Project, the Drainage Board will need to approve the Project and apportion the costs in accordance with Chapter 21 of Michigan Drain Code of 1956, as amended; and

WHEREAS, it is recommended no changes be made to the final apportionments approved and adopted in 2019; and

WHEREAS, the performance of the Project is immediately necessary to protect and preserve the public health; and

NOW, THEREFORE, BE IT RESOLVED BY THE DRAINAGE BOARD OF THE OAKLAND-MACOMB INTERCEPTOR DRAIN as follows:

- (1) Approves the project plans and specifications for the Odor and Corrosion Control System Project as presented.
- (2) Approves estimated Project cost not to exceed \$14,000,000.
- (3) Approves the tentative apportionment of cost for the project to be borne by the public corporations in Macomb County at 66.9% and Oakland County 33.1%.
- (4) Approves the Tentative Apportionments (“Tentative Apportionments”) to the Public Corporations by Macomb County Public Works Commissioner for the Public Corporations in Macomb County; and Oakland County Water Resources Commissioner for the Public Corporations in Oakland County – as follows:

<u>County of Oakland</u> <u>PUBLIC CORPORATIONS</u>	<u>33.1000%</u> <u>Percentage</u> <u>of Project</u>	<u>Max Amount</u> <u>Assessed</u> <u>for Project</u>
City of Auburn Hills	4.9705%	\$695,870
Independence Township (incl. Village of Clarkston)	2.4213%	338,982
City of Lake Angelus	0.0185%	2,590
Village of Lake Orion	0.3409%	47,726
Oakland Township	1.0393%	145,502
Orion Township	3.1494%	440,916
Oxford Township	1.2468%	174,552
Village of Oxford	0.5928%	82,992
City of Rochester	1.9526%	273,364
City of Rochester Hills	8.1106%	1,135,484
Waterford Township	7.6159%	1,066,226
West Bloomfield Township	1.6414%	229,796
County of Oakland Total	33.1000%	\$4,634,000
	66.9000%	Max Amount

County of Macomb
PUBLIC CORPORATIONS

	<u>Percentage of Project</u>	<u>Assessed for Project</u>
Chesterfield Township	4.9783%	\$696,962
Clinton Township	13.9899%	1,958,586
City of Fraser	2.8103%	393,442
Harrison Township	4.1896%	586,544
Lenox Township	0.7827%	109,578
Macomb Township	9.4656%	1,325,184
Village of New Haven	0.5614%	78,596
Shelby Township	6.5484%	916,776
City of Sterling Heights	20.6591%	2,892,274
City of Utica	1.0966%	153,524
Washington Township	1.8181%	254,534
County of Macomb Total	<u>66.9000%</u>	<u>\$9,366,000</u>

Combined Total: 100.0000% \$14,000,000¹

BE IT FURTHER RESOLVED that a hearing to receive objections to the Tentative Apportionments shall be held on March 20, 2024 at 11:30 a.m., or sometime thereafter at the Office of the Oakland County Water Resources Commissioner, One Public Drive, Building 95 West, Waterford, Michigan 48328;

BE IT FURTHER RESOLVED that a Notice of Hearing shall be published in the Oakland Press and Macomb Daily, newspaper of general circulation within both counties and by registered mail to the clerk or secretary to each public corporation to be assessed, which Notice shall be substantially in the form on the attached **Exhibit A**, with such changes as may be approved by the Secretary for the Board, in accordance with Section 521 of Chapter 21 of the Michigan Drain Code of 1956, as amended.

A roll-call vote on the foregoing resolution was taken and was as follows:

YES: 3

NO: 0

ABSTAIN: 0

The resolution was declared adopted.

¹ It is estimated that the Project will not exceed \$14,000,000. This number is conservative and will be adjusted based on the final and accepted construction bid received by the Drainage District.

Exhibit A – NOTICE OF HEARING

NOTICE OF PUBLIC HEARING ON THE TENTATIVE APPORTIONMENTS FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN

NOTICE is hereby given that the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District (“OMIDD”) will meet to hold a public hearing on **March 20, 2024 at 11:30 a.m., or sometime thereafter at the Office of the Oakland County Water Resources Commissioner, One Public Drive, Building 95 West, Waterford, Michigan 48328**, for the purpose of hearing objections to the tentative apportionments for the Oakland-Macomb Interceptor Drain for the Project described in the petitions which were filed on June 18, 2009 by the Charter Township of Clinton (Macomb County), and on June 22, 2009 by the Charter Township of Independence (Oakland County) requesting the construction, maintenance, repairs and improvement of the Oakland-Macomb Interceptor Drain (“OMID Drain”) pursuant to Section 535 of the Michigan Drain Code of 1956 (“Drain Code”), as amended, MCL 280.535.

The project involves the construction, maintenance, repairs and improvement to the intercounty drain known as OMID Drain or any portion thereof, which is necessary for the public health. The OMID Drain, sewer interceptor wastewater collection system that was originally constructed in the 1970s. The system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S). The H₂S emitted from the system has also been the source of excessive odor complaints and poses a threat to unlined sewer components as well as a continual odor issue in certain locations. The project includes designing and constructing new odor and corrosion control systems to reduce excessive odor complaints throughout the system (the “Project”).

At the conclusion of the public hearing, the Drainage Board will consider the comments made by the public and or public corporations at the hearing and make a determination as to whether it will confirm the apportionments as tentatively made and issue its Final Order of Apportionment or will adjust the apportionments in accordance with Section 521 of the Drain Code, MCL 280.521.

Pursuant to Section 536 of the Drain Code, MCL 280.536, should the Drainage Board issue its Final Order of Apportionment following the hearing specified herein, the Order shall not be subject to attack in any court, except by proceedings in certiorari brought within 20 days after the filing of such Final Order of Apportionment in the office of the chairperson of the Drainage Board. If no such proceeding shall be brought with the time above prescribed, the drain shall be deemed to have been legally established and the legality of the drain and the assessments therefor shall not thereafter be questioned in any suit at law or in equity.

The public corporations to be assessed for the cost of the Drain, and their tentative apportionments, are as follows:

OAKLAND - MACOMB INTERCEPTOR DRAIN TENTATIVE APPORTIONMENT

OVERALL COUNTY APPORTIONMENT

MACOMB

66.9%

OAKLAND	33.1%
	100.00%

**MACOMB COUNTY COMMUNITIES -
APPORTIONMENT**

Chesterfield Township	4.9783%
Clinton Township	13.9899%
City of Fraser	2.8103%
Harrison Township	4.1896%
Lenox Township	0.7827%
Macomb Township	9.4656%
Village of New Haven	0.5614%
Shelby Township	6.5484%
City of Sterling Heights	20.6591%
City of Utica	1.0966%
Washington Township	1.8181%
	66.9000%

**OAKLAND COUNTY COMMUNITIES -
APPORTIONMENT**

City of Auburn Hills	4.9705%
Independence Township (includes Village of Clarkston)	2.4213%
City of Lake Angelus	0.0185%
Village of Lake Orion	0.3409%
Oakland Township	1.0393%
Orion Township	3.1494%
Oxford Township	1.2468%
Village of Oxford	0.5928%
City of Rochester	1.9526%
City of Rochester Hills	8.1106%
Waterford Township	7.6159%
West Bloomfield Township	1.6414%
	33.1000%

Copies of the Petition(s) are available for public inspection at the Oakland County Water Resources Commissioner's Office, Public Works Building 95 West, One Public Works Drive, Waterford, Michigan, and at the Macomb County Public Works Commissioner's Office, 21777 Dunham Road, Clinton Township, Michigan.

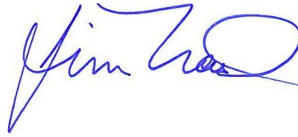
Dated: February 21, 2024

/s/ Jim Nash
Secretary, Oakland – Macomb Interceptor Drain
Drainage Board

CERTIFICATION OF PROCEEDINGS

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a meeting of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District held in Waterford, Township, Michigan on February 21, 2024; that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, as the same may be or has been expanded, extended, supplemented or replaced from time to time and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

DATED: February 21, 2024



Jim Nash, Secretary of the Drainage Board

6. ACE America Insurance Company/CHUBB Partial Proof of Loss

Joel Brown presented the Board with the Sworn Statement in Partial Proof of Loss to the Drainage District pertaining to the arc flash incident that occurred on August 23, 2022 resulting in equipment loss and pump station operations. It was noted that additional payments regarding this incident are expected in the future and staff are optimistic on recovering additional costs. Due to this, it was recommended that the Board authorize staff to proceed with future action regarding the claim.

It was moved by Nash, supported by Baker, to approve the Chairperson to sign the Sworn Statement in Partial Proof of Loss as presented and authorize staff to engage with CHUBB to pursue recovery of additional losses associated with this claim.

ADOPTED: Yeas - 3
Nays - 0

7. Change Order

The following Change Order was submitted to the Board for approval:

- a) Change Order No. 40 for Walsh Construction for NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$165,268.41. Motion by Baker, supported by Nash, to approve the Change Order contingent on amended language.

ADOPTED: Yeas - 3
Nays - 0

8. Construction Pay Estimates.

The following Construction Pay Estimates were submitted to the Board for approval:

- a) Construction Estimate No. 40 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,022,277.57 with a transfer to the Oakland County Treasurer in the amount of \$8,263.40. Motion by Nash, supported by Baker, to approve the Construction Pay Estimate contingent on the accepted language approved in Change Order No. 40.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 35 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$322,605. Motion by Baker, supported by Nash, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Construction Estimate No. 6 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$74,379.98 with a transfer to the Oakland County Treasurer in the amount of \$8,264.45. Motion by Nash, supported by Baker, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

9. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS and NI-EA.
Fritz Klingler of FK Engineering presented the Project Progress Update and presentation (attached) to the Board and summarized the status of various projects.

Motion by Baker, supported by Vaara, to receive and file the report, summary, and presentation.

ADOPTED: Yeas - 3
Nays - 0

10. Financial Reports.

Shawn Phelps presented the financial reports for Segments 1 through 5 and the NESPS. Motion by Vaara, supported by Baker, to receive and file the financial reports.

ADOPTED: Yeas - 3
Nays - 0

11. Invoices.

The following invoices were submitted to the Board for approval:

- | | |
|---|--------------|
| 1) Labor/Fringes/Non-Direct Labor Factor | |
| • Segment 5 NI-EA Construction | \$ 8,100.04 |
| • Segment 5 NESPS Mech./Elect. Construction | \$ 10,555.35 |
| 2) Equipment Charges | |
| • Segment 5 NI-EA Construction | \$ 183.40 |

	• Segment 5 NESPS Mech./Elect. Construction		\$	323.90
3)	Reimbursement			
	• Macomb Invoice No. AR24000090	O&M	\$	1,200.10
a)	CSM			
	Invoice No. 2799	O&M	\$	847.00
b)	Hesco			
	1) Invoice No. 231727	O&M	\$	12,005.75
	2) Invoice No. 242111	O&M	\$	4,995.00
c)	Jacobs			
	Invoice No. C6A19900-13	O&M	\$	91,673.96
d)	Lardner			
	1) Invoice No. 199483	O&M	\$	204.00
	2) Invoice No. 199763	O&M	\$	204.00
e)	Meadowbrook Insurance			
	Invoice No. 12926	NESPS	\$	55,050.00
f)	Metco			
	Invoice No. 1811-61	O&M	\$	108,360.45
g)	Motor City			
	1) Invoice No. 95500	O&M	\$	5,418.23
	2) Invoice No. 95556	O&M	\$	450.00
h)	NTH Consultants, Ltd			
	1) Engineering/Consulting Services PCI-18 and PCI-19 Rehabilitation			
	Invoice No. 635071	NI-EA	\$	103,792.28
	2) Engineering/Consulting Services NESPS Pumping and Electrical			
	Invoice No. 635072	NESPS	\$	519.00
	3) OMID Rehab. 2021 Closeout Services			
	Invoice No. 635073	O&M	\$	1,108.18
i)	PM Technologies			
	1) Invoice No. 82027275	O&M	\$	1,691.64
	2) Invoice No. 85998901	O&M	\$	350.00
	3) Invoice No. 86004035	O&M	\$	350.00
	4) Invoice No. 86006008	O&M	\$	350.00
	5) Invoice No. 86652767	O&M	\$	1,547.76
j)	PMA Technologies			
	1) Invoice No. 03559.01-43	NI-EA	\$	14,467.73
	2) Invoice No. 03559.01-44	NI-EA	\$	20,495.95

Motion by Baker, supported by Vaara, to approve the invoices as presented.

ADOPTED: Yeas - 3
Nays - 0

12. Other Business.

Joel Brown provided the Board with an update on a meeting with Detroit City Council regarding neighbor complaints of lane closures at 7 Mile/Outer Drive that are due to the NI-EA project in the surrounding area. Mr. Brown stated it was a productive meeting and advised the update provided by staff was received well by the city council. It was noted that

any future projects will have the proper community outreach, which will include door hangers to neighboring residents.

13. Adjourn.

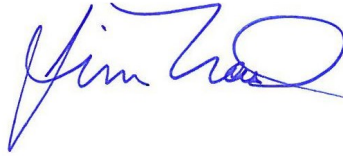
Motion by Vaara, supported by Baker, to adjourn the February 21, 2024, meeting at 11:36 p.m.

ADOPTED:	Yeas	-	3
	Nays	-	0

Next Regular Meeting: *Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan* and electronically at 11:30 a.m., Eastern Standard Time on March 20, 2024.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District, at a meeting held on February 21, 2024, and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 21st day of February 2024



Jim Nash, Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Odor and Corrosion Control Project Apportionment Hearing

WHEREAS, pursuant to a petition which was filed with the Director of the Michigan Department of Agriculture on June 18, 2009 by the Charter Township of Clinton of Macomb County, through the Macomb County Public Works Commissioner, and on June 22, 2009 by the Charter Township of Independence of Oakland County, through the Oakland County Water Resources Commissioner, proceedings have been carried out by the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District (the "Drainage District") authorizing the establishment, construction, operation, maintenance, extending and improving the Oakland-Macomb Interceptor Drain ("OMID Drain") and for the financing projects, said projects having been determined to be necessary for the public health; and

WHEREAS, the OMID Drain, is an interceptor wastewater collection system that was originally constructed in the 1970s and is approaching 50 years in age; and

WHEREAS, the system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S) which has been the source of excessive odor complaints; and

WHEREAS, H₂S poses a threat to unlined components as well as continual excessive odor issues in certain locations that must be addressed; and

WHEREAS, on February 21, 2024, the Drainage Board for the Drainage District approved the OMID Odor and Corrosion Control Project ("Project") as described in **Attachment I**, that includes new odor and corrosion control systems to reduce excessive odors escaping the system; and

WHEREAS, the estimated cost of the Project is \$14,000,000 which will be apportioned and assessed against certain public corporations within Macomb and Oakland counties by the Drainage Board; and

WHEREAS, pursuant to the authorization provided in Chapter 21 of Act 40, Public Acts of Michigan, 1956, as amended (the "Drain Code"), the Drainage Board for the Drainage District proposes that the Drainage District issue its Drain Bonds, Series 2024 (the "Drain Bonds") in the aggregate principal amount not to exceed \$14,000,000 to finance all or part of the cost of the design and construction of improvements relating to the Project, and the costs of issuance of such bonds; and,

WHEREAS, such bonds will be payable in part from the collection of special assessments against public corporations located in Macomb and Oakland Counties in the Drainage District, said special assessments to be duly confirmed as provided in the Drain Code; and

WHEREAS, the Drainage Board has, or will adopt a Final Order of Apportionment on March 20, 2024, and 33.10% of the Project cost will be assessed to the public corporations served by the OMID Drain within Oakland County and 66.90% of the Project cost will be assessed to the public corporations served by the OMID Drain within Macomb County; and

WHEREAS, the Drainage Board has or will adopt a Final Order of Apportionment on March 20, 2024, and the cost of the Project has or will be apportioned against the following public corporations as indicated in the Chart below:

<u>County of Oakland</u> <u>PUBLIC CORPORATIONS</u>	<u>33.1000%</u> <u>Percentage</u> <u>of Project</u>	<u>Estimated Amount</u> <u>Assessed</u> <u>for Project</u>
City of Auburn Hills	4.9705%	\$695,870
Independence Township (incl. City of Clarkston)	2.4213%	338,982
City of Lake Angelus	0.0185%	2,590
Village of Lake Orion	0.3409%	47,726
Oakland Township	1.0393%	145,502
Orion Township	3.1494%	440,916
Oxford Township	1.2468%	174,552
Village of Oxford	0.5928%	82,992
City of Rochester	1.9526%	273,364
City of Rochester Hills	8.1106%	1,135,484
Waterford Township	7.6159%	1,066,226
West Bloomfield Township	1.6414%	229,796
County of Oakland Total	33.1000%	\$4,634,000

<u>County of Macomb</u> <u>PUBLIC CORPORATIONS</u>	<u>66.9000%</u> <u>Percentage</u> <u>of Project</u>	<u>Estimated Amount</u> <u>Assessed</u> <u>for Project</u>
Chesterfield Township	4.9783%	\$696,962
Clinton Township	13.9899%	1,958,586
City of Fraser	2.8103%	393,442
Harrison Township	4.1896%	586,544
Lenox Township	0.7827%	109,578
Macomb Township	9.4656%	1,325,184
Village of New Haven	0.5614%	78,596
Shelby Township	6.5484%	916,776
City of Sterling Heights	20.6591%	2,892,274
City of Utica	1.0966%	153,524
Washington Township	1.8181%	254,534
County of Macomb Total	66.9000%	\$9,366,000
Combined Total:	100.0000%	\$14,000,000

WHEREAS, Section 526 of the Drain Code authorizes a county to pledge its full faith and credit for the payment of obligations issued pursuant to Chapter 21 of the Drain Code, if the county board of commissioners has adopted a resolution by two-thirds (2/3) vote of its members-elect to that effect; and WHEREAS, the Drain Bonds are to be designated as the Oakland-Macomb Interceptor Drain Drainage District Bonds (Limited Tax General Obligation), Series 2024, will be dated as of such date, will bear interest at such rates not to exceed 6%, will be in the aggregate principal amount not to exceed \$14,000,000, will mature in such years and principal amounts, and will be subject to redemption prior to maturity, as shall be determined by resolution of the Drainage Board; and

WHEREAS, said Project is immediately necessary to protect and preserve the public health, and it is in the best interest of Oakland County that the Drain Bonds be sold and secured by a pledge of the full faith and credit of Oakland County, as authorized by Section 526 of the Drain Code; and

WHEREAS, the Board of Commissioners of Macomb County is expected to adopt a similar resolution pledging its full faith and credit for the payment of the Drain Bonds.

