

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

April 16, 2025 – 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:
Brady Harrington, 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 April 16, 2025
3. Motion to approve the Drainage District Board Meeting Minutes from March 19, 2025
4. Public Comment
5. Present Memorandum from Meg Koss, WRC Drainage District Legal Counsel, regarding the Arthur J. Gallagher Risk Management Services Contract Extension
6. Resolution to Authorize the Issuance of Refunding Bonds in the Principal Amount not to exceed \$5,185,000 for the Refunding of Bond Series 2015A (SAW Loan)
7. Motion to approve the following Change Order:
 - a) Change Order No. 50 for Walsh Construction for the Construction of the Pump and Electrical Upgrades Project for the NESPS for a net increase in the amount of \$380,900.57
8. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 54 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$429,420.77 with a reserve payment to the contractor in the amount of \$557,420.71
 - b) Construction Estimate No. 5 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$87,825.50 with a transfer to the Oakland County Treasurer in the amount of \$9,758.39
 - c) Construction Estimate No. 1 for Z Contractors for Construction of the NI-EA OMID Contracts; NI-EA 2B Only in the amount of \$115,200.00 with an amount to be reserved of \$12,800.00
9. Status of OMID Repairs Project

10.	Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing			
11.	Motion to approve the following invoices:			
	1) Labor/Fringes/Non-Direct Labor Factor			
	• Segment 5 NI-EA Construction		\$	6,600.70
	• Segment 5 NESPS Mech./Elect. Construction		\$	8,339.72
	• Odor/Corrosion System Construction		\$	2,903.34
	2) Equipment Charges			
	• Segment 5 NI-EA Construction		\$	156.95
	• Segment 5 NESPS Mech./Elect. Construction		\$	275.30
	• Odor/Corrosion System Construction		\$	78.64
	3) Reimbursement			
	• Macomb AP25000381	O&M	\$	23,538.64
a)	ASI			
	1) Invoice No. 72-9119	NESPS	\$	63,845.20
	2) Invoice No. 72b-9120	NESPS	\$	4,560.00
	3) Invoice No. 73-9139	NESPS	\$	58,862.00
	4) Invoice No. 73b-9140	NESPS	\$	768.00
b)	Clark Hill			
	Invoice No. 1546961	NESPS	\$	3,220.00
c)	CSM			
	1) Invoice No. 4781	O&M	\$	555.00
	2) Invoice No. 4871	O&M	\$	330.89
d)	Dickinson Wright			
	Invoice No. 2014997	O&M	\$	1,320.00
e)	Kennedy			
	Invoice No. 644877	O&M	\$	1,752.00
f)	Municipal Emergency Services – Premier Safety			
	Invoice No.04251732	O&M	\$	2,688.00
g)	Metco			
	Invoice No. 1811-75	O&M	\$	93,511.52
h)	Motor City			
	1) Invoice No. 96308	O&M	\$	1,103.60
	2) Invoice No. 96328	O&M	\$	157.50
	3) Invoice No. 96329	O&M	\$	4,069.75
	4) Invoice No. 96337	O&M	\$	3,073.90
	5) Invoice No. 96344	O&M	\$	126.50
i)	NTH Consultants, Ltd	NESPS	\$	
	1) Eng./Consult. Services OMID PCI-18 & PCI-19 Rehab			
	Invoice No. 638688	NI-EA	\$	29,296.01
j)	PM Technologies			
	1) Invoice No. 93026074	O&M	\$	5,427.97
	2) Invoice No. 106194956	O&M	\$	6,350.00
	3) Invoice No. 106197864	O&M	\$	855.98
	4) Invoice No. 106198038	O&M	\$	6,350.00
	5) Invoice No. 106200553	O&M	\$	6,350.00
	6) Invoice No. 119199952	O&M	\$	350.00
k)	PMA Consultants			
	Invoice No. 3559.01-57	NESPS	\$	17,759.13

12. Other Business

13. Adjourn

Next Regular Meeting: May 21, 2025, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from March 19, 2025

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

March 19, 2025

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 19th day of March 2025 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

Brady Harrington, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development; 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: Brian Baker, Vincent Astorino, Don Brown, Norb Franz, Bruce Manning, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Raphael Chirolla, John Basch, Brian Coburn, Carrie Cox, Meg Koss, Jaymes Blenkhorn, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; John Michalski, ASI; Terry Moore, Metco; Richard Trembath, Gallagher; Joe Brezvai, MDARD; Jessica Johnson, City of Sterling Heights

1. Call meeting to order.

Chairperson Harrington called the meeting to order at 11:30 a.m.

2. Agenda.

Motion by Miller, supported by Nash, to approve the March 19, 2025 agenda as presented.

ADOPTED:	Yeas	-	3
	Nays	-	0

3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the February 19, 2025, meeting.

ADOPTED:	Yeas	-	3
	Nays	-	0

4. Public Comment.

None.

5. Flow Share Structure for Budget Process.

Carrie Cox presented a memorandum detailing the review from the Flow Metering Work Group pertaining to the Clinton-Oakland Sewage Disposal System (COSDS) and the Macomb Interceptor Drainage District (MIDD). She recommended changing the share structure from a 10-year rolling average to a 3-year rolling average. She noted that long-term rolling averages reduce the volatility in the rates and can obscure the trends in a system.

Brian Baker presented a memorandum, which was not included in the original agenda packet, that countered Ms. Cox's recommendation. Mr. Baker recommended that the Drainage District should continue with the model set by GLWA and maintain the 10-year average. Discussion ensued as to the methodology and how changes would affect the communities.

Motion by Nash to change the share structure from a 10-year rolling average to a 5-year rolling average. The motion was not seconded, and therefore the motion was lost.

Further discussion followed as to issues with the increase of flow and operational costs.

Motion by Miller, supported by Nash, to receive and file the memorandums from Oakland and Macomb counties as presented.

ADOPTED: Yeas - 3
Nays - 0

6. Rate Year (RY) 2025/26 Budget.

Raphael Chirolla and Bruce Manning presented proposals for the operating budget for the rate year beginning July 1, 2025. They provided an overview of the budget, flow split, and capital projects planned for 2025/26. Changes from previous years and what is expected for the future were discussed.

Motion by Miller, supported by Nash, to approve the proposed budget, cost allocation and Capital Improvement Program for the rate year beginning July 1, 2025, which includes the operations and maintenance costs allocated based on the ten-year rolling average of Bruce Manning's memo (Exhibit A).

ADOPTED: Yeas - 3
Nays - 0

7. Dunbar Mechanical Contract.

Joel Brown presented a memorandum and a non-purchasing contract for Dunbar Mechanical, Inc. Mr. Brown expanded on the HVAC preventative and corrective maintenance services needed for the NESPS.

Motion by Miller, supported by Nash, to approve the Dunbar Contract as presented to supply HVAC related preventative and corrective maintenance services at the NESPS for the next 3 years.

ADOPTED: Yeas - 3
Nays - 0

8. Change Orders.

The following Change Orders were submitted to the Board for approval:

- a) Change Order No. 4 for Z Contractors for the NIEA OMID Contract #2 PCI 18 & 19 Rehabilitation Contract 2A for a net decrease in the amount of \$1,052,729.83. Motion by Nash, supported by Miller, to approve Change Order No. 4 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Change Order No. 49 for Construction of the Pump and Electrical Upgrades Project for the NESPS for a net increase in the amount of \$385,705.43. Motion by Miller, supported by Nash, to approve Change Order No. 49 as presented.

ADOPTED: Yeas - 3
Nays - 0

9. Construction Pay Estimates.

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

- a) Construction Estimate No. 53 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$336,301.22 with a transfer to the Oakland County Treasurer in the amount of \$19,285.27. Motion by Miller, supported by Nash, to approve Construction Estimate No. 53 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 4 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$218,597.83 with a transfer to the Oakland County Treasurer in the amount of \$24,288.65. Motion by Miller, supported by Nash, to approve Construction Estimate No. 4 as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Construction Estimate No. 18 for Z Contractors, Inc. for Construction of the NI-EA OMID Contracts 2A and 2B – PCI 18 & PCI 19 Rehabilitation in the amount of \$282,110.13 with a reserve payment to the contractor in the amount of \$254,610.13. Motion by Nash, supported by Miller, to approve Construction Estimate No. 18 as presented.

ADOPTED: Yeas - 3
Nays - 0

10. 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 Miller, supported by Nash, to receive and file the report as presented.