NOW THEREFORE BE IT RESOLVED that the Oakland County Board of Commissioners, pursuant to the authorization provided in Section 526 of the Drain Code, by a majority vote of at least two-thirds (2/3) of its members-elect, does hereby irrevocably pledge the full faith and credit of Oakland County for the prompt payment of the principal of and interest on that portion of the Drain Bonds not to exceed \$4,634,000 and representing 33.10% apportioned to Public Corporations within Oakland County (which said total amount of the Drain Bonds shall not to exceed the aggregate amount of \$14,000,000), and does agree that in the event any Public Corporations in Oakland County shall fail or neglect to account to the Oakland County Treasurer ("County Treasurer") for the amount of any special assessment installment and interest (in anticipation of which the bonds are issued) when due, then the amount thereof shall be advanced from the funds of Oakland County, and the County Treasurer is directed to make such advancement to the extent necessary.

BE IT FURTHER RESOLVED that in the event that, pursuant to said pledge of its full faith and credit Oakland County advances out of Oakland County funds all or any part of the principal and interest due on the bonds, it shall be the duty of the County Treasurer, for and on behalf of Oakland County, to take all actions and proceedings and pursue all remedies permitted or authorized by law for the reimbursement of such sums so paid.

BE IT FURTHER RESOLVED that the County Treasurer or the Drainage District's financial consultant, MFCI, LLC, is authorized to file with the Department of Treasury of the State of Michigan on behalf of the County an Application for the State Treasurer's Approval to Issue Bonds with respect to the Drain Bonds.

BE IT FURTHER RESOLVED that the County Treasurer is authorized, if necessary, to approve the circulation of a preliminary and final official statement for the Drain Bonds, to cause the preparation of those portions of the preliminary and final official statement that pertain to the County, and to do all other things necessary for compliance with Rule 15c2-12 issued under the Securities Exchange Act of 1934, as amended (the "Rule"). The County Treasurer is authorized to execute and deliver such certificates and to do all other things that are necessary to effectuate the sale and delivery of the Drain Bonds.

BE IT FURTHER RESOLVED that the County Treasurer is hereby authorized, if necessary, to execute and deliver in the name and on behalf of the County (i) a certificate of the County to comply with the requirements for a continuing disclosure undertaking of the County pursuant to subsection (b)(5) of the Rule and (ii) amendments to such certificate from time to time in accordance with the terms of such certificate (the certificate and any amendments thereto are collectively referred to herein as the "Continuing Disclosure Certificate"). To the extent a Continuing Disclosure Certificate is executed and delivered, the County hereby covenants and agrees that it will comply with and carry out all of the provisions of such Continuing Disclosure Certificate. The remedies for any failure of the County to comply with and carry out the provisions of the Continuing Disclosure Certificate shall be as set forth therein.

BE IT FURTHER RESOLVED that all resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution be and the same hereby are rescinded.

BE IT FURTHER RESOLVED no budget amendment is required. No General Fund appropriation is required.

ATTACHMENT I

Oakland-Macomb Interceptor Drain Drainage District Bonds, Series 2024 **Project and Project Costs**

OMID Odor-Corrosion Project

The Oakland-Macomb Interceptor Drain (OMID) interceptor system was originally constructed in the 1970s and is approaching 50 years in age. The system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S). The H₂S emitted from the system has also been the source of odor complaints. While the OMID system has been lined in many sections, the H₂S still poses a threat to unlined components as well as a continual odor issue in certain locations. Accordingly, the H₂S must be addressed to prevent further degradation, extend the interceptor system life, and reduce odor complaints throughout the system.

The OMID Odor and Corrosion Control Project will provide the Drainage District with new odor and control systems at two sites in Sterling Heights, Macomb County, Michigan to reduce the impact of H₂S in the system. The capital improvements ("Work") includes the following:

1. Meter ST-S-1 Site (Utica and Dodge Park):
 - a. Demolition of existing odor control unit and associated ductwork at Meter ST-S-1 at Utica Road/Dodge Park Road.
 - b. Demolition of irrigation system, guardrail, concrete sidewalk, and other site features as needed to facilitate the work.
 - c. Installation of an activated carbon vessel, exhaust fan with variable frequency drive (VFD) and ancillary facilities.
 - d. Installation of 480V 3-phase power and ancillary wiring and panels.
 - e. Modifications to the irrigation system.
 - f. Restoration of landscaping and other site features impacted by the work.
 - g. Installation of emergency pressure relief vent.
 - h. Make other improvements to on-site structures as needed to facilitate the Project
2. Meter ST-S-3 Site (Sorrento and Dodge Park):
 - a. Demolition of above-grade facilities associated with the Meter ST-S-3 vault at Dodge Park Road/Sorrento Boulevard.
 - b. Demolition of existing site fencing and other site features as needed to facilitate the work.
 - c. Demolition of partial underground sheeting.
 - d. Installation of an activated carbon facility, exhaust fan with variable frequency drive (VFD), and other appurtenance facilities.
 - e. Installation of 480V 3-phase power and ancillary wiring and panels.
 - f. Construct a replica house structure with a basement foundation to contain the new equipment.
 - g. Make other improvements to on-site structures as needed to facilitate the Project
3. Other sites:
 - a. Installation of emergency pressure relief vents at control structures CS-5, CS-9, PCI—7-107 and PCI-7-109 in the ITC corridor and Sterling Heights.

The estimated cost of the Project is not to exceed **\$14,000,000**.

RESOLUTION NO. _____

**MACOMB COUNTY BOARD OF COMMISSIONERS
RESOLUTION PLEDGING LIMITED TAX FULL FAITH AND CREDIT
FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT BONDS
(GENERAL OBLIGATION LIMITED TAX), SERIES 2024**

The Macomb County Board of Commissioners offers the following resolution:

WHEREAS, pursuant to a petition which was filed with the Director of the Michigan Department of Agriculture on June 18, 2009 by the Charter Township of Clinton of Macomb County, through the Macomb County Public Works Commissioner, and on June 22, 2009 by the Charter Township of Independence of Oakland County, through the Oakland County Water Resources Commissioner, proceedings have been carried out by the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District (the "Drainage District") authorizing the establishment, construction, operation, maintenance, extending and improving the Oakland-Macomb Interceptor Drain ("OMID Drain") and for the financing projects, said projects having been determined to be necessary for the public health; and

WHEREAS, the OMID Drain, is an interceptor wastewater collection system that was originally constructed in the 1970s and is approaching 50 years in age; and

WHEREAS, the system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S) which has been the source of excessive odor complaints; and

WHEREAS, H₂S poses a threat to unlined components as well as a continual excessive odor issues in certain locations that must be addressed; and

WHEREAS, on February 21, 2024, the Drainage Board for the Drainage District approved the OMID Odor and Corrosion Control Project ("Project") as described in **Attachment I**, that includes new odor and corrosion control systems to reduce excessive odors escaping the system; and

WHEREAS, the estimated cost of the Project is \$14,000,000 which will be apportioned and assessed against certain public corporations within Macomb and Oakland counties by the Drainage Board; and

WHEREAS, pursuant to the authorization provided in Chapter 21 of Act 40, Public Acts of Michigan, 1956, as amended (the "Drain Code"), the Drainage Board for the Drainage District proposes that the Drainage District issue its Drain Bonds, Series 2024 (the "Drain Bonds") in the aggregate principal amount not to exceed \$14,000,000 to finance all or part of the cost of the design and construction of improvements the costs relating to the Project, and the costs of issuance of such bonds; and

WHEREAS, such bonds will be payable in part from the collection of special assessments against public corporations located in Macomb and Oakland counties in the Drainage District, said special assessments to be duly confirmed as provided in the Drain Code; and

WHEREAS, the Drainage Board has or will adopt a Final Order of Apportionment on March 20, 2024, and 66.90% of the project cost will be assessed to the public corporations served by the OMIDD Drain within Macomb County, and 33.10% of the project cost will be assessed to the public corporations served by the OMIDD Drain within Oakland County, and

WHEREAS, the Drainage Board has or will adopt a Final Order of Apportionment on March 20, 2024, and the cost of the Project has or will be apportioned against the following public corporations in Macomb County in accordance with the following apportionments: Chesterfield Township (4.9783%), Clinton Township (13.9899%) City of Fraser (2.8103%), Harrison Township (4.1896%), Lenox Township (0.7827%), Macomb Township (9.4656%), Village of New Haven (0.5614%), Shelby Township (6.5484%), City of Sterling Heights (20.6591%), City of Utica (1.0966%), and Washington Township (1.8181%); and

WHEREAS, the Drainage Board has or will adopt a Final Order of Apportionment on March 20, 2024, the cost of the Project has or will be apportioned against the following public corporations in Oakland County in accordance with the following apportionments: City of Auburn Hills (4.9705%), Independence Township (includes City of Clarkston) (2.4213%), City of Lake Angelus (0.0185%), Village of Lake Orion (0.3409%), Oakland Township (1.0393%), Orion Township (3.1494%), Oxford Township (1.2468%), City of Rochester (1.9526%), City of Rochester Hills (8.1106%), Village of Oxford (0.5928%), Waterford Township (7.6159%), and West Bloomfield Township (1.6414%); and

WHEREAS, Section 526 of the Drain Code authorizes a county to pledge its full faith and credit for the payment of obligations issued under Chapter 21 of the Drain Code, if the county board of commissioners has adopted a resolution by two-thirds (2/3) vote of its members-elect to that effect; and

WHEREAS, the Drain Bonds are to be designated as the Oakland-Macomb Interceptor Drain Drainage District Bonds (Limited Tax General Obligation), Series 2024, will be dated as of such date, will bear interest at such rates not to exceed 6%, will be in the aggregate principal amount not to exceed \$14,000,000, will mature in such years and principal amounts, and will be subject to redemption prior to maturity, as shall be determined by resolution of the Drainage Board; and

WHEREAS, said Project is immediately necessary to protect and preserve the public health, and it is in the best interest of Macomb County that the Drain Bonds be sold and secured by a pledge of the full faith and credit of Macomb County.

NOW, THEREFORE, BE IT RESOLVED BY THE MACOMB COUNTY BOARD OF COMMISSIONERS:

1. Pursuant to the authorization provided in Section 526 of the Drain Code, the Macomb County Board of Commissioners, by a majority vote of at least two-thirds (2/3) of its members-elect, does hereby irrevocably pledge the full faith and credit of Macomb County for the prompt payment of the principal of and interest on the Drain Bonds, not to exceed in the aggregate \$14,000,000, and does agree that in the event any public corporation(s) in Macomb County shall fail or neglect to account to the Macomb County Treasurer ("County Treasurer") for the amount of any special assessment installment and interest (in anticipation of which the bonds are issued) when due, then the amount thereof shall be advanced from the funds of Macomb County, and the County Treasurer is directed to make such advancement to the extent necessary.

2. In the event that, pursuant to said pledge of its full faith and credit Macomb County advances out of Macomb County funds all or any part of the principal and interest due on the bonds, it shall be the duty of the County Treasurer, for and on behalf of Macomb County, to take all actions and proceedings and pursue all remedies permitted or authorized by law for the reimbursement of such sums so paid.

3. The County Treasurer, the County Finance Director or the financial consultant, MFCI, LLC is authorized to file with the Department of Treasury of the State of Michigan on behalf of the County an Application for the State Treasurer's Approval to Issue Bonds with respect to the Drain Bonds.

4. The County Treasurer or County Finance Director is authorized, if necessary, to approve the circulation of a preliminary and final official statement for the Drain Bonds, to cause the preparation of those portions of the preliminary and final official statement that pertain to the County, and to do all other things necessary for compliance with Rule 15c2-12 issued under the Securities Exchange Act of 1934, as amended (the "Rule"). The County Treasurer is authorized to execute and deliver such certificates and to do all other things that are necessary to effectuate the sale and delivery of the Drain Bonds.

5. The County Treasurer or County Finance Director is hereby authorized, if necessary, to execute and deliver in the name and on behalf of the County (i) a certificate of the County to comply with the requirements for a continuing disclosure undertaking of the County pursuant to subsection (b)(5) of the Rule and (ii) amendments to such certificate from time to time in accordance with the terms of such certificate (the certificate and any amendments thereto are collectively referred to herein as the "Continuing Disclosure Certificate"). To the extent a Continuing Disclosure Certificate is executed and delivered, the County hereby

covenants and agrees that it will comply with and carry out all of the provisions of such Continuing Disclosure Certificate. The remedies for any failure of the County to comply with and carry out the provisions of the Continuing Disclosure Certificate shall be as set forth therein.

6. All resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution be and the same hereby are rescinded.

_____, Chair

_____, Clerk/Register of Deeds

Adopted: _____, 2024

CERTIFICATION OF CLERK

I hereby certify that the foregoing is a true and complete copy of the resolution adopted by the Board of Commissioners of the County of Macomb, Michigan, at its regular meeting held on _____, _____, 2024 at _____, local time, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

I further certify that the following Commissioners were present at said meeting: _____

And that the following Commissioners were absent: _____

I further certify that *Commissioner* ____ moved adoption of said resolution and that *Commissioner* _____ supported said motion.

I further certify that the following Commissioners voted for adoption of said resolution: _____

And that the following Commissioners voted against adoption of said resolution: _____

Dated: _____, 2024

_____ Clerk/Register of Deeds

ATTACHMENT I

Oakland-Macomb Interceptor Drain Drainage District Bonds, Series 2024 **Project and Project Costs**

OMID Odor-Corrosion Project

The Oakland-Macomb Interceptor Drain (OMID) interceptor system was originally constructed in the 1970s and is approaching 50 years in age. The system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S). The H₂S emitted from the system has also been the source of odor complaints. While the OMID system has been lined in many sections, the H₂S still poses a threat to unlined components as well as a continual odor issue in certain locations. Accordingly, the H₂S must be addressed to prevent further degradation, extend the interceptor system life, and reduce odor complaints throughout the system.

The OMID Odor and Corrosion Control Project will provide the Drainage District with new odor and control systems at two sites in Sterling Heights, Macomb County, Michigan to reduce the impact of H₂S in the system. The capital improvements ("Work") includes the following:

1. Meter ST-S-1 Site (Utica and Dodge Park):
 - a. Demolition of existing odor control unit and associated ductwork at Meter ST-S-1 at Utica Road/Dodge Park Road.
 - b. Demolition of irrigation system, guardrail, concrete sidewalk, and other site features as needed to facilitate the work.
 - c. Installation of an activated carbon vessel, exhaust fan with variable frequency drive (VFD) and ancillary facilities.
 - d. Installation of 480V 3-phase power and ancillary wiring and panels.
 - e. Modifications to the irrigation system.
 - f. Restoration of landscaping and other site features impacted by the work.
 - g. Installation of emergency pressure relief vent.
 - h. Make other improvements to on-site structures as needed to facilitate the Project
2. Meter ST-S-3 Site (Sorrento and Dodge Park):
 - a. Demolition of above-grade facilities associated with the Meter ST-S-3 vault at Dodge Park Road/Sorrento Boulevard.
 - b. Demolition of existing site fencing and other site features as needed to facilitate the work.
 - c. Demolition of partial underground sheeting.
 - d. Installation of an activated carbon facility, exhaust fan with variable frequency drive (VFD), and other appurtenance facilities.
 - e. Installation of 480V 3-phase power and ancillary wiring and panels.
 - f. Construct a replica house structure with a basement foundation to contain the new equipment.
 - g. Make other improvements to on-site structures as needed to facilitate the Project
3. Other sites:
 - a. Installation of emergency pressure relief vents at control structures CS-5, CS-9, PCI—7-107 and PCI-7-109 in the ITC corridor and Sterling Heights.

The estimated cost of the Project is not to exceed **\$14,000,000**.

Agenda Item No. 6

MCFI Engagement Letter

February 16, 2024

VIA EMAIL

Steve Korth, P.E.
Chief Manager
Joel Brown
Chief Engineer
Oakland County Water Resources Commissioner
One Public Works Drive, 95W
Waterford, MI 48328

Brian Baker
Chief Deputy
Macomb County Public Works
21777 Dunham Rd
Clinton Twp, MI 48036

Re: Oakland-Macomb Interceptor Drain Drainage District Bonds, Series 2023

Dear Mr. Korth, Mr. Brown, and Mr. Baker:

This letter serves to record the terms of MFCI, LLC's ("MFCI") engagement to represent the Oakland-Macomb Interceptor Drain Drainage District ("OMID") as a client with regard to the captioned matters.