ADOPTED: Yeas - 3
Nays - 0

11. Financial Reports.

Shawn Phelps presented the financial reports for Segment 5, NI-EA Contract #2, and the Odor and Corrosion Control. Motion by Nash, supported by Miller, to receive and file the financial reports as presented.

ADOPTED: Yeas - 3
Nays - 0

12. Invoices.

1)	Labor/Fringes/Non-Direct Labor Factor			
	• Segment 5 NI-EA Construction		\$	6,696.56
	• Segment 5 NESPS Mech./Elect. Construction		\$	9,071.64
	• Odor/Corrosion System Construction		\$	2,296.45
2)	Equipment Charges			
	• Segment 5 NI-EA Construction		\$	154.97
	• Segment 5 NESPS Mech./Elect. Construction		\$	291.50
	• Odor/Corrosion System Construction		\$	105.06
3)	Reimbursement			
	• Macomb AP25000225	O&M	\$	1,107.59
a)	ASI			
	Invoice No. 71-9066	NESPS	\$	82,259.04
b)	Clark Hill			
	1) Invoice No. 1533287	O&C	\$	18,268.25
	2) Invoice No. 1537760	NESPS	\$	5,355.00
c)	Dickinson Wright			
	Invoice No. 2007187	O&M	\$	220.00
d)	Hesco			
	Invoice No. 242777	O&M	\$	578.75
e)	Jacobs			
	Invoice No. C6A19900-22R	O&M	\$	38,235.51
f)	Kennedy			
	1) Invoice No. 644876	O&M	\$	699.50
	2) Invoice No. 645230	O&M	\$	553.50
g)	Lardner			
	Invoice No. 204324	O&M	\$	214.00
h)	Metco			
	Invoice No. 1811-74	O&M	\$	79,852.54
i)	Motor City			
	1) Invoice No. 95916	O&M	\$	270.00
	2) Invoice No. 96112	O&M	\$	210.00
	3) Invoice No. 96275	O&M	\$	131.93
	4) Invoice No. 96276	O&M	\$	210.00
j)	NTH Consultants, Ltd			
	1) Eng./Consult. Services NESPS Pumping and Electrical System			
	Invoice No. 637515	NESPS	\$	2,264.87
	2) Eng./Consult. Services OMID PCI-18 & PCI-19 Rehab			
	Invoice No. 638483	NI-EA	\$	27,787.43
k)	PM Technologies			
	1) Invoice No. 105972618	O&M	\$	2,357.84
	2) Invoice No. 118904131	O&M	\$	350.00
	3) Invoice No. 118910608	O&M	\$	350.00
	4) Invoice No. 118910701	O&M	\$	350.00
l)	PMA Consultants			
	Invoice No. 3559.01-56	NESPS	\$	10,918.61

Motion by Miller, supported by Nash, to approve the invoices as presented.

ADOPTED: Yeas - 3
 Nays - 0

13. Other Business.
None.

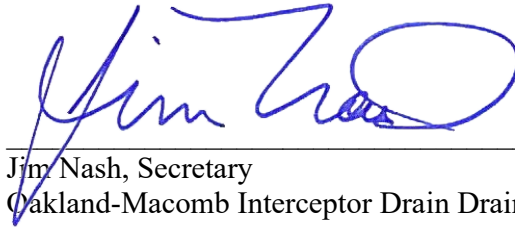
14. Adjourn.
Motion by Nash, supported by Miller, to adjourn the March 19, 2025, meeting at 1:10 p.m.

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 April 16, 2025.

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 March 19, 2025, 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 19th day of March 2025.



Jim Nash, Secretary

Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Gallagher Contract Extension



Oakland-Macomb Interceptor Drain Drainage District

TO: Brady Harrington, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board

FROM: Meg Koss, WRC Drainage District Legal Counsel

SUBJECT: Arthur J. Gallagher Risk Management Services Contract Extension

DATE: April 16, 2025

The current contract between the Oakland-Macomb Interceptor Drain Drainage District and Arthur J. Gallagher Risk Management Services will expire on May 19, 2025. Gallagher has provided crucial, specialized insurance-related services to the Drainage District relative to the ongoing Northeast Sewage Pumping Station and the North Interceptor East Arm projects. These projects are expected to be completed by the end of 2025.

The attached engagement letter details the work Gallagher has handled and anticipates handling on behalf of the Drainage District, along with its proposed rates. In the interest of continuity and efficiency regarding the projects, it is requested that the contract be extended for one year, to expire on May 19, 2026.

Requested Action: Extend the current contract with Arthur J. Gallagher Risk Management Services for one year from May 19, 2025, its current expiration date, to May 19, 2026, and authorize the Chairperson to execute any documents necessary to effectuate the extension.

April 4, 2025

Dear Drain Board Members,

We are requesting approval by board resolution to extend the authority to pay any remaining invoices for the ongoing insurance consulting services provided by Gallagher Insurance (formerly Meadowbrook), for the remainder of the Oakland-Macomb Interceptor Drain Drainage District – NESPS and NI-EA Construction Projects. We are requesting additional payment authority to apply through May 20th, 2026.

For background, there are two executed contracts that apply to the projects as it relates to the Gallagher provided OCIP Services are listed below:

Contract Description	Effective	Expiration	Expected Completion Date
Contract for OCIP Insurance Consultant and Agency Services Northeast Sewage Pump Station Renovation and North Interceptor East Arm Rehabilitation Projects	May 20 th , 2020	Full Duration of Project Work	August 13 th 2025
Contract for Insurance Consultant Services Oakland-Macomb Interceptor Drain Drainage District Oakland & Macomb Counties, Michigan -- Construction Safety Consultant Services Amendments 2, 3, 4	July 25 th , 2019	Full Duration of the Project Work	August 13 th 2025

While both contracts expire at the completion of the project work, Oakland County Purchasing Division does not permit payment authority for any contract beyond a 5-year period without board approval. In this case, a board resolution should provide the additional authority needed.

The additional premiums and fees through completion of the project are anticipated to be as follows:

1. Prorated Admin Fee through Project Closeout - \$31,250
2. Policy Premiums for Extensions (if needed) - \$40,000
3. Safety Services - \$48,730

As a summary, the scope of services provided by Gallagher through the duration of the project are as follows:

Scope of Services Summary:

1. Owner Controlled Insurance Program (OCIP) Services:

- Designed, implemented, and administered an Owner Controlled Insurance Program for all aspects of the projects.
- Coordinated with contractors and stakeholders to ensure compliance and coverage.
- Continuous monitoring and management of claims to minimize financial impact.
- Project closeout

2. Construction Safety Services:

- Full time dedicated Site Safety Consultant
- Development and implementation of safety protocols and oversight.
- Incident investigation and reporting to identify root causes and prevent recurrence.

We are committed to maintaining the highest standards of service and support for the Oakland-Macomb Interceptor Drain Drainage District.

Please feel free to reach out with any questions or to discuss this proposed extension of payment authority further.

Sincerely,

Salvatore Saputo

Salvatore Saputo

Executive Vice President

Arthur J. Gallagher & Co.

Agenda Item No. 6

SAW Loan Series 2025
Resolution

TO: Brady Harrington, Chairperson
Drainage Board, Oakland-Macomb Interceptor Drain Drainage District

FROM: Joseph W. Colaianne
Peter Ecklund

DATE: April 4, 2025

SUBJECT: **Recommendation: Resolution To Authorize the Issuance of Refunding Bonds is the Principal Amount Not to Exceed \$5,185,000 of the OMIDD Drain Bonds, Series 2015A (SAW Loan) General Obligation Limited Tax, dated April 9, 2015 (Prior Bonds)**

In January, the Michigan Department of Treasury reached out to the WRC in connection with the refinancing of the 2015 OMIDD SAW Loan. 2015 was the only year the state of Michigan authorized SAW loans (in all other years, the State issued SAW grants). State law requires that EGLE recycle the funding as funds come in from the SAW loan program. However, per State Treasury, the principal and interest payments from the SAW loans are not large enough for the State to re-deploy efficiently. State Treasury approached OMID to refinance the loan, and in exchange, will ensure that OMID will receive at least 5% net present value savings ("NPV"). In addition, they will treat the reduction as principal forgiveness.

MFCI has calculated current case and worst-case scenario:

- Current Case – 4.00% rate on the refunding bonds, NPV savings of \$325,081 or 7.26%
- Worst Case – 5.55% rate on the refunding bonds, NPV savings of \$212,912 or 5.05%

The worst case is 5% savings at 20% reduction in principal. The State has agreed that OMID would sell the refunding bonds as a direct placement to a bank to minimize the transactional issues to all involved.