MFCI is registered as a Municipal Advisor with the Securities and Exchange Commission (SEC) (www.sec.gov) and the Municipal Securities Rulemaking Board (MSRB) (www.msrb.org).

MFCI agrees that the scope of our services in connection with the captioned matters is as follows:

- Assist, as needed, with capital planning or the project;
- Prepare the Bond specifications with Bond Counsel;
- Assist OMID with the determination of a sale method(s) and, if needed, assist in the hiring of an underwriter at OMID's direction;
- Develop the financing schedule;
- Assist in drafting and/or reviewing the financial and structural aspects of the Official Statement, as requested;
- Prepare general and economic data document and debt statements;
- Prepare for and coordinate the bond rating, as needed;
- Assist the working group in preparing sale documents;
- Prepare, coordinate, advertise, and analyze sale of Bonds;
- Prepare a final post-sale numbers package including debt service schedules, sources and uses of funds, production report, and other customary reports, as necessary;
- Prepare a final post-sale comparable analysis report (negotiated sales only); and
- Assist the working group with closing activities.

The services provided by MFCI are limited to the services described above unless otherwise agreed to in writing by MFCI.

Fees:

MFCI's fees on these matters are based on a fee schedule attached hereto as Appendix C. MFCI will invoice

on a transactional basis through closing. If closing does not occur, MFCI will not invoice for any fees. MFCI will invoice the Authority upon closing of each issue. Steven Burke will be the principal financial consultant contact on these matters.

Disclosure of Conflicts of Interest and Other Information:

As a registered municipal advisor MFCI is required to disclose potential conflicts of interest and other information regarding MFCI's registration, including where to locate MFCI's registration information on the SEC's EDGAR system. MFCI's required disclosures are included as Appendix B to this letter, incorporated herein by reference. Any additional disclosures made by MFCI to update the disclosures contained in Appendix B are also incorporated by reference to this letter.

This letter is supplemented by MFCI's Standard Terms of Engagement for Financial Consulting Services, attached, which are incorporated in this letter and apply to this matter and other matter(s) for which the Authority engages MFCI. MFCI agrees to promptly amend or supplement this letter to reflect any material changes or additions to the engagement. If the Authority agrees that this letter provides acceptable terms for MFCI's engagement in this matter, please acknowledge via an email reply.

We look forward to working with you.

Sincerely,

MFCI, LLC



Steven Burke
President

CC:
Warren C. Creamer, MFCI
Stacey Mills, MFCI
Karen J. Attardo, MFCI

Appendix A

MFCI, LLC (MUNICIPAL FINANCIAL CONSULTANTS) STANDARD TERMS OF ENGAGEMENT FOR FINANCIAL CONSULTING SERVICES

This statement provides the standard terms of MFCI, LLC's ("MFCI" or "the firm") engagement as your financial consultants. Unless modified in writing by mutual agreement, these terms will be an integral part of our agreement with you. Therefore, we ask that you review this statement carefully and contact us promptly if you have any questions.

GENERAL RIGHTS AND RESPONSIBILITIES OF CLIENTS OF THE FIRM

A client of the firm has the right to: (A) expect competent representation by the firm; (B) determine the purposes to be served by the financial consulting representation, so long as those purposes are legal and do not violate the firm's obligations under applicable federal securities rules and regulations; (C) be kept reasonably informed about the status of the matter and have the firm respond promptly to reasonable requests for information; and (D) terminate the representation at any time, with or without cause, subject to the obligation for payment of financial services provided and costs incurred by the firm.

A client of the firm has the responsibility to: (A) cooperate with MFCI and the finance team to provide accurate and necessary information, records and data about the client and access to client personnel necessary to structure the debt, complete the disclosure documents and prepare the transaction documentation; and (B) pay the firm as provided by this agreement and any other agreements regarding payment for financial consulting services and expenses. A client may not: (A) demand that the firm use offensive tactics or treat anyone involved in the transaction in a manner that would violate our regulatory obligation to deal fairly with all persons or; (B) demand any assistance which violates the federal or state laws.

WHOM WE REPRESENT

The person or entity whom we represent is the person or entity identified in our engagement letter and does not include any affiliates or related parties of the Client unless our engagement letter expressly provides otherwise.

THE SCOPE OF OUR WORK/TERM

You should have a clear understanding of the financial consulting services we will provide, as described in the preceding letter. Any questions that you have should be dealt with promptly.

We will, at all times, act on your behalf to the best of our ability. Any expressions on our part concerning the outcome of your matters are expressions of our best professional judgement, but are not guarantees. Such advice is necessarily limited by our knowledge of the facts and are based on the state of the facts at the time they are expressed. Your obligations to pay our fees as provided in this letter is not contingent upon a result or results in the matter.

Our relationship will be considered ended upon the earliest of (a) our completion of services in the matter(s) for which you have engaged us, (b) notifications by you to us that you desire to terminate such services, or (c) notification by the firm of termination of our client relationship.

TERMINATION

You may terminate our representation at any time, with or without cause, by notifying us in writing.

BILLING ARRANGEMENTS AND TERMS OF PAYMENT

Unless otherwise provided in our engagement letter, we will provide you with an invoice upon completion of the assignment. Payment is due on receipt.

We will give you notice if your account becomes delinquent, and you agree to bring the account or the retainer deposit current. If the delinquency continues and you do not arrange satisfactory payment terms, we may withdraw from the representation and pursue collection of your account. Moreover, you agree that non-payment of our fees is a valid basis for our request to so withdraw. To the extent collection of your account becomes necessary, you agree that in addition to any unpaid balance and interest thereon, we will be entitled to recover all costs and expenses of collection, including reasonable attorney fees.

Appendix B

CONFLICTS OF INTEREST AND OTHER DISCLOSURES

Conflicts Due to the Form and Basis of Our Compensation

MFCI's future fee compensation is contingent upon a successful closing of the issue and the par (dollar) amount of the issue. This could potentially cause a conflict of interest for MFCI. For example, fees based on the principal amount of the transaction presents a conflict of interest because the advisor may have an incentive to advise the client to increase the size of the securities issue for the purpose of increasing the advisor's compensation. Similarly, fees that are only paid on the successful completion of a financing presents a conflict because the advisor may have an incentive to recommend unnecessary financings or financings that are disadvantageous to the client. When facts or circumstances arise that could cause the financing or other transaction to be delayed or fail to close, an advisor may have an incentive to discourage a full consideration of such facts and circumstances, or to discourage consideration of alternatives that may result in the cancellation of the financing or other transaction. MFCI manages and mitigates this conflict primarily by adherence to the fiduciary duty that it owes to its clients that requires it to put the interests of a client above and ahead of MFCI's interests.

Most Recent SEC Filings:

The SEC Form MA and MI-I provide clients with information about our firm, which includes information about any criminal actions, regulatory actions, investigations, terminations, judgments, liens, civil judicial actions, customer complaints, arbitrations, and civil litigation. This can be accessed at:

<https://www.sec.gov/cgi-bin/browse-edgar?action=getcompany&CIK=0001732526&owner=exclude&count=40>

MSRB Rule G-10 Disclosure

MFCI, LLC (Municipal Financial Consultants) is registered with the Municipal Securities Rulemaking Board (MSRB) and the Securities and Exchange Commission (SEC).

Clients can access the MSRB or SEC via the internet at:

<http://www.msrb.org>

<http://www.sec.gov>

The MSRB provides significant protections for municipal entities and obligated persons that are clients of a municipal advisor. Certain of those protections also apply to potential clients of a municipal advisor. Municipal advisors must comply with MSRB rules when engaging in municipal advisory activities. Read about rule protections when working with a municipal advisory in the MSRB's brochure for municipal advisory clients.

If you have a complaint about your municipal advisor or about the municipal securities market, contact:

U.S. Securities and Exchange Commission
Office of Municipal Securities
100 F Street, N.E.
Washington, DC 20549
(202) 551-5680

Appendix C

Schedule of Financial Advisory Fees

for

Oakland-Macomb Interceptor Drain Drainage District

Financial Advisory Fees:

<u>TOTAL BORROWING AMOUNT</u>	<u>FEE¹</u>
Less than \$1,000,000	\$3,500 (for any issue of \$300,000 or less) <u>plus</u> \$4.00 per \$1,000 for the amount in excess of \$300,000
\$1,000,000 or more but less than \$2,000,000	\$6,200 <u>plus</u> \$3.00 per \$1,000 for the amount in excess of \$1,000,000
\$2,000,000 or more but less than \$3,000,000	\$9,200 plus \$2.00 per \$1,000 for the amount in excess of \$2,000,000
\$3,000,000 or more but less than \$5,000,000	\$11,200 plus \$1.50 per \$1,000 for the amount in excess of \$3,000,000
\$5,000,000 or more but less than \$10,000,000	\$14,200 plus \$1.25 per \$1,000 for the amount in excess of \$5,000,000
\$10,000,000 or more	\$20,450 plus \$0.75 per \$1,000 for the amount in excess of \$10,000,000
	<i>¹The total bond production amount (principal amount plus OID/OIP) to be used for the purpose of fee calculation.</i>

Out-of-Pocket Expenses:

In addition to the applicable fee, expenses incurred, and disbursements made (out-of-pocket expenses) will be billed as separate amounts. These expenses include software subscriptions (\$100 per bond offering), TM3 MMD Pricing and Interest Rate Data (\$350 per bond offering), printing, copying, overnight express, postage, mileage to meetings, and shall not exceed \$2,000.00.

The Municipal Advisory Council of Michigan Fee:

The Municipal Advisory Council of Michigan (the “MAC”) assesses MFCI, LLC a \$450.00 fee for every bond issue we act as municipal advisor in the State of Michigan. Our membership in the MAC is voluntary, but the per bond issue assessment is meant to cover costs for credit reports, and similar information available from the MAC that is used in the offering document and in other states is billed directly by a third-party. The MAC is a single-source municipal database for essential bond and note details for all local government issuers in Michigan. Among 23 distinctive credit reports, the MAC is the primary source for Issuer’s debt statements, overlapping debt and indirect debt, as disclosed in official statements. The MAC tracks, monitors and records all Michigan new issue bond sales, whether competitive, negotiated or private placements. The MAC is a Michigan non-profit membership service company. It is not a trade association

nor is it chartered or registered in accordance with State of Michigan legal requirements to lobby on matters of legislation, regulation or policy(s) anticipated to have an impact on functions benefiting Members.

Our clients may opt-out of the MAC fee as the MAC is a voluntary membership. If you choose to opt-out, please reply requesting to opt-out via email. If you do not opt-out, the MAC fee of \$450.00 will be billed separately on MFCI, LLC's invoice and does not apply to the \$2,000.00 out-of-pocket expense limit.

Other Expenses:

MFCI, LLC will pay third party invoices for services rendered directly relating to the captioned issue on behalf of our clients up to \$3,000.00 per invoice. MFCI, LLC will bill these expenses to our clients as part of MFCI, LLC's invoice. Clients will be provided with copies of the invoices when they are made available.

Official Statement:

At the request of the client, prepare a preliminary and/or final official statement utilizing information provided by the client and other parties: \$4,500.00. Plus, \$1,500.00 for each local unit (not including Oakland County and Macomb County), which requires a full disclosure appendix in the official statement (local units at or above a 10% assessment of the bond issue).

Note that MFCI, LLC will make no representation, warranty or guarantee regarding the accuracy or completeness of the information in the preliminary and/or final official statement (other than information related to MFCI, LLC or provided by MFCI, LLC for inclusion in such documents), and its assistance in preparing the preliminary and/or final official statement should not be construed as a representation that it has independently verified such information.

Feasibility Studies or Other Consulting Services:

Feasibility studies or Other Consulting Services will be billed separately on a per hour basis. For a consulting engagement on an hourly basis, our standard rate is \$300 per hour.

Agenda Item No. 7

Engineering Work Order



Oakland-Macomb Interceptor Drain Drainage District

TO: Michael Gregg, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board

FROM: Joel Brown, P.E. Oakland County Water Resources Commissioner's Office
Stephen Downing, Macomb County Public Works Commissioner's Office

SUBJECT: Approval of NTH EWO for NI-EA Contract 1: PCI-4 Rehabilitation Project For Additional Construction Contract Administration Services Due to Further Project Delay

DATE: March 20, 2024

The OMIDDD Board previously approved an extension of NTH's CCA Services on the NI-EA Contract 1: PCI-4 Rehabilitation Project on June 21, 2023 via EWO D-457. At that time, the project had been extended through change orders for several reasons including additional flow control maintenance days and Force Majeure delays. In addition, the project had also been delayed due to contractor-related issues with the installation of both Channeline and RockHard products. Ultimately, the Final Completion date was expected to be in September 2023. The project finally reached Substantial Completion on January 19, 2024 and is expected to reach Final Completion at the end of March. NTH Consultants Ltd.'s construction contract administration (CCA) budget was exhausted since the last week in December 2023 and NTH has been withholding further invoicing until an Engineering Work Order can be executed. As the cause of the delay is not due to NTH's actions, we asked NTH to generate the attached March 8, 2024 proposal to request additional funds to continue providing CCA services through March 2024 to complete the project. These services also include efforts from NTH's subconsultants: FK Engineering, Anderson, Eckstein & Westrick, Inc. and Applied Science Inc.

Please note that discussions are still ongoing regarding the assessment of liquidated damages to Marra. Nevertheless, there is sufficient budget remaining to cover NTH's costs to complete this project.

An Engineering Work Order has been created to include the additional CCA scope or work and associated fees to NTH's existing contract #2603 for a not-to-exceed amount of \$179,973

NTH and its subconsultants will continue to provide CCA services uninterrupted until this project is complete.

Requested Action: Approve the attached engineering work order to increase NTH's contract #2603 by an amount not to exceed \$179,973 for additional CCA services due to construction delay related to the NI-EA Contract 1: PCI-4 Rehabilitation Project.

**Jim Nash Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
For the
OMID NI-EA Contract 1: PCI-4 Rehabilitation
Wayne County, Michigan**

Engineering Work Order D-470 (2)**Date: 3/8/2024****To:** NTH Consultants Ltd. (NTH)**For:** Amendment to Contract #2603 For Additional CCA Services Due to Further NI-EA Contract 1: PCI-4 Rehabilitation Project Delay**DESCRIPTION**

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the OMID NI-EA Contract 1: PCI-4 Rehabilitation Project that falls under Section A-Engineering Services and Section C Compensation for Engineering Services, Item No. 6 Additional Special Services and Exhibit D – Estimated Fees of contract #2603. This EWO serves as your approval for compensation to provide the following construction contract administration (CCA) services needed over the additional anticipated approximately 6-month time extension in the Final Completion Date of the Project. Per previous EWO D-457, was anticipated to be complete in September 2023 but is now anticipated to be through March 2024 (see the attached NTH March 8, 2024 proposal):

- Part-time project management and contract administration services will be necessary through the extended Final Completion Date of the project. This will include conducting weekly progress and field task meetings, attending bi-weekly Owner's meeting, e-builder document control, submittal/RFI review, pay application processing, work directive/change order processing (as required), as-built document review, final walkthrough and closeout tasks.
- One full time inspector will be required during project closeout activities through final completion. This includes the additional Madewell Mainstay product application within the Discharge Chamber and 40 hours of observation for restoration in the Spring 2024. A final walkthrough to document as-builts will also be required.
- Continued warranty repair field observation services at CS-9

The associated fee for these services is \$179,973

Fees for this Engineering Work Order shall be billed on a time and material basis according to the rate schedules included with the proposal. Subconsultants and expenses are allotted a markup of 6% and 5% respectively. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$179,973. This amount is not to be exceeded without written authorization from the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) Board.

RECOMMENDED	DATE:	ACCEPTED	DATE:
By:		By:	
Joel Brown, P.E. Chief Engineer OCWRC		Jeff Jaros, P.E. President NTH Consultants Ltd.	
APPROVED	DATE:	APPROVED	DATE:
By:		By:	
Stephen Downing Construction and Maintenance Manager MCPWO		Sid Lockhart, P.E. Special Projects Manager OCWRC	
Approved by the Drainage District Board on:			

Department No.:	6010101	Account No.:	SC731444
Fund No:	FND84917	Program No.:	PRG149015
Project No:	PRJ-13308	Project Activity:	1-ENG CONSULT
Contract No:	PS2603-WDCON8173	Contract Exp:	12/31/2023

Agenda Item No. 8

Change Order

CHANGE ORDER NO. ONE

NIEA OMID Contract Two-A

Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)
For Lining of the PCI-4 Interceptor and Access Structure Construction.
PCI 18 and 19 Rehabilitation

Located in the City of Detroit, Wayne County, Michigan

Authorization for:

- 1.) Additional Traffic Control protocols for Van Dyke/ Seven Mile Rd. intersection; 2.) Modifications to proposed relocation of existing 8" dia. Seven Mile Rd. watermain; 3.) Additional Traffic Control Devices for Construction Influence Area

CONTRACTOR:

:

Z Contractors, Inc.