To move forward, OMID board will need to adopt a refunding resolution, and the counties will also need to adopt full faith and credit resolutions.

Recommendation: Approval of Resolution To Authorize the Issuance of Refunding Bonds is the Principal Amount Not to Exceed \$5,185,000 of the OMIDD Drain Bonds, Series 2015A (SAW Loan) General Obligation Limited Tax, dated April 9, 2015 (Prior Bonds).

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

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Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Sources & Uses

Dated 06/01/2025 | Delivered 06/01/2025

Sources Of Funds

Par Amount of Bonds	\$4,475,000.00
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Total Sources	\$4,475,000.00
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Uses Of Funds

Costs of Issuance	44,450.00
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Deposit to Current Refunding Fund	4,428,854.17
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Rounding Amount	1,695.83
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Total Uses	\$4,475,000.00
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Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	Dollar Price
04/01/2036	Term 1 Coupon	4.000%	4.000%	4,475,000.00	100.000%	4,475,000.00
Total	-	-	-	\$4,475,000.00	-	\$4,475,000.00

Bid Information

Par Amount of Bonds	\$4,475,000.00
Gross Production	\$4,475,000.00
Bid (100.000%)	4,475,000.00
Total Purchase Price	\$4,475,000.00
Bond Year Dollars	\$27,699.17
Average Life	6.190 Years
Average Coupon	4.0000000%
Net Interest Cost (NIC)	4.0000000%
True Interest Cost (TIC)	4.0008237%

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Refunding Summary**Dated 06/01/2025 | Delivered 06/01/2025****Sources Of Funds**

Par Amount of Bonds	\$4,475,000.00
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Total Sources	\$4,475,000.00
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Uses Of Funds

Costs of Issuance	44,450.00
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Deposit to Current Refunding Fund	4,428,854.17
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Rounding Amount	1,695.83
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Total Uses	\$4,475,000.00
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Flow of Funds Detail

State and Local Government Series (SLGS) rates for
Date of OMP Candidates

Current Refunding Escrow Solution Method	Net Funded
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Total Cost of Investments	\$4,428,854.17
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Total Draws	\$4,428,854.17
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Issues Refunded And Call Dates

OMID 2015 SAW Loan 85%	6/01/2025
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PV Analysis Summary (Net to Net)

Net PV Cashflow Savings @ 4.190%(AIC)	323,385.34
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Contingency or Rounding Amount	1,695.83
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Net Present Value Benefit	\$325,081.17
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Net PV Benefit / Refunded Principal	6.270%
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Net PV Benefit / Refunding Principal	7.264%
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Average Annual Cash Flow Savings	37,503.03
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Total New Net D/S	5,582,966.67
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Total Prior D/S	5,995,500.00
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Total Cashflow Savings	412,533.33
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Bond Statistics

Average Life	6.190 Years
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Average Coupon	4.0000000%
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Net Interest Cost (NIC)	4.0000000%
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Bond Yield for Arbitrage Purposes	4.0008237%
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True Interest Cost (TIC)	4.0008237%
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All Inclusive Cost (AIC)	4.1903665%
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OMID 2025 SAW Loan Refund | SINGLE PURPOSE | 3/21/2025 | 12:29 PM

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Debt Service Comparison

Date	Total P+I	Net New D/S	Old Net D/S	Savings
06/30/2025	-	-	-	-
06/30/2026	509,166.67	509,166.67	544,625.00	35,458.33
06/30/2027	509,600.00	509,600.00	544,250.00	34,650.00
06/30/2028	505,800.00	505,800.00	543,625.00	37,825.00
06/30/2029	506,600.00	506,600.00	542,750.00	36,150.00
06/30/2030	506,800.00	506,800.00	546,625.00	39,825.00
06/30/2031	506,400.00	506,400.00	545,125.00	38,725.00
06/30/2032	505,400.00	505,400.00	543,375.00	37,975.00
06/30/2033	508,800.00	508,800.00	546,375.00	37,575.00
06/30/2034	506,400.00	506,400.00	544,000.00	37,600.00
06/30/2035	508,400.00	508,400.00	546,375.00	37,975.00
06/30/2036	509,600.00	509,600.00	548,375.00	38,775.00
Total	\$5,582,966.67	\$5,582,966.67	\$5,995,500.00	\$412,533.33