50500 Design Lane

Shelby Twp., MI

48315

Date: March 06, 2024

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1-1	<u>LOCATION:</u> <i>"All Work described herein is within the City of Detroit, Wayne County, Michigan"</i> <u>DESCRIPTION: (Add/ Extra):</u> Provided modified traffic control requirements at the intersection of Van Dyke Ave and Seven Mile Rd., adjacent to the project influence work areas. <u>REASON:</u> The proposed Maintenance of Traffic plan for the referenced intersection was submitted to the Michigan Dept. of Transportation (MDOT) for review and approval prior to the start of construction. MDOT has now established an updated protocol for traffic signal modifications which was not in place at the time the project was designed and bid. The revised requirements included additional traffic signal "heads" and temporary concealment ("bagging") of existing signal heads that are removed from service during construction.	Ea.	LS	\$6,142.50	\$6,142.50	-0-

NIEA OMID Contract Two - A; C.O. # 1

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1-1	<i>Attachment:</i> MDOT Requirements, and Contractor quotation					
1-2	<u>DESCRIPTION (Change/ Extra):</u> Modify the planned relocation layout of an existing 8" dia. DWSD watermain in Seven Mile Rd. to resolve a spatial conflict with other new and existing utilities. <u>REASON:</u> Construction of the proposed Seven Mile Access Shaft required relocation of several underground utilities which interfered with the new construction. An existing sewer manhole on the DWSD 7 Mile Sewer provided a permanent obstacle upon which the utility relocations (DTE Gas and DWSD water) were required to negotiate around on the north side of the manhole. Initial excavation work revealed a lack of adequate space on the (planned) north side of the manhole, thereby necessitating watermain relocation to the south. In order to minimize potential damage to the watermain during the adjacent TERS installation, and secure the water main during subsequent structure construction, the water main was initially removed with a "cut and cap" procedure, and later restored permanently inside an oversized steel pipe protective casing. The work was largely performed during weekend and nighttime off-hour conditions to minimize inconvenience to local service customers. <i>Attachment:</i> Work Directive and Contractor Quotation Documents	LS	1 ea.	\$27,500.00	\$27,500.00	-0-
1-3	<u>DESCRIPTION: (Extra/ Add):</u> Furnish and erect additional traffic control devices to supplement the originally installed equipment as provided for under the Contract traffic management plan. <u>REASON:</u> Upon commencement of construction, additional monitoring of the modified flow of traffic as affected by construction activity, was performed in an effort to minimize congestion, reduce motorist confusion, and improve the flow of traffic through the construction influence area.	LS	1 ea.	\$ 4,287.75	\$ 4,287.75	-0-

NIEA OMID Contract Two - A; C.O. # 1

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1-3	The project traffic control Engineer (AEW, Inc.) developed a series of enhancements including additional signage, lighted arrow placement, and a more clearly defined Detour route to aid motorists through the combined Seven Mile Rd access shaft construction and the simultaneous Van Dyke Ave. PC-663 Gate Structure construction. These additions to the traffic control plan will continue for the active period of construction at both sites. Attachment: Engineer and Contractor Documentation ***** END OF CHANGE ORDER NO. TWO-A LINE ITEMS					
					Amount Increase	Amount Decrease
				Totals	\$37,930.25	-0-
				Net Change Cost (Add)	\$37,930.25	-0-

END OF CHANGE ORDER NO. ONE (NIEA OMID C-2A), ITEMIZED DESCRIPTIONS

NIEA OMID Contract Two - A; C.O. # 1

Prepared By:
Lawrence T. Gilbert, P.E.
NTH Consultants, Ltd.

Date:

3-13-24

Recommended By:
Saju Sachidanandan, P.E.
Engineer of Design, NTH Consultants, Ltd.

Date:

3/13/2024

Approved By:
Jen Cook, P.E.
Project Manager, WRC

Date:

3/14/2024

Approved By:
Stephen Downing
Construction and Maintenance Manager, Macomb County Public Works

Date:

3/14/2024

Approved by:
Steve Korth, P.E.
Manager, WRC

Date:

March 15, 2024

All of Contractor's contractual obligations remain in place and are applicable to all work and payments identified herein. No adjustment to contract time or price shall be made for these issues except as set out in this, or by a subsequent related, Change Order.

The Contractor agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by:


Title

Project Manager

Date

3-13-24

of: Z CONTRACTORS, INC.

The Contractor is hereby authorized and instructed to do the Work described above in accordance with the terms of the Contract, as amended.

This Change Order No. 1 was approved by the Drainage Board on: Date:

NIEA OMID Contract Two - A; C.O. # 1

Attachment No. 1 to Change Order No. One

The Engineer has reviewed the items included in this Change Order and confirms that these adjustments to the Contract are reasonable and in accordance with industry standards and the requirements of the Contract.

Contract Status Summary

Change Order No. One

NIEA OMID CONTRACT TWO-A

March 06, 2024

Contractor: Z Contractors, Inc.

Project Award Date	June 23, 2023
Notice to Proceed Date	June 23, 2023
Contract Substantial Completion Date	December 03, 2024
Contract Substantial Completion (Adjusted by this C.O.)	
Contract Final Completion Date	January 18, 2025
Original Contract Value	\$ 9,488,650.00
Previous Change Order Values (None)	\$ -0-
Change Order Value, this C.O. # 1	\$ 37,930.25
<i>Adjusted Contract Value, including C.O. #1 :</i>	\$ 9,526,580.25

Agenda Item No. 9

Construction Estimates

Northeast Sewage Pumping Station- Pumping and Electrical Systems Upgrades Project
Located in the City of Detroit, Wayne County, Michigan

Regular Construction Estimate No. Forty- One
Page One of Two

February 01, 20024 through February 29, 2024

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
OMID Project No.:	1 3309	Activity:	FAC

Construction Manager at Risk: Vendor # 23191 LI 43331; exp. 12/16/22

Walsh Construction Co. Date of Contract: Dec. 16, 2019

3031 West Grand Boulevard, Suite 640 (Adjusted Final Completion Date: July 28, 2023

Detroit, MI 48202 Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, and including CS-9	\$44,107,745.19
Pre-Construction Payment (Separate Accounting)	(\$1,244,560.00)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$42,863,185.19
Change Orders, This Estimate: None	\$0.00
Previous C.O.s: (Numbers 7 through No. 40 and CS-9 # 1 through # 4)	\$7,025,309.08
Note: C.O. # 30 includes the budget transfer of \$70,196.70 from Pre-Con to GMP budget)	\$70,196.70
Adjusted Contract Amount including CS-9 values	\$49,958,690.66
Sub-Total To Date	\$ 41,179,252.95
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,497,934.53
Total Amount Allowed To Date: Work in Place = 82.4% complete	\$41,179,252.95
Less Previous Estimates:	\$38,490,405.51
Payment Due	\$190,912.91
Reserve Pay to Contractor:	\$0.00
Balance to Finish: \$ 8,779,437.71	Accounting Auditor:
Amount to be Reserved	2,497,934.53
Less Previous Transfer to Reserve	2,497,934.53
Amount of Current Transfer	\$0.00

Regular Construction Estimate No. 41; February, 2024 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by: 
Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 5-13-24

Recommended by: 
John Michalski, P.E., ASI

Date: 3/13/2024

Recommended by: _____
Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: _____
Stephen Downing; Macomb County OPWC

Date: _____

Regular Construction Estimate No. 41; February, 2024
NESPS Pump & Electrical Upgrades Project

Approved By Board On: _____

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the NI-EA OMID Contract 1 - PCI 4 Rehabilitation
Located in the City of Detroit, Wayne, Michigan
Project ID 1-00000003308

Regular Construction Estimate No. 36

Period: February 01 through February 29, 2024

Department No.: 6010101
Fund No.: 84917
Project No.: 1-00000003308

Account No.: 731472
Program No.: 149015
Activity: FAC

Contractor:
Marra Services, Inc.
700 E. 73 rd. Street
Cleveland, OH 44103

Vendor # 29656 Contract # 6323
LI # 44838 exp. 1/20/23

Date of Contract: January 21, 2021
Final Completion Date: September 9, 2022
Adj. Final Completion: May 12, 2023

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One, Two, Three, Four, and Five	\$1,287,656.61
Change Orders This Estimate: None	\$0.00
Total Net Change Orders:	\$1,287,656.61
Adjusted Contract Amount:	\$16,020,166.61
Sub-Total To Date	\$15,603,784.95
Less Deductions: None	\$0.00
Gross Estimate, Work in Place 97.4 % Complete	\$15,603,784.95
Less Amount Reserved (Max. at 10% of 50% of adjusted C.V.)	\$801,008.33
Total Amount Allowed To Date:	\$14,802,776.62
Less Previous Estimates	\$14,661,416.62
Net Payment Request To Be Paid To Contractor:	\$141,360.00
Reserve Payment to Contractor:	\$0.00
Amount remaining to Completion: \$ 416,381.66	Accounting Auditor:
Amount to be Reserved from Above	\$801,008.33
Less Previous Transfers To Reserve:	\$801,008.33
Amount of Current Transfer	\$0.00

Prepared by: Lawrence T. Gilbert
Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 3-13-24

Recommended by: Saju Sachidanandan
Saju Sachidanandan, P. E.; NTH Consultants Ltd.

Date: 3/13/2024

Recommended by: _____
Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: _____
Stephen Downing; Macomb County OPWC

Date: _____

Regular Pay Estimate No 36; Feb. 01 through Feb. 29, 2024

Approved By Board On: _____

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the NI-EA OMID Contracts 2 A and 2 B - PCI 18 and 19 Rehabilitation
Located in the City of Detroit, Wayne County, Michigan
Project ID : TBD

Regular Construction Estimate No. Seven (Contr. 2-A Only)

Period: Feb.01 through Feb.29, 2024

Department No.:	6010101	Account No.:	SC 731472
	FND84918	Program No.:	PRG 149015
Project No.:	PRJ-17408	Activity:	1-FAC-ACQ

Contractor:	Vendor # TBD Contract # 10396	
Z Contractors, Inc.	License # 07130 exp. 4-30-25	NTP 6/29/2023
50500 Design Lane	Final Completion Dates	Oct. 28, 2024 (2A) & June 24, 2025 (2-B)
Shelby Township, MI 48315	Adjusted Final Completion Dates:	Same

Original Construction Contract Amount	(Contract 2-A, Only)	\$9,488,650.00
Previous Change Orders: None		\$0.00
Change Orders This Estimate: None		\$0.00
Total Net Change Orders:		\$0.00
Adjusted Contract Amount: (Contract 2A Only)		\$9,488,650.00
Sub-Total To Date		\$3,637,376.94
Less Deductions: None		\$0.00
Gross Estimate, Work in Place	38.3 % Complete	\$3,637,376.94
Less Amount Reserved (Max. at 10% of completed work)		\$363,737.69
Total Amount Allowed To Date:		\$3,273,639.25
Less Previous Estimates		\$1,870,756.98
Net Payment Request To Be Paid To Contractor:		\$1,402,882.27

Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$ 5,851,273.06	Accounting Auditor:
Amount to be Reserved from Above	\$363,737.69
Less Previous Transfers To Reserve:	\$207,861.89
Amount of Current Transfer	\$155,875.80

Prepared by: Lawrence T. Gilbert
Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 3-13-24

Recommended by: Saju Sachi / AYA
Saju Sachidanandan, P. E.; NTH Consultants Ltd.

Date: 3/13/2024

Recommended by: Jennifer Cook
Jennifer Cook, P.E. Oakland County WRC

Date: 3/14/2024

Recommended by: Stephen Downing
Stephen Downing; Macomb County OPWC

Date: 3/14/2024

Regular Pay Estimate No. Seven; Feb. 01 through Feb. 29, 2024

Approved By Board On: _____

Agenda Item No. 10

Report/Update – Status of OMID
Project, Segments 1 through 4, NESPS,
NI-EA

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

F. Klingler, P.E., B. Kelly, P.E., FK Engineering Assoc.

L. Gilbert, P.E., NTH Consultants, Ltd.

J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco Services, Inc.

J. Matteo, P.E., Jacobs Consultants Inc.

March 20, 2024 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (March 12, 2024) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

SRF Segment 1 Status:

Contracts 1&2: Complete

System-wide Odor/Corrosion Study: Complete

Odor and Corrosion Control Design

- Project Budget: \$1,054,052.86
- Total Spent (Invoice No. 13, through December 2023): \$914,856.07
- Effort is currently on time in accordance with Jacobs' latest design schedule.

Status of Major Project Tasks:

- The Issued for Bids package (plans and specs) was submitted to OMIDDD on March 7, 2024. The permitting includes pending Sterling Heights' site plan review and building department approval. Project is expected to be ready for bid advertisement in March 2024, with Notice to Proceed expected in July 2024. Bonding the project is in progress.
- The design of the 15 Mile Road/ITC Corridor (CS-6) odor/corrosion control system is currently on hold until the terms for grant funding of the adjacent Sterling Heights parcel (east of the ITC Corridor) are clarified with the National Park Service (grant originator), and data from other odor control sites is available.

SRF Segment 2 Status:

Contract 3 (Base Contract & C.O. 2E-2J): Complete

SRF Segment 3 Status:

Contract 4: Complete

SRF Segment 4 Status:

Contract 5A/5B: Complete

- City of Utica Use Agreement for access paths is pending; awaiting final authorization (which is very close!)

Contract 6: Complete

Contract 7 (NIEA 110 feet of Emergency Rehab): Complete

NESPS Odor/Corrosion Control System (No Segment or Contract No.): Complete

NESPS & OMID Maintenance, Operations & Upgrades Status:

Status of Emergency Contingency Plan for pumping during total power loss or other catastrophic system failure:

- Mersino is under contract for standby emergency bypass pumping. No activity this month.
- The OMIDDD Project Team has finalized design for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade, pending final agreement with ITC and other easement owners. Currently under review by ITC, Sterling Heights, and coordinating with other easement holders. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Field work will follow after requirements for MIDDD Segment 5 pipe storage are complete (expected summer 2024).
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

Work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDDD, NESPS, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- The wet well elevator remains disabled, with re-construction plans in progress. Progress toward final completion in 2024 continues with custom parts starting to arrive according to Lardner. Construction start is anticipated for April-May 2024.
- Lardner has applied for the final Dry Well Elevator Permit from the City of Detroit. The required inspection has been scheduled.
- The quarterly wet well bar screen cleaning is planned for March 20, 2024. Wet weather and construction impacts have delayed normal quarterly cleanings. The north bar screen was last cleaned on September 27, 2023 during wet well isolation for Pump 5 knife gate valve (KGV 5) installation. Both bar screens (north and south) remain in

good condition. The “stilling well” at the north wet well, part of the level sensor system, is to be installed during wet well cleaning operations. The stilling well is part of the level sensor system. A demonstration of the NLB cleaning system was performed on February 6, 2024. NLB will return, following modifications based upon challenges experienced during the demonstration.

- The 25-ton and 4-ton crane are now both operational.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1 #2, #3, and #6 remain ready for duty (Pumps #1 and #3 are provisionally approved for use). Total Pumping Capacity equals 450 CFS. Contract Capacity 423cfs. Firm Capacity 400cfs. The vibration issues observed on shutdown at Sanitary Pumps #1 and #3 have not been resolved but adjustments to vibration timer settings have resulted in uninterrupted performance. A letter of facts surrounding the vibration issue, Pump #1 and Pump #3 oil leaks, and various other concerns was submitted to Flowserve. Flowserve has not yet responded.
- Adjustments were made to the MPR (Motor Protection Relay) by Walsh and Rotor due to nuisance trips of Pumps #1 and #3. The team continues to monitor and make adjustments.
- Sanitary Pump #4 remains out of service. A purchase order for a new Toshiba MV 2000HP VFD Drive was submitted by Rotor on October 27, 2023. The drive unit is in stock and reserved with an expected lead time of 28 weeks. Shop drawings were received January 29, 2024. Review comments by the Engineering team are complete and have been delivered to Toshiba.
- An overhaul of Sanitary Pump #4 shaft bearings and pump mechanical seal is scheduled to begin May 5, 2024. The project remains on track for completion in July 2024.
- A physical model of Pumps #1, #2, and #3 is now slated for mid-March 2024 after a delay. It is anticipated that this model will allow for a better evaluation of the under-performance issue experienced since installation.
- The wet well dewatering pump remains ready for duty.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) final forms are complete. All personnel are required to fill out forms before any sewer entry. There continue to be no issues with LOTO procedures during this reporting period.
- The primary switchgear in the existing station remains double-ended with two sources of utility power (new, Transformer #3 and existing, Transformer #4).
- Generator back-up has been altered due to necessary upgrades to the Digital and Master Synchronizer Load Controllers (DSLC/MSLC). This task is required in order to integrate the new switchgear with the generators and should be completed within three weeks. PM Technologies will minimize generator downtime by removing one generator at a time to switch out the controllers. The total back-up generator loss is estimated to be 3-4 days. This task is ahead of schedule.
- Transformer was tested by Schneider Electric the week of January 8, 2024 for a possible permanent install thereafter. The test passed with no issue according to Walsh.
- Dry well submersible sump Pumps #1 and #2 are in service and ready for duty.



Finishing DSLC-2/MSLC-2 Upgrade

- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their requirements with no outstanding issues to report.
- HVAC: Gas detection is in use. Rounds are conducted daily. Unit air filters are restocked and changed as required. Erratic spikes of H₂S and methane that had triggered alarm sirens and strobes inside the Pumpstation have been resolved.
- Bio Filter performance has been acceptable. The irrigation process has been limited by another PLC failure, which has been resolved.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities continue to be addressed in a timely manner.

Control Structures Performance Report (CS-5, CS-6, CS-7, CS-8):

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting).
- Semi-Annual Preventative Maintenance completed.
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-6 gate is in stand-by mode and ready for service. A gate seal issue is currently being addressed.
- CS-5 and CS-8 in stand-by mode and ready for service.
- CS-9 in stand-by mode and ready for service. A Non-Conformance Notice “CS-9 Electrical Wiring Conduit/Junction Box Connection Deterioration” was issued 2-22-24 due to premature corrosion. A temporary fix was completed on February 9, 2024.
- Routine daily rounds and inspections made.

Other System Operation Issues

- O&M Manual is currently being revised to include new structures, recently modified structures, new monitoring equipment, recent EGLE approval of gate use for long term flow management, and recent inspection and repair status.

OMID Control Structure Upgrades Status:

- ASI continues design of major upgrades to control structures which takes into consideration long-term operability.
- Initial inspections, planning, and Basis of Design are complete.
- Final Design package submitted to OMID for review.
- Currently considering options for packaging and contract delivery (i.e., one or multiple contracts, etc.)
- Currently evaluating potential impacts on other projects and best timing for nodding, although start of the work is tentatively planned for Fall of 2024.

OMID System 6-Year Inspection Status:

- All inspections and the final report are complete.
- Repairs recommended from 6-year inspection to be contracted through one of the existing task order contracts.

NIEA Repairs (Design/Construction)

Contract 1 (PCI-4 Rehabilitation): In Construction

Amt Invoiced: Construction cost to date is \$15,603,784.95, representing approx. 97.4 % of the adjusted Contract value.

Schedule Status: The adjusted Substantial Completion date is April 12, 2023. The Contractor is operating approximately 293 days behind the adjusted schedule, with time extensions requests under consideration. Substantial Completion is estimated for late February 2024. An accounting of Liquidated Damages versus additionally authorized efforts and certain changed conditions is ongoing. It is expected that much or all of the potential LDs will be offset by such additional efforts and related schedule.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- The Contractor is performing an additional extra work task to clean and provide protective cementitious coating on specific areas in the NESPS that have experienced additional severe corrosion and deterioration. This task will require up to 1.5 weeks, which will slightly extend the schedule for final completion.
- Work is complete on the end-taper segments of the lining. Substantial completion of the A, project, including access structure, is anticipated for mid-March, 2024. Landscape restoration to be completed as weather permits. The Outer Drive Access Shaft work is complete with fence and concrete barriers removed. The site was opened to traffic on February 21, 2024.
- Geotechnical monitoring of construction activities at the access shaft location indicates continuing stable conditions, and final readings have been taken.



Preparing for pavement replacement



Finishing pavement replacement



Replacing concrete jersey barrier with traffic cones and Type IIIs



Application of shotcrete to RockHard transition section



Restoration of Outer Drive median



Armoring the transition of the discharge chamber

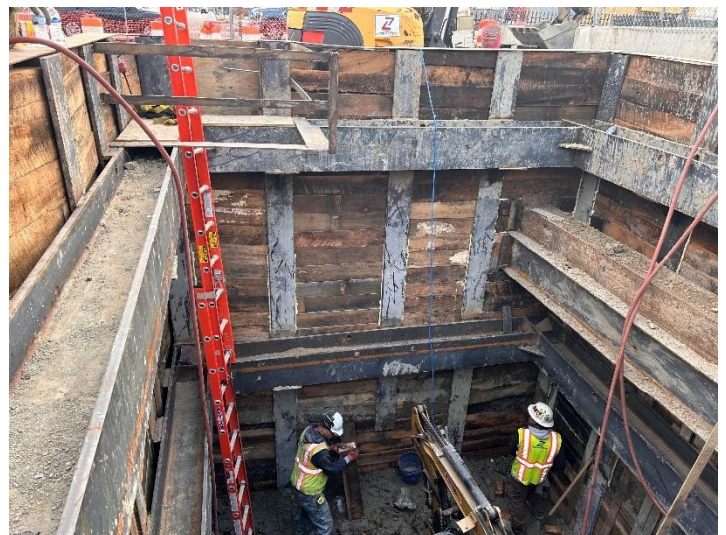
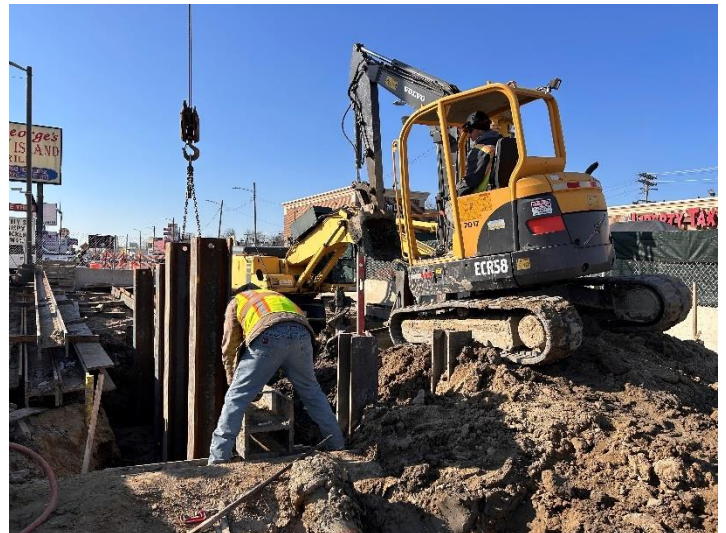
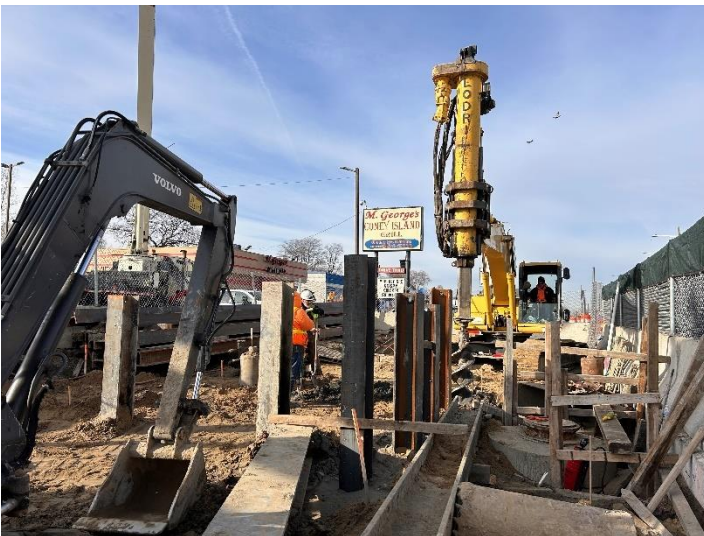
Contract 2A (PCI-18/19 Rehab): In Construction

- **Amt Invoiced:** \$3,637,376.94 out of \$9,488,650.00 (construction, Contract 2A only) representing 38.3 % complete. The seventh Application for Payment for work performed by the contractor (\$1,402,882.27) is under review by the Project Team.

Schedule Status: Contract 2A: Approximately 90 + days behind as a result of permit and watermain relocation issues; this time will be adjusted with the Contractor, with no currently anticipated increase in construction budget.

Contract 2 (PCI -18/19 Rehabilitation) Design Status:

- Traffic control equipment is in place including signal, lane closure, and signage revisions.
- Work on access shaft construction at the Seven Mile Shaft continues, with excavation and TERS bracing near complete, and removal of portions of the existing 8' diameter adit sewer in progress.
- Work at the PC-663 structure has included the removal of the existing stop gate (to be replaced with new) and minor concrete work within the chamber.
- Restoration of the Seven Mile DWSD watermain is complete and the main has been returned to service.



Progress on Temporary Earth Retention System

The **draft** line item schedule and budgets for OMID NIEA Contracts 1 and 2 are summarized:

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Lining Study Final Report	\$126,744		10/30/2019
90%, 100% Design Package			3/20/2020 and 4/28/2020 (Contract 1) 4/16/2021 and 10/1/22 (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) 11/4/22 (Contract 2)
Bid Opening			9/30/2020 (Contract 1) 3/1/23(Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 6/20/23 and 7/1/23 (Contract 2)
Subtotal - Design	\$2,400,570		
Substantial Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, projected SC at 1/24; FC 2/24 Contract 2A& B, est. 10/28/24 and 6/25/25.

NESPS Pump and Electrical Upgrades Project

Budget Status: The total construction amount invoiced as of November 30, 2023, is \$ 41,179,252.95 out of \$49,958,690.86 (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 82.4% of the Pump & Electrical Upgrades Project, with additional change order additions equalizing the regular work completion values.

Schedule Status: Work is currently delayed by issues related to performance testing at Pump #1 and #3. The Contractor is working on an enhanced schedule to make up time but there is currently an estimated delay of 18 months, which may not be fully made-up.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pump #1 and #3 and Motor have been installed, with in-place testing in progress. Both pumps are approved for provisional use but are operating below design capacity. Physical model testing at Clemson University is ongoing to further evaluate the cause and resolution of this issue.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, and wiring in the existing NESPS building is approaching substantial completion.
- The original pump # 5 has been removed from the Station as well as the original discharge piping system. The embedded portion of the discharge piping will remain and has received an interior coating of a carbon fiber (“Quakewrap”) liner. The installation of the new Pump 5 discharge piping is now underway.
- The new concrete support foundations for Pump # 5 are complete, and installation of the pump is scheduled for March 20, 2024 with drive shaft and intermediate bearings to follow.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager has filed a claim on the OCIP Builder’s Risk insurance coverage for this event. The first payment on the BR claim has been received by OMID and disbursement protocols are underway.
- Schedule adjustments are currently under discussion. The Contractor has revised the sequence of rehabilitation for the existing Pump Knife Gate Valves: KG#1, #2, and #5 have been re-

installed after rehabilitation. KG #6 will be replaced with a new valve rather than refurbishing the original to realize schedule improvements and likely cost savings.

- Work on the alternate discharge piping installation for the Dewatering Pump is complete.
- Work on removal and replacement of the site concrete paving is now complete with Phase 1 and Phase II of the layout completed. A review of the final Phase III site paving is now underway preparing for Spring construction with final Phase III drawings ready for Contractor quotations.

The **draft** line item schedule and budget are summarized:

Work Item/ Milestone		Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
7	MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8	90% Design Submittal			6/30/20
9	Final Package Development			8/14/2020
	Subtotal	\$3,826,000		
10	Substantial Completion	\$2,500,000 (est.)	\$49,380,000	5/30/2024 (late)
11	Final Completion		\$49,380,000	8/23/2024 (late)



Construction of Pump #5 concrete footing



Concrete placement for Pump #5 footing



Assembly of Pump #5 pedestal reinforcement



New magnetic flow meter at Pump #5



Installing 90° elbow at Pump #5



Pump 5 component



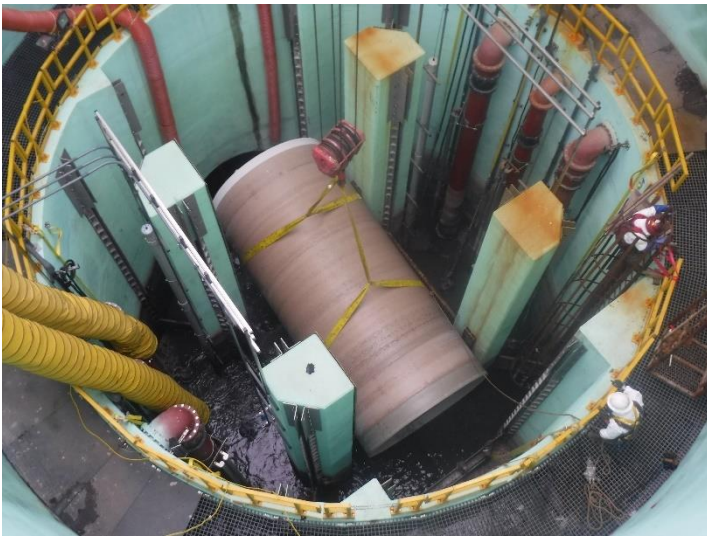
Preparing to pour the DEVCON gasket for the Pump #5 suction spool

OMID Improvements at CS-6 Site (lining btwn CS-12 & CS-4)

Slip lining with Hobas and grouting of the annular space upstream of the OMID section has begun. At the time of reporting, approximately 740 feet of liner have been placed, a total of 38 pipe sections. Approximately 450 feet have been grouted to the springline in the first of two lifts. OMID section expected to be lined mid summer.



Positioning pipe carrier for lining operations



Placing Hobas pipe section into CS-12

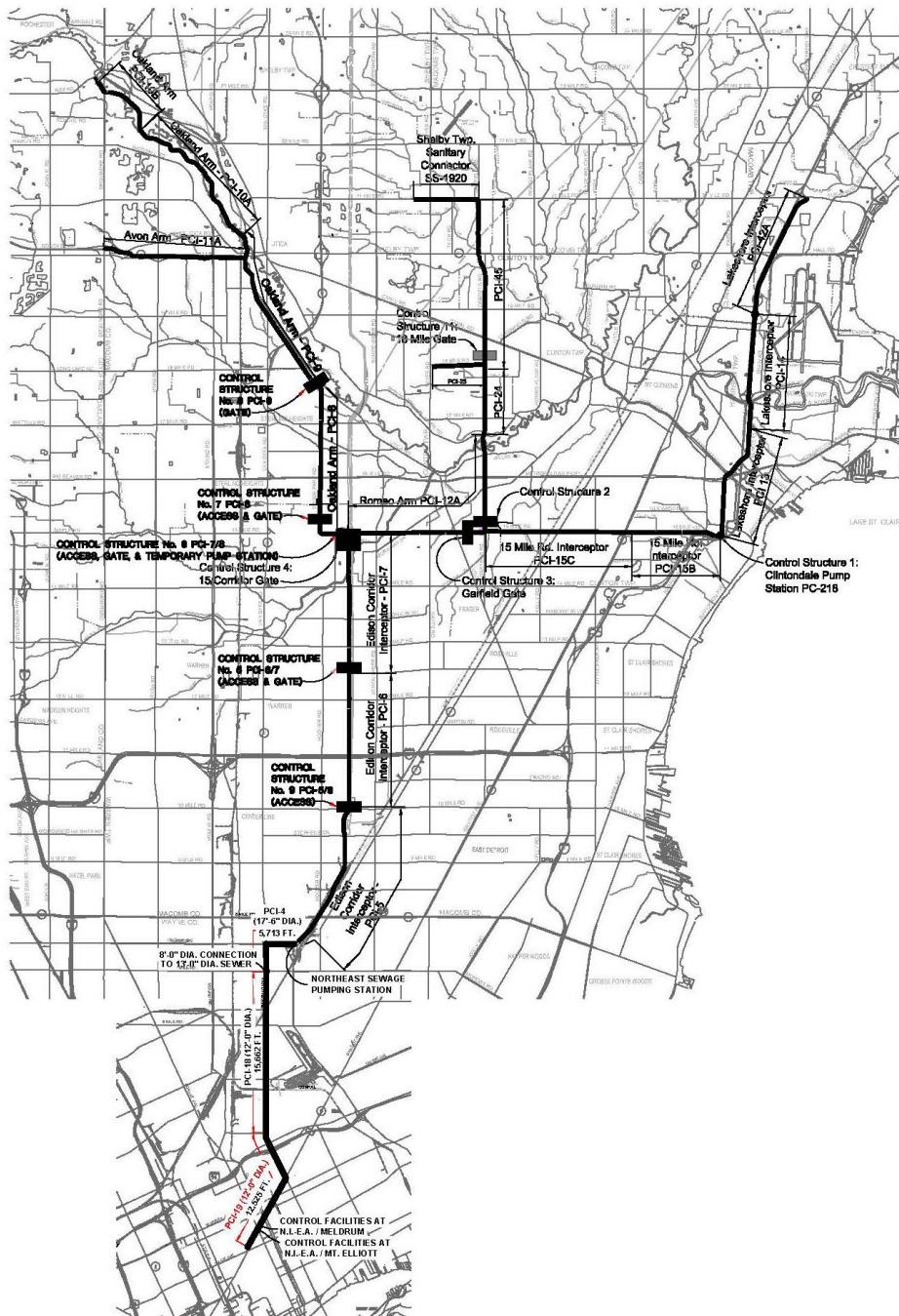


In pipe during lining operations

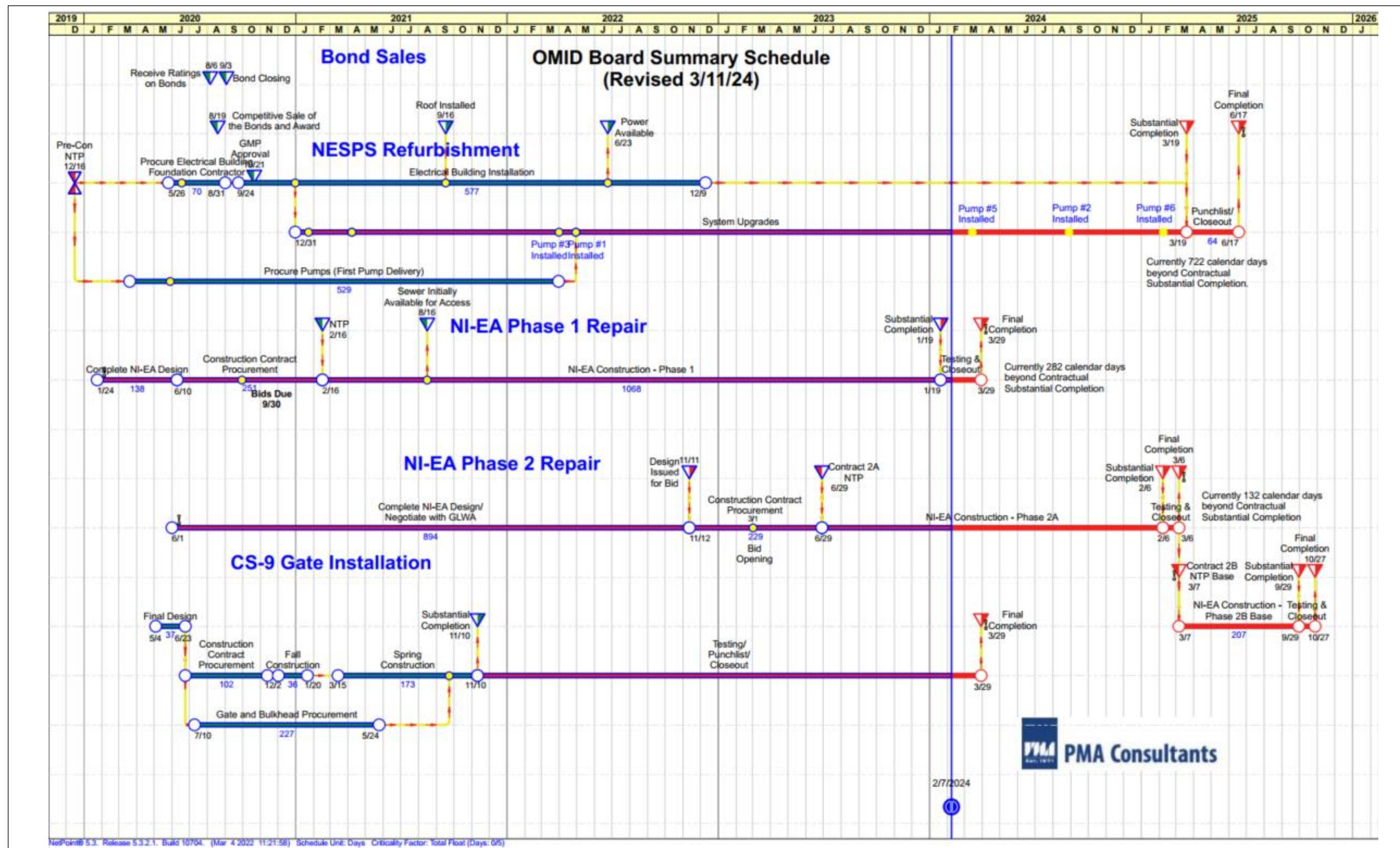
Summary of OMID Design and Construction Status:

Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3-2E (Gatehouse)	IWPC (Weiss)	Y	Y	Y	Y	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	Y	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	Y	Y	Y	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/Y	Y/Y/N	Y/Y/N	Y/Y/N	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	Y	Y	N	N	Y
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	Y
N/A	3-year inspection and repairs	Doetsch	Y	Y	Y	Y	N/A
N/A	6-year inspection	Doetsch	Y	N	Y	Y	N/A
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N
N/A	NIEA-OMIDDD Cont 2 (PCI-18/19)	Z Contractors	N	N	N	N	N

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Design	Jacobs	Design Complete; bidding soon
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
Emergency Pumping Plan	ASI/NTH/FKE	Draft Plan to be modified following ITC bypass pumping modifications
Control Structure Upgrades	ASI	Design Complete; bidding soon



Overview of OMID System in Oakland, Macomb, and Wayne County



OMID Project Schedule Summary

MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2024												2025												MID/OMID Control Devices Required to Store Flow												Concurrent Work Notes
					M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12	CS-13	CPS	PC663 Gate		
Segment 6 Lining	15 Mile upstream of Garfield (15 Mile Interceptor)	MID	FKE	Ric-Man																						-	-	-	-	-	-	-	-	-	Y	Y	-	Flow control on pause but upcoming. May work concurrent with Segment 5 or NIEA rehabilitation. Schedule is estimated.			
	15 Mile upstream of Garfield & between CS-2/CS-3 (Romeo Arm)	MID	FKE	Ric-Man	/	/	/	/																		Y	Y	N	-	-	-	-	-	H	Y	Y	-	May work concurrent with Segment 5 or NIEA rehabilitation. Flow control conditions at the CS gates is similar with the exception of utilizing CS-2. Schedule is estimated.			
Segment 5 Lining*	15 Mile between ITC Corridor & Eberlein	MID	FKE	ORC	/	/	/	/	/	/																-	Y	N	Y	-	Y	Y	-	Y	-	H	-	If work is concurrent with NIEA rehabilitation; CS-9 is required. Flow control dates may change depending on sediment removal means and methods.			
NIEA Rehabilitation (Downstream of NESPS)	PCI-4 Shaft & Lining (Contract 1)	OMID	NTH	MARRA																						-	Y	N	Y	-	Y	Y	Y	-	-	H	-	If work is concurrent with Segments 5 & 6 Lining; CS-9 is required. Mainly Site restoration work remaining.			
	PCI-18/19 Flow Control Structures (Contract 2A)	OMID	NTH	Z Contractors	/	/	/	/	/	/	/	/	/	/													-	Y	N	Y	-	Y	Y	Y	-	-	H	-	Shaft construction. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.		
	PCI-18/19 Spot Repairs and Linings (Contract 2B)	OMID	NTH	Z Contractors									/	/	/	/	/	/	/	/	/	/	/	/	/		-	-	-	-	-	-	-	-	-	-	Y	PC-663 Gate closure will divert flow to 7 Mile Relief Sewer. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief. NESPS should operate normally to pass DWF rates. (10/2024 to 5/2025)			
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	Walsh																						-	Y	-	Y	-	Y	Y	Y	-	-	H	-	Will require brief flow control for pump installation, gate installation, and electrical work.			
DB-226 DRI Repairs (Reach 2A - 3B)	GLWA - DRI	GLWA	FKE	Jay Dee																						-	-	-	-	-	-	-	-	-	-	-	-	Can be effected by flows rerouted from the NIEA to the DRI. Project status changes in late 2024 following completion of Reach 3B after which flow control for NIEA C2B is not impacted..			
Rigid Seal Study	NESPS Discharge Chamber	OMID	NTH	TBD	/																					-	Y	Y	Y	-	Y	Y	Y	n/a	-	H	-	Schedule to be confirmed. Reuires 2-3 Days			
Inspection and Repair of Discharge Chamber Riser	NESPS Discharge Chamber	OMID	NTH	TBD	/																					-	Y	Y	Y	-	Y	Y	Y	n/a	-	H	-	Schedule to be confirmed.			
Flow Control Structure Rehabilitation	CS-5, CS-6, CS-7, CS-8	OMID	ASI	TBD																						N	N	-	-	-	-	-	N	N	-	N	-	Work will take CS Structures out of Service during Gate and Operator modifications.			
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	NTH	Doetsch																						-	-	-	-	-	-	-	-	-	-	-	-	Work time and schedule TBD at this time.			
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a																						-	-	-	-	-	-	-	-	-	-	-	-	Diversion to PSPS is 10 MGD. Scheduled shut down of PSPS TBD for yearly maintence; no flow diversion to Pontiac WWTP (CRWRRF) during this time. Will significantly impact storage capabilities on the Oakland Arm CS gates.			

Table updated on 3/1/2024. Estimates to be updated as necessary.

* Flow control will be required for sewer cleaning, cschedule on-going. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section.
* Flow control will be required for sewer lining (Schedule TBD). Flow control CS requirements are defined in the "Control Devices Required to Store Flow" section.
PSPS and ELPS operations can significantly impact storage times upstream of CS-6, 7 & 8 and subsequently downstream control structures. Coordination & alerting for ELPS, PSPS, WRC Meters 1222/1223 & 1000 required.

Y = Required to store
N = Required to not store
H = Helpful to extend work times. *If available when not required for concurrent work.*
- = Irrelevant

 Estimated Project Window
 Flow Control Required
 Flow Control May Be Required

Summary of OMID Flow Control Requirements for Ongoing and Future Projects

Agenda Item No. 11

**Financial Reports – General Financial Report and
Status of State Revolving Fund Financing and
Other Financing**

YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 5, 2024		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	2,145,765.97	5,232,903.30	12,152,463.38	19,531,132.65
104100	Accrued Interest on Investment	(167,703.74)			(167,703.74)
143100	PrepaidExpenses			353,432.56	353,432.56
	ASSETS	1,978,062.23	5,232,903.30	12,505,895.94	19,716,861.47
201210	Vouchers Payable AP Cont		(357,568.68)	(55,569.00)	(413,137.68)
222300	Unearned Revenues	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
	LIABILITIES	576,414.65	(1,384,384.00)	(2,947,889.31)	(3,755,858.66)
655000	Income From Investments	(702,392.88)			(702,392.88)
	REVENUES	(702,392.88)	0.00	0.00	(702,392.88)
730000	Contractual Services		1,341,145.30	953,607.31	2,294,752.61
770000	Internal Support Expenditures		27,211.46	39,744.93	66,956.39
	EXPENSES	0.00	1,368,356.76	993,352.24	2,361,709.00
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	45,436,349.00	(5,216,876.06)	(10,551,358.87)	29,668,114.07
	Fund Balance	(1,852,084.00)	(5,216,876.06)	(10,551,358.87)	(17,620,318.93)
		0.00	0.00	0.00	(0.00)

Cash as of 02/29/2024 \$ 19,531,132.65

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (141,360.00)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (196,887.57)

Total Net Cash Balance \$ 19,192,885.08

OCM Project Work In Progress						
Company	Oakland County					
Projects and Project Hierarchies	PRJ-13308 OMID NI-EA CONSTRUCTION					
Budget Structure	Project Task					
Period	FY2024 - Feb					

Project	Final Budget	Actuals MTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	28,395,600.00	363,947.43	1,368,356.76	1,368,356.76	23,527,008.80	4,868,591.20
1 > Administration	584,000.00	0.00	0.00	0.00	175,749.40	408,250.60
1 > Contingency	2,581,000.00	0.00	0.00	0.00	0.00	2,581,000.00
1 > Engineering	478,000.00	6,378.75	25,083.89	25,083.89	235,876.51	242,123.49
1 > Engineering Consultants	4,913,000.00	34,963.68	271,998.05	271,998.05	5,687,046.81	(774,046.81)
1 > Facility Acquisition	17,983,600.00	322,605.00	1,079,147.25	1,079,147.25	16,908,123.29	1,075,476.71
1 > Inspection	260,000.00	0.00	0.00	0.00	0.00	260,000.00
1 > Legal and Financial	1,259,000.00	0.00	(10,000.00)	(10,000.00)	237,060.59	1,021,939.41
1 > Right of Way	265,000.00	0.00	2,127.57	2,127.57	83,986.86	181,013.14
1 > STANDARD	40,000.00	0.00	0.00	0.00	199,165.34	(159,165.34)
1 > Survey	32,000.00	0.00	0.00	0.00	0.00	32,000.00
Project Revenues	0.00	0.00	0.00	0.00	27,375,528.10	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	5,403,685.03	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	21,965,099.65	
RC698200 - Insurance Recoveries	0.00	0.00	0.00	0.00	6,743.42	
Revenue Over/ (Under) Expenses					3,848,519.30	

OCM Project Work In Progress	
Company	Oakland County
Projects and Project Hierarchies	PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure	Project Task
Period	FY2024 - Feb

Project	Final Budget	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	54,086,000.00	143,644.35	0.00	55,050.00	993,352.24	1,048,402.24	41,635,673.06	12,450,326.94
1 > Administration	620,000.00	0.00	0.00	0.00	38.91	38.91	44,457.97	575,542.03
1 > Contingency	4,917,000.00	0.00	0.00	0.00	0.00	0.00	0.00	4,917,000.00
1 > Engineering	446,000.00	4,541.87	0.00	0.00	22,648.43	22,648.43	304,130.12	141,869.88
1 > Engineering Consultants	3,987,000.00	519.00	0.00	0.00	200,933.85	200,933.85	3,481,523.28	505,476.72
1 > Facility Acquisition	40,857,000.00	97,308.81	0.00	0.00	698,268.49	698,268.49	36,089,388.91	4,767,611.09
1 > Inspection	285,000.00	1,979.52	0.00	0.00	17,096.50	17,096.50	406,772.39	(121,772.39)
1 > Legal and Financial	2,417,000.00	18,648.91	0.00	0.00	90,129.82	90,129.82	341,480.31	2,075,519.69
1 > Right of Way	393,000.00	0.00	0.00	0.00	0.00	0.00	0.00	393,000.00
1 > STANDARD	130,000.00	20,646.24	0.00	55,050.00	(35,763.76)	19,286.24	965,769.77	(835,769.77)
1 > Survey	34,000.00	0.00	0.00	0.00	0.00	0.00	2,150.31	31,849.69
Project Revenues	0.00	0.00	0.00	0.00	0.00	0.00	51,193,679.69	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	0.00	0.00	9,356,057.68	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	0.00	0.00	41,837,622.01	
Revenue Over/ (Under) Expenses							9,558,006.63	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17384 OMIDDD
Budget Structure Project Task
Period FY2024 - Feb

Project	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	0.00	0.00	23,980.00	124,622.50
1 > Administration	0.00	0.00	0.00	124,622.50
1 > Legal and Financial	0.00	0.00	23,980.00	0.00
1 > STANDARD	0.00	0.00	0.00	0.00
Project Revenues	20,779.00	470,021.59	(470,021.59)	213,396.39
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00
RC655077 - Accrued Interest Adjustments	0.00	0.00	0.00	(4,894.64)
RC655385 - Income from Investments	20,779.00	88,773.89	(88,773.89)	108,219.29
RC655462 - Increase Market Value Investment	0.00	381,247.70	(381,247.70)	0.00
RC697219 - Premiums on Bonds Sold	0.00	0.00	0.00	0.00
RC697551 - Issuance of Bonds	0.00	0.00	0.00	110,071.74
Revenue Over/ (Under) Expenses				88,773.89

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 5, 2024		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	93,668.53	13,160,895.99	13,254,564.52
104100	Accrued Interest on Investment	(4,894.64)		(4,894.64)
	ASSETS	88,773.89	13,160,895.99	13,249,669.88
201210	Vouchers Payable AP Cont		(178,172.26)	(178,172.26)
222300	Unearned Revenues		(9,369,228.15)	(9,369,228.15)
	LIABILITIES	0.00	(9,547,400.41)	(9,547,400.41)
655000	Income From Investments	(470,021.59)		(470,021.59)
	REVENUES	(470,021.59)	0.00	(470,021.59)
730000	Contractual Services		2,067,533.07	2,067,533.07
	EXPENSES	0.00	2,067,533.07	2,067,533.07
382100	FB Committed for Capital Proj	381,247.70	(5,681,028.65)	(5,299,780.95)
	Fund Balance	381,247.70	(5,681,028.65)	(5,299,780.95)
		0.00	(0.00)	(0.00)

Cash as of 02/29/2024 \$ 13,254,564.52

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (1,763,632.61)

Total Net Cash Balance \$ 11,490,931.91

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17408 NI-EA C2 PCI 18&19 Rehab
Budget Structure Project Task
Period FY2024 - Feb

Project	Final Budget	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	15,600,000.00	178,172.26	2,067,533.07	2,067,533.07	2,376,525.98	13,223,474.02
1 > Administration	95,287.00	0.00	0.00	0.00	0.00	95,287.00
1 > Contingency	0.00	0.00	0.00	0.00	0.00	0.00
1 > Engineering	235,465.00	0.00	0.00	0.00	0.00	235,465.00
1 > Engineering Consultants	2,089,000.00	103,792.28	334,224.25	334,224.25	397,419.50	1,691,580.50
1 > Facility Acquisition	12,596,000.00	74,379.98	1,624,959.32	1,624,959.32	1,870,756.98	10,725,243.02
1 > Inspection	230,037.00	0.00	0.00	0.00	0.00	230,037.00
1 > Legal and Financial	279,000.00	0.00	0.00	0.00	0.00	279,000.00
1 > Right of Way	42,000.00	0.00	0.00	0.00	0.00	42,000.00
1 > STANDARD	15,796.00	0.00	108,349.50	108,349.50	108,349.50	(92,553.50)
1 > Survey	17,415.00	0.00	0.00	0.00	0.00	17,415.00
Project Revenues	0.00	0.00	0.00	0.00	5,990,021.56	
RC605572 - Special	0.00	0.00	0.00	0.00	193,214.85	
RC697219 - Premiums on Bonds	0.00	0.00	0.00	0.00	176,878.45	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	5,619,928.26	
Revenue Over/ (Under) Expenses					3,613,495.58	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13252 OMID Segment 5
Budget Structure Project Task
Period FY2024 - Feb

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	0.00	0.00	0.00	0.00	0.00	757,136.57
1 > Administration	0.00	0.00	0.00	0.00	0.00	242,201.57
SC730177 - Bond Issuing Cost	0.00	0.00	0.00	0.00	0.00	242,201.57
1 > Legal and Financial	0.00	0.00	0.00	0.00	0.00	514,935.00
SC730177 - Bond Issuing Cost	0.00	0.00	0.00	0.00	0.00	514,935.00
1 > STANDARD	0.00	0.00	0.00	0.00	0.00	0.00
(Blank)	0.00	0.00	0.00	0.00	0.00	0.00
Project Revenues	30,523.17	0.00	0.00	702,392.88	(702,392.88)	3,311,613.45
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	0.00	894,060.05
RC655077 - Accrued Interest Adjustments	0.00	0.00	0.00	0.00	0.00	(80,979.70)
RC655385 - Income from Investments	30,523.17	0.00	0.00	130,494.59	(130,494.59)	1,412,445.77
RC655462 - Increase Market Value Investment	0.00	0.00	0.00	571,898.29	(571,898.29)	1,084.24
RC670513 - Prior Years Revenue	0.00	0.00	0.00	0.00	0.00	0.00
RC697219 - Premiums on Bonds Sold	0.00	0.00	0.00	0.00	0.00	7,672,724.75
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	0.00	(6,587,721.66)
Revenue Over/ (Under) Expenses						2,554,476.88

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: February 29, 2024

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,584,861.91	3,000,000.00	3,287,774.84	8,804,935.51		18,677,572.26
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					2,554,476.88	
	- Project 1-3308 NI - EA Construction					3,848,519.30	
	- Project 1-3309 NESPS Construction					<u>9,558,006.63</u>	<u>15,961,002.81</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					88,773.89	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>3,613,495.58</u>	
							3,702,269.47
Total Equity in Maintenance and Construction Funds							<u><u>34,638,575.07</u></u>

NOTE: This report presents pre-closing figures and as such are subject to change

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMIDD Meeting Date 03/20/2024

		84917	84917	84918	82912	
		1-3308	1-3309	1-7408		
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>NIEA Contract #2 Construction</u>	<u>Operations & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor (01/27/2024 - 02/23/2024)	6,230.24	6,332.41			12,562.65
Oakland County *	WRC Equipment (01/27/2024 - 02/23/2024)	148.51	188.98			337.49
Clark Hill PLC	Invoice # 1402227 Matter 463149 Walsh Construction Svs Through 1/31/2024		4,513.50			\$4,513.50
CSM Mechanical, LLC	Invoice # 2799 - Discharger Chamber PLC Repair 2/6/24				2,795.10	2,795.10
CSM Mechanical, LLC	Invoice # 2856 - VDF vault sump pumps 2/12/24				916.11	916.11
CSM Mechanical, LLC	Invoice # 2932 -Green Building Alarm Testing 2/27/24				1,122.00	1,122.00
D'Angelo Brothers Inc.	Invoice # 8593 - NESPS Invoice Date 11/4/2022				\$651.00	651.00
Kennedy Industries	Invoice # 638426 - NEPS Pump 3 Field Service 9/13/2023				448.50	448.50
Lardner Elevator Company	Invoice # 199973 - Repairs and Testing				772.00	772.00
Lardner Elevator Company	Invoice # 200132 - Elevator Maintenance January 2024				204.00	204.00
Lardner Elevator Company	Invoice # 200464 - Elevator Maintenance February 2024				204.00	204.00
METCO Consulting Engineers	Invoice # 1811-62 01/29/2024 Through 03/03/2024				135,362.90	135,362.90
NTH Consultants	Invoice # 635293 (D-425 & D-457) Engineering Services 12/23/2023 - 02/23/2024			123,953.67		123,953.67
NTH Consultants	Invoice # 635285 (D-421 & D-462) Engineering Services 1/27/2024 - 02/23/2024		1,461.17			1,461.17
NTH Consultants	Invoice # 635287 Rehab Close-Out & NESPS Maintenanc Tasks 1/27/2024 - 02/23/2024				1,058.00	1,058.00
NTH Consultants	Invoice # 635284 (D-458 & D-463) Engineering Services 1/27/2024 - 02/23/2024			80,920.87		80,920.87
PM Technologies	Invoice # 86001889 NESPS Generator 1 Inspection 02/7/2023				350.00	350.00
PM Technologies	Invoice # 86005395 NESPS Generator 3 Inspection 02/27/2024				350.00	350.00
Marra Services	Construction Estimate # 36 NI-EA PCI 4 rehabilitation	141,360.00				141,360.00
Walsh Construction	Construction Estimate # 41 NESPS Pump & Electircal Upgrades Project		190,912.90			190,912.90
Z Contractors	Construction Estimate # 7 NI-EA contract #2A and 2B - PCI 18 and 19			1,558,758.07		1,558,758.07
Total Invoices/Reimbursements for Approval		147,738.75	203,408.96	1,763,632.61	144,233.61	2,259,013.93
* Less WRC Charges already paid from OMI Fund		(6,378.75)	(6,521.39)	0.00		(12,900.14)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		141,360.00	196,887.57	1,763,632.61	144,233.61	2,246,113.79

Agenda Item No. 12

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 01/27/2024 - 02/23/2024									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	2/3/2024	1/19/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/25/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/22/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/19/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/18/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/17/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/16/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/12/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/11/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/9/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/8/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/4/2024	BROWN, JOEL	4.00	\$561.44	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/2/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		\$3,789.72				
1131289	2/14/2024	1/31/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	1/31/2024	1/22/2024	PUSCAS, JACK J	2.50	\$216.95	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	2/14/2024	2/5/2024	PUSCAS, JACK J	3.00	\$260.34	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	1/31/2024	1/16/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$650.85				
1050210	2/6/2024	2/8/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	2/6/2024	2/6/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	2/6/2024	2/1/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	2/6/2024	1/30/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$1,891.84				
			Grand Total		\$6,332.41				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 01/27/2024 - 02/23/2024									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	2/3/2024	1/2/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/2/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/2/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/4/2024	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/4/2024	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/4/2024	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/8/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/8/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/8/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/9/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/9/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/9/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/11/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/11/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/11/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/12/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/12/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/12/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/16/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/16/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/16/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/17/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/17/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/17/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/18/2024	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/18/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/18/2024	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/19/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/19/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	2/3/2024	1/19/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		\$80.75				
1131289	1/31/2024	1/16/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	1/31/2024	1/16/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/14/2024	2/5/2024	PUSCAS, JACK J	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/14/2024	2/5/2024	PUSCAS, JACK J	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	1/31/2024	1/22/2024	PUSCAS, JACK J	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	1/31/2024	1/22/2024	PUSCAS, JACK J	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/14/2024	1/31/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/14/2024	1/31/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$20.55				
1050210	2/6/2024	1/30/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	2/6/2024	1/30/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	2/6/2024	2/1/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	2/6/2024	2/1/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	2/6/2024	2/6/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	2/6/2024	2/6/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	2/6/2024	2/8/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	2/6/2024	2/8/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$87.68				
			Grand Total		\$188.98				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/30/2023 - 01/26/2024									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	2/3/2024	1/22/2024	BROWN, JOEL	2.50	350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/25/2024	BROWN, JOEL	2.00	280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/23/2024	BROWN, JOEL	1.00	140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/18/2024	BROWN, JOEL	1.50	210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/17/2024	BROWN, JOEL	1.50	210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/12/2024	BROWN, JOEL	1.50	210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/11/2024	BROWN, JOEL	2.00	280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/9/2024	BROWN, JOEL	3.00	421.08	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/8/2024	BROWN, JOEL	2.50	350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/4/2024	BROWN, JOEL	2.00	280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/2/2024	BROWN, JOEL	2.50	350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		3,368.64				
1208707	2/15/2024	2/2/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/1/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/15/2024	1/31/2024	COOK, JENNIFER	2.00	214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/15/2024	1/30/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/26/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/23/2024	COOK, JENNIFER	2.00	214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/22/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/19/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/6/2024	COOK, JENNIFER	4.00	429.36	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/5/2024	COOK, JENNIFER	2.00	214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/18/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/17/2024	COOK, JENNIFER	3.00	322.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/16/2024	COOK, JENNIFER	1.00	107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		2,254.14				
1131284	2/14/2024	2/6/2024	PUSCAS, JACK J	2.00	173.56	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	2/14/2024	1/30/2024	PUSCAS, JACK J	2.00	173.56	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	1/31/2024	1/23/2024	PUSCAS, JACK J	1.00	86.78	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	1/31/2024	1/16/2024	PUSCAS, JACK J	2.00	173.56	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		607.46				
			Grand Total		6,230.24				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 01/27/2024 - 02/23/2024									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	2/3/2024	1/2/2024	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/4/2024	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/8/2024	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/9/2024	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/11/2024	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/12/2024	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/17/2024	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/18/2024	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/23/2024	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/25/2024	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/22/2024	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/2/2024	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/4/2024	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/8/2024	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/9/2024	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/11/2024	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/12/2024	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/17/2024	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/18/2024	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/23/2024	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/25/2024	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/22/2024	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/2/2024	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/4/2024	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/8/2024	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/9/2024	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/11/2024	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/12/2024	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/17/2024	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/18/2024	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/23/2024	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/25/2024	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/16/2024	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/3/2024	1/22/2024	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		71.79				
1208707	1/31/2024	1/16/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/17/2024	COOK, JENNIFER	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/18/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/5/2024	COOK, JENNIFER	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/6/2024	COOK, JENNIFER	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/19/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/22/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/23/2024	COOK, JENNIFER	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/26/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/15/2024	1/30/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/15/2024	1/31/2024	COOK, JENNIFER	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/1/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/2/2024	COOK, JENNIFER	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/16/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/17/2024	COOK, JENNIFER	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/18/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/5/2024	COOK, JENNIFER	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/6/2024	COOK, JENNIFER	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/19/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/22/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/23/2024	COOK, JENNIFER	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/31/2024	1/26/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/15/2024	1/30/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/15/2024	1/31/2024	COOK, JENNIFER	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/1/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/15/2024	2/2/2024	COOK, JENNIFER	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		57.54				
1131284	1/31/2024	1/16/2024	PUSCAS, JACK J	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	1/31/2024	1/23/2024	PUSCAS, JACK J	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	2/14/2024	1/30/2024	PUSCAS, JACK J	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	2/14/2024	2/6/2024	PUSCAS, JACK J	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	1/31/2024	1/16/2024	PUSCAS, JACK J	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING

1131284	1/31/2024	1/23/2024	PUSCAS, JACK J	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	2/14/2024	1/30/2024	PUSCAS, JACK J	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	2/14/2024	2/6/2024	PUSCAS, JACK J	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		19.18				
			Grand Total		148.51				



Oakland County Water Resources Commissioner, MI
Attn: Megan Koss, Esq.
One Public Works Drive
Waterford, MI 48328-1907
WRCinvoices@oakgov.com

Invoice: 1402227
Date: 02/09/2024
Client: 30164
Matter: 463149

**6010101-84917-149015-731073-1-3309- LEGAL - Ch. 21
5113-v#2788**

Matter Name: Construction Dispute - Walsh Construction

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JANUARY 31, 2024

Total Fees:	\$	4,513.50
Total Due This Invoice:	\$	4,513.50

MK 2/21/24



1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

OMIDD
One Public Works Drive, Building 95 West
Waterford, MI 48328 US

**82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348**

Invoice 2831

Feb 6, 2024

Job Number 1488
PO Number 01094
Payment Terms Net 30

Total Due

\$2,795.10

Due Date

Mar 7, 2024

CUSTOMER NAME

OMIDD

PROPERTY NAME

OMID Detroit

PROPERTY ADDRESS

100010 East State Fair Avenue
Detroit, MI 48203

AUTHORIZED BY

CUSTOMER WO

NTE

Invoice Summary

Discharger Chamber PLC Repair

MSA Panel PM Service \$2341.00 ✓
Subcontract Mark Up \$ 234.10 ✓
2 Hours Labor \$ 220.00 ✓

Total \$2795.10

TM-2-19-24

Item Name	Description	Quantity	Unit Price	Price Subtotal
Quoted Job	Quoted Job	1	\$2,795.10	\$2,795.10
		1		\$2,795.10

Subtotal	\$2,795.10
Taxable Subtotal	\$0.00
Sales Tax Rate	0%
Tax Amount	\$0.00
Total	\$2,795.10 ✓



1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

OMIDD
One Public Works Drive, Building 95 West
Waterford, MI 48328 US

**82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348**

Invoice 2856

Feb 12, 2024

Job Number 1657
PO Number 01137
Payment Terms Net 30

Total Due

\$916.11

Due Date

Mar 13, 2024

CUSTOMER NAME

OMIDD

PROPERTY NAME

OMIDD

PROPERTY ADDRESS

OMIDD, 11001 E. State Fair St.
Detroit, MI 99999

AUTHORIZED BY

CUSTOMER WO

01137

NTE

Invoice Summary

Scope of Work:

- Replaced two sump pumps in the VFD vault as per the customer's request.

Resolution:

- The existing sump pumps in the VFD vault were replaced with Zoeller sump pumps to address the failure of the previous pumps.

Item Name	Description	Quantity	Unit Price	Price Subtotal
Labor	Tyler Fields - January 26, 2024 - Labor	2.5	\$111.00	\$277.50
Labor	Wayne Fields - January 26, 2024 - Labor	2.5	\$111.00	\$277.50
Material	Material - Great Stuff gaps and Cracks	1	\$21.36	\$21.36 ✓
Material	Material - Sump Pumps, Couplings, PVC Male Adapter, Bushings	1	\$254.75	\$254.75
Vehicle / Tool Allowance	Vehicle / Tool Allowance ✓	1	\$85.00	\$85.00 ✓
		<u>8</u>		<u>\$916.11</u>

TM-2-26-24

Subtotal	\$916.11
Taxable Subtotal	\$276.11
Sales Tax Rate	0%
Tax Amount	\$0.00
Total	\$916.11



WO 1132

1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

OMIDD
One Public Works Drive, Building 95 West
Waterford, MI 48328 US

82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348

Invoice 2932

Feb 27, 2024

Job Number

1780

Payment Terms

Net 30

Total Due

\$1,122.00

Due Date

Mar 28, 2024

CUSTOMER NAME
OMIDD

PROPERTY NAME
OMIDD

PROPERTY ADDRESS
OMIDD, 11001 E. State Fair St.
Detroit, MI 99999

AUTHORIZED BY

CUSTOMER WO

NTE

Invoice Summary

Green Building Automation to come and assist Norm Mahfood (MSA)

Green Building Invoice = \$1020.00
CSM Markup. = \$ 102.00

Total = \$1122.00

Item Name

Description

Subcontract

OMIDD Service on 1/17/24; Description: Worked with Motor City, Metco, and MSA rep. to calibrate and test gas detection alarms and operation. Made set point changes to alarm enable program. Removed the Odor Control fans from full building alarm(monito...

TRUCK CHARGE

\$1,122.00

TM-2-25-24

Subtotal	\$1,122.00
Taxable Subtotal	\$0.00
Sales Tax Rate	0%
Tax Amount	\$0.00
Total	\$1,122.00



Invoice # 8593

11/4/22

30836 W 8 Mile Rd

Farmington Hills, MI 48336

82912-149090-730660-WDCON8788 - Exp 3/1/25
VID#763

TO: Joel Brown

ATTN:

State St Pump Station

DESCRIPTION OF WORK COMPLETED	Qty.	Unit	Hrs.	Rate	Total Per Line
11/04/2022/22. Emergency Sand Delivery					
Dump Truck >15 cy Reg Time	1	HR	2.5	\$ 90.00	\$ 225.00
Labor, Regular Time	1	HR	2.5	\$ 48.00	\$ 120.00
Class II Sand	17	Ton	-	\$ 18.00	\$ 306.00
					\$ 651.00
Grand Total					\$ 651.00

Thank you!! Vincent D'Angelo. (248) 515-1942



KENNEDY
INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

W01034

INVOICE		
DATE	NUMBER	PAGE
9/13/2023	638426	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR.
L SUBMIT INVOICES TO NEXGEN
T WATERFORD, MI 48328
O

S NORTH EAST PUMPING STATION
H 11001 E. STATE FAIR AVE
I DETROIT, MI 48234
P
T
O

**82912-6010101-149090-730660-5825-
ch.21- v#239 exp. 6/30/25**

ATTENTION:

TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS	
		0121755	GREAT LAKES WATER AUTHORITY, NEPS, FIELD SERVICE, SANITARY	SAH/CAG	FIELD SERVICE	NET 60	
QUANTITY		DESCRIPTION				UNIT PRICE	EXTENDED
B/O	Ship						

0.00	1.00	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 9/6/2023. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$448.50	\$448.50
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TOTAL REFLECTS THE BELOW:

(3) HOURS OF LABOR
MILEAGE: \$ 66 . 00
FUEL SURCHARGE: \$49.50
REMOVED 324.00 FOR PAST OVERAGE.

TM-2-14-24

PLEASE REMIT TO:
KENNEDY INDUSTRIES, INC.
P.O. BOX 930079
WIXOM, MI 48393

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 6/2023) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website		SUBTOTAL:	\$448.50
*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE		TAX:	\$0.00
		TOTAL:	\$448.50

P.O. Box 930079 Wixom, MI 48393 - 4925 Holtz Drive Wixom, MI 48393 - Phone: 248-684-1200 - Fax: 248-684-6011

www.KennedyInd.com



729 Meldrum, Detroit, MI 48207
Phone: (313) 568-1600 Fax: (313) 568-0488
Email: info@lardnerelevator.com
www.lardnerelevator.com

INVOICE

200132

Bill To:

|||||

Oakland Macomb Interceptor Drain Drainage District
1 Public Works Drive
dbgreen@metcoservices.com
tmoore@metcoservices.com
Waterford, MI 48328

Account: Northeast Pump Station
11001 E. State Fair
Detroit, MI 48234

Account #: 00-6642-2

82912-6010101-149090-730660-Ch. 21

Jan 01, 2024
200132

Upon Receipt

Detroit Route
LECO

4746
Maintenance

		No	Each		
1.00	Elevator Maintenance Service for January, 2024			204.00	\$204.00
Elevator Maintenance Service for January, 2024					
<i>TM-2-19-24</i>					
				\$0.00	
				\$204.00	
				\$204.00	
				\$0.00	
				\$204.00	

Page 1

Rev. 01/15/14

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station

Invoice # 200132

Amount \$ 204.00

Paid

\$



729 Meldrum, Detroit, MI 48207
Phone: (313) 568-1600 Fax: (313) 568-0488

Pay invoices online at www.lardnerelevator.com

INVOICE

200464

Bill To: 
Oakland Macomb Interceptor Drain Drainage District
1 Public Works Drive
dbgreen@metcoservices.com
tmoore@metcoservices.com
Waterford, MI 48328

Account: Northeast Pump Station
11001 E. State Fair
Detroit, MI 48234
Account #: 00-6642-2

82912-6010101-149090-730660-Ch. 21

Feb 01, 2024	Upon Receipt	Detroit Route	4746
200464		LECO	Maintenance

Quantity	Description	Unit	Rate	Amount
1.00	Elevator Maintenance Service for February, 2024	No	Each	204.00
				\$204.00
Elevator Maintenance Service for February, 2024				
<i>TM-2-25-24</i>				\$0.00
				\$204.00
				\$204.00
				\$0.00
				\$204.00

Page 1

Rev. 02/16/2024

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station
Invoice # 200464
Amount \$ 204.00
Paid \$



12835 Stephens Road · Warren · Michigan · 48089 · (586) 920-2620 · Fax (586) 510-4433

INVOICE NO. 1811-62

DATE: March 4, 2024

METCO PROJECT NO. 1811

INVOICE PERIOD: 01/29 THRU 03/03/2024

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Joel Brown, P.E.

Chief Engineer-Construction Projects Unit

TITLE: OMID & NESPS Operation and Maintenance

Operational Plan

OMID Operations - Fund 82912, Program 149130, Account 730373 (3.1-3.4A & 3.4B)

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	46.0	\$ 162.00	\$ 7,452.00
Terry Moore	Operations Manager (Overti	4.0	\$ 204.75	\$ 819.00
Darrin Green	Staff Engineer	48.0	\$ 102.00	\$ 4,896.00
Darrin Green	Staff Engineer-(Overtime)	4.0	\$ 153.00	\$ 612.00
Anthony Vozza	Staff Engineer	72.5	\$ 102.00	\$ 7,395.00
Anthony Vozza	Staff Engineer-(Overtime)	2.0	\$ 153.00	\$ 306.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:				\$ 21,480.00

NEPS Operations - Fund 82912, Program 149090, Account 730373 (3.1-3.4A & 3.4B)

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	48.0	\$ 162.00	\$ 7,776.00
Terry Moore	Operations Manager (Overti	20.0	\$ 204.75	\$ 4,095.00
Darrin Green	Staff Engineer	51.0	\$ 102.00	\$ 5,202.00
Darrin Green	Staff Engineer-(Overtime)	3.0	\$ 153.00	\$ 459.00
Anthony Vozza	Staff Engineer	20.0	\$ 102.00	\$ 2,040.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 77.48	\$ 309.92
Subtotal NEPS Operations				\$ 21,687.92

Subtotal Operations \$ 43,167.92

Maintenance & Asset Management

OMID Maintenance – Fund 82912, Program 149130, Account 730646 (3.2-3.3-3.4C & ALLOWANCE)

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Terry Moore	Operations Manager	48.0	\$ 162.00	\$ 7,776.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Anthony Vozza	Staff Engineer	5.0	\$ 102.00	\$ 510.00
Anthony Vozza	Staff Engineer-(Overtime)	3.0	\$ 153.00	\$ 459.00
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Subtotal OMID Maintenance:				\$ 8,745.00

NEPS Maintenance – Fund 82912, Program 149090, Account 730646 (3.2-3.3-3.4C & ALLOWANCE)

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	48.0	\$ 162.00	\$ 7,776.00
Terry Moore	Operations Manager (Overti	2.0	\$ 204.75	\$ 409.50
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
Sean Grant	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Darrin Green	Staff Engineer	97.0	\$ 102.00	\$ 9,894.00
Darrin Green	Staff Engineer-(Overtime)	3.0	\$ 153.00	\$ 459.00
Anthony Vozza	Staff Engineer	92.5	\$ 102.00	\$ 9,435.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal:				\$ 29,779.50
Maintenance Services (see attached invoices):				\$ 8,149.73
Subtotal NEPS Maintenance:				\$ 37,929.23
Subtotal Maintenance:				\$ 46,674.23

NEXGEN Asset Management Implementation Services – Fund 82912, Program 149090, Account 730646

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	0.0	\$ 162.00	\$ -
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Sean Grant	Sr. Project Engineer	49.0	\$ 152.25	\$ 7,460.25
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Abhishek Shah	Staff Engineer	51.0	\$ 102.00	\$ 5,202.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal Maintenance:				\$ 12,662.25

Task 12.0 - As-Needed Services - VFD Pump 4

Raj Vijayendran, PE	Principal Engineer	68.0	\$ 225.75	\$ 15,351.00
Daniel Martel	Sr. Project Engineer	18.0	\$ 152.25	\$ 2,740.50
Travis Ford	Sr. Project Engineer	24.0	\$ 152.25	\$ 3,654.00
Shailesh Patel, PE	Sr. Project Engineer	4.0	\$ 152.25	\$ 609.00
Brandon Brochue	Designer/Drafter	36.0	\$ 101.00	\$ 3,636.00
Sweta Soni	Designer/Drafter	68.0	\$ 101.00	\$ 6,868.00
Subtotal 12.0:				\$ 32,858.50

Task 12.0 - As-Needed Services - Pump Performance

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Terry Moore	Operations Manager	0.0	\$ 162.00	\$ -
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Subtotal 12.0:				\$ -

TOTAL AMOUNT DUE THIS INVOICE: \$ 135,362.90



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

**84918-149015-730639-PRJ-17408-1- ENG_CONSULT -
WDCCON8173**

OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328

Invoice # : 635284
Project : 23001693
Invoice Group : **
Invoice Date : 3/5/2024

Attention: Jen Cook, P.E.

For Professional Services Rendered from 1/27/2024 - 2/23/2024

Provide Engineering and Consulting Services regarding OMID PCI-18 and PCI-19 Rehabilitation Project CCA; D-458 & D-463

Task 01	Contract 2 CCA Services	\$1,907,063.00
	Preliminary Budget Amount	\$1,907,063.00
	Percent Complete:	25.08%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 15,109.66	\$ 79,193.12
Overhead %	188.00	28,406.16	148,883.07
Total Regular Labor Expense		43,515.82	228,076.19
Total Direct Labor		43,515.82	228,076.19
Profit / Fixed Fee %	12.00	5,221.90	27,369.14
Direct Expenses Charge		660.80	25,465.74
Expense Multiplier %	5.00	33.04	1,273.27
Direct Subcontractor Charge		29,706.90	185,052.84
Subcontractor/Subconsultant Multiplier %	6.00	1,782.41	11,103.19
Total Other Direct Charges Reimbursables		32,183.15	222,895.04
Total Costs:		80,920.87	478,340.37
Total Due This Invoice		\$ 80,920.87	\$ 478,340.37

Remit to: 41780 6 Mile Rd, Suite 200 | Northville, MI 48168-3459 | US
Phone: 248-553-6300



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

84917-6010101-149015-731458-8173-1-3309-Ch. 21 - v#4716- li# 24138

OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328

Invoice # : 635285
Project : 61-200280
Invoice Group : CMT
Invoice Date : 3/5/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from 1/27/2024 - 2/23/2024

Provide Engineering and Consulting Services regarding NESPS Pumping and Electrical System Upgrade (D-421) & (D-462)

Task 01	CMT Services	\$189,674.00
Task 02	Tnemec Coating Observation	-
	Preliminary Budget Amount	\$189,674.00
	Percent Complete:	87.11%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	381.38	\$ 42,051.16
Overhead %	188.00	716.99	79,056.16
Total Regular Labor Expense		1,098.37	121,107.32
Total Direct Labor		1,098.37	121,107.32
Profit / Fixed Fee %	12.00	131.80	14,532.88
Direct Expenses Charge		220.00	22,820.43
Expense Multiplier %	5.00	11.00	1,141.02
Direct Subcontractor Charge		0.00	5,302.50
Subcontractor/Subconsultant Multiplier %	6.00	0.00	318.15
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		231.00	29,582.10
Total Costs:		1,461.17	165,222.30
Total Due This Invoice	\$	1,461.17	\$ 165,222.30



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

82912-149662-731458-8173- CH. 21 - v#4716- li #24138

OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328

Invoice # : 635287
Project : 61-210313
Invoice Group : **
Invoice Date : 3/5/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from 1/27/2024 - 2/23/2024

Consulting Services Regarding Additional OMID Rehabilitation Program 2021 Closeout Services and As-Needed NESPS Maintenance Tasks

Task 01	Contract 3 NESPS Rehab Closeout	\$9,563.00
Task 02	PCI-4 Liner Deterioration Closeout	\$10,939.00
Task 03	Discharge Pipe Coating Rehabilitation	\$27,930.00
Task 04	NESPS Wet Well Sediment Survey	\$19,639.00
Preliminary Budget Amount		\$68,071.00
Percent Complete:		93.41%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 328.00	\$ 11,959.67
Overhead %	188.00	616.64	22,484.16
Total Regular Labor Expense		944.64	34,443.83
Total Direct Labor		944.64	34,443.83
Profit / Fixed Fee %	12.00	113.36	4,133.26
Direct Expenses Charge		0.00	263.35
Expense Multiplier %	5.00	0.00	13.16
Direct Subcontractor Charge		0.00	23,555.34
Subcontractor/Subconsultant Multiplier %	5.00	0.00	1,177.79
Total Other Direct Charges Reimbursables		0.00	25,009.64
Total Costs:		1,058.00	63,586.73
Total Due This Invoice		\$ 1,058.00	\$ 63,586.73

**84918-149015-730639-PRJ-17408-1- ENG_CONSULT -
WDCCON8173**

OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328

Invoice # : 635293
Project : 61-200186
Invoice Group : **
Invoice Date : 3/6/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from 12/23/2023 - 2/23/2024

Provide Engineering Services for OMID NI-EA Contract No.1 PCI-4 Rehabilitation Project and CS-9 Gate Installation Project D-425 and D-457

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,759,494.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$2,976,962.00
	Percent Complete:	103.81%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 35,263.19	\$ 734,278.36
Overhead %	188.00	66,294.80	1,380,443.34
Total Regular Labor Expense		101,557.99	2,114,721.70
Total Direct Labor		101,557.99	2,114,721.70
Profit / Fixed Fee %	12.00	12,186.96	253,766.61
Direct Expenses Charge		4,698.93	68,363.85
Expense Multiplier %	5.00	234.95	3,418.19
Direct Subcontractor Charge		4,976.27	613,179.01
Subcontractor/Subconsultant Multiplier %	6.00	298.57	36,790.83
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		10,208.72	721,751.88
Total Costs:		123,953.67	3,090,240.19
Total Due This Invoice		\$ 123,953.67	\$ 3,090,240.19



PM Technologies
28294 Beck Road, Wixom, Michigan 48393 United States
(248) 374-6405

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

82912-6010101-149090-730660-8640- Ch. 21

INVOICE
86001889

INVOICE DATE
Feb 08, 2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator 1
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 2/8/2024

Payment Term: NET 30

Due Date: 3/9/2024

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00
	Perform Secondary Inspection on generator and transfer switch(es).			
	Update on-site maintenance log (as applicable)			
	**excludes live transfer test			

SUB-TOTAL \$350.00

TOTAL DUE \$350.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

TM-2-12-24



PM Technologies
28294 Beck Road, Wixom, Michigan 48393 United States
(248) 374-6405

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

82912-6010101-149090-730660-8640-Ch. 21

INVOICE	INVOICE DATE
86005395	Feb 08, 2024

JOB ADDRESS

Northeast Sewage Pumping Station 1825kw - Generator 3
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 2/8/2024

Payment Term: NET 30

Due Date: 3/9/2024

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00
	Perform Secondary Inspection on generator and transfer switch(es).			
	Update on-site maintenance log (as applicable)			
	**excludes live transfer test			

SUB-TOTAL \$350.00

TOTAL DUE \$350.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

TM-12-12-24

Agenda Item No. 13

Macomb Flow Diversion Letter

CANDICE S. MILLER
COMMISSIONER



March 15, 2024

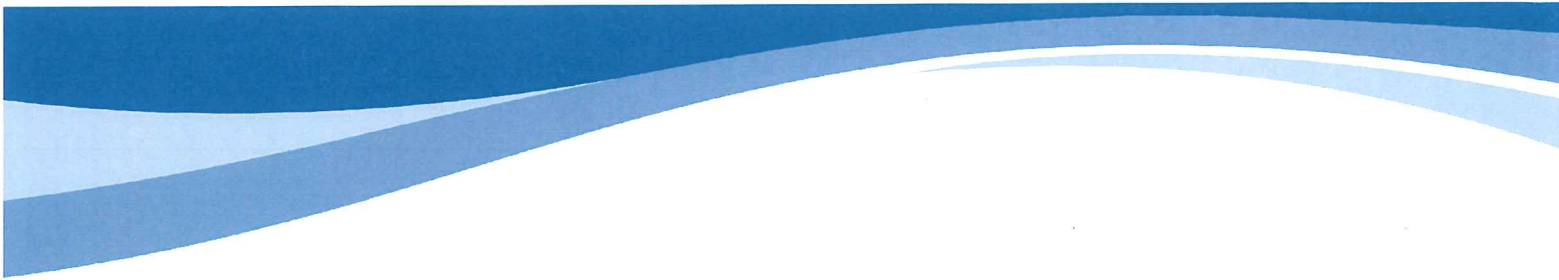
Dear OMID Board Members,

The OMID contracts with the Clinton Oakland and the Macomb Interceptor Drainage Districts allow each to annually divert and send up to 30% of wastewater flows elsewhere and not to GLWA. While it is difficult to precisely control flows, Clinton Oakland has now exceeded the 30% contract maximum diversion to the Pontiac plant for the past three years. While MIDD doesn't necessarily object to the flow exceedances, we do wish to enforce the contract for determining budget shares due to the negative financial impact the continued contract exceedances have on the MIDD ratepayer.

GLWA and OMID's costs are apportioned to both Clinton Oakland and the MIDD based on each district's share of total flows. When Clinton Oakland diverts more in a year than the contract allows, this increases the MIDD's percent of total flows. This results in MIDD's higher corresponding share of GLWA & OMID costs, while Clinton Oakland's share of the budget correspondingly declines. Clinton Oakland saves money when over-diverting, while MIDD pays a greater share of costs.

Macomb agreed to Oakland's 2018 request to only average the diversion exceedances for FY 2018 and 2019 due to a temporary issue with the Pontiac plant. This agreement was detailed and noted in Exhibit B of the OMID budget. At no time did we agree to average all flow exceedances as now stated by Clinton Oakland. We have requested and not received a copy of such an agreement. However, if it were the case, this change would have been reflected in Exhibit B. The parties would also have produced a running average diversion calculation which would have been reviewed and discussed at each of our subsequent annual budget meetings. Further, if we had agreed to average all diversions, there would have been no need to footnote just the FY 2018 and 2019 exceptions.

The OMID contract allows up to 30% annual diversion - not an averaged diversion or a fixed 30% diversion. It is common practice to average flows for budgeting purposes, but we are not aware of anywhere in the GLWA system where exceedances are averaged. When one diverts more than the contract allows, it infringes on the other's contract capacity right to maximize their own up to 30% diversion. It also saves money for the one who is exceeding at expense of the other. Without holding each to the contract terms, there is no financial incentive not to exceed



the contract.

The MIDD raised this issue in our meeting two years ago when the overcharge was only \$10,000. We raised it again last year when the cost rose to \$30,000. As the annual budget impact for next year is \$54,400 and growing, we have a duty to enforce the contract for this now material amount. MIDD has no control over such diversions and shouldn't pay more when the annual contract diversion is exceeded.

At this time the MIDD is not attempting to claw back the previous years' overbillings. In an effort to be conciliatory and resolve this issue, we propose to enforce the contract for budgeting purposes starting with the FY 2025 budget which we are ready to adopt on March 20. MIDD's share of the costs will still increase from 68.42% to 68.57%. If left alone, our share would increase to 68.64%. Our share should not increase more due to a contract exceedance from the other party.

Adhering to the contract also solves the issue with a potential large diversion variance from one year to the next. Further, using a 10-year average as suggested by Clinton Oakland doesn't solve the issue of how the MIDD gets reimbursed for past overcharges if that average is exceeded. Adhering to the contract terms annually in the budget avoids this issue.

Clinton Oakland's rejection of our request to start enforcing the contract with instead a proposal to now use a fixed 30% per year diversion for budgeting purposes unfortunately only increases the cost to the MIDD even more than the 68.64%.

We look forward to further discussions to resolve this issue so the budget can be adopted as soon as possible for the benefit of our ratepayers.

Agenda Item No. 14

Other Business

Agenda Item No. 15

Adjourn