PV Analysis Summary (Net to Net)

Gross PV Debt Service Savings	323,385.34
Net PV Cashflow Savings @ 4.190%(AIC)	323,385.34
Contingency or Rounding Amount	1,695.83
Net Present Value Benefit	\$325,081.17
Net PV Benefit / \$5,185,000 Refunded Principal	6.270%
Net PV Benefit / \$4,475,000 Refunding Principal	7.264%

Refunding Bond Information

Refunding Dated Date	6/01/2025
Refunding Delivery Date	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Present Value Savings @ 4.1903665%

Date	Cashflow	PV Factor	Present Value	Cumulative PV
06/01/2025	-	1.0000000x	-	-
10/01/2025	5,145.83	0.9862715x	5,075.19	5,075.19
04/01/2026	30,312.50	0.9660314x	29,282.83	34,358.01
10/01/2026	(22,675.00)	0.9462066x	(21,455.24)	12,902.78
04/01/2027	57,325.00	0.9267887x	53,128.16	66,030.94
10/01/2027	(21,087.50)	0.9077693x	(19,142.58)	46,888.36
04/01/2028	58,912.50	0.8891402x	52,381.47	99,269.83
10/01/2028	(19,425.00)	0.8708934x	(16,917.10)	82,352.72
04/01/2029	55,575.00	0.8530210x	47,406.64	129,759.36
10/01/2029	(17,587.50)	0.8355154x	(14,694.63)	115,064.74
04/01/2030	57,412.50	0.8183691x	46,984.62	162,049.35
10/01/2030	(15,637.50)	0.8015746x	(12,534.62)	149,514.73
04/01/2031	54,362.50	0.7851248x	42,681.35	192,196.08
10/01/2031	(13,512.50)	0.7690126x	(10,391.28)	181,804.80
04/01/2032	51,487.50	0.7532310x	38,781.98	220,586.78
10/01/2032	(11,212.50)	0.7377733x	(8,272.28)	212,314.50
04/01/2033	48,787.50	0.7226329x	35,255.45	247,569.95
10/01/2033	(8,700.00)	0.7078031x	(6,157.89)	241,412.06
04/01/2034	46,300.00	0.6932776x	32,098.76	273,510.81
10/01/2034	(6,012.50)	0.6790503x	(4,082.79)	269,428.02
04/01/2035	43,987.50	0.6651149x	29,256.74	298,684.77
10/01/2035	(3,112.50)	0.6514655x	(2,027.69)	296,657.08
04/01/2036	41,887.50	0.6380962x	26,728.26	323,385.34
Total	\$412,533.33	-	\$323,385.34	-

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
10/01/2025	-	-	59,666.67	59,666.67
04/01/2026	360,000.00	4.000%	89,500.00	449,500.00
10/01/2026	-	-	82,300.00	82,300.00
04/01/2027	345,000.00	4.000%	82,300.00	427,300.00
10/01/2027	-	-	75,400.00	75,400.00
04/01/2028	355,000.00	4.000%	75,400.00	430,400.00
10/01/2028	-	-	68,300.00	68,300.00
04/01/2029	370,000.00	4.000%	68,300.00	438,300.00
10/01/2029	-	-	60,900.00	60,900.00
04/01/2030	385,000.00	4.000%	60,900.00	445,900.00
10/01/2030	-	-	53,200.00	53,200.00
04/01/2031	400,000.00	4.000%	53,200.00	453,200.00
10/01/2031	-	-	45,200.00	45,200.00
04/01/2032	415,000.00	4.000%	45,200.00	460,200.00
10/01/2032	-	-	36,900.00	36,900.00
04/01/2033	435,000.00	4.000%	36,900.00	471,900.00
10/01/2033	-	-	28,200.00	28,200.00
04/01/2034	450,000.00	4.000%	28,200.00	478,200.00
10/01/2034	-	-	19,200.00	19,200.00
04/01/2035	470,000.00	4.000%	19,200.00	489,200.00
10/01/2035	-	-	9,800.00	9,800.00
04/01/2036	490,000.00	4.000%	9,800.00	499,800.00
Total	\$4,475,000.00	-	\$1,107,966.67	\$5,582,966.67

Yield Statistics

Bond Year Dollars	\$27,699.17
Average Life	6.190 Years
Average Coupon	4.00000000%
Net Interest Cost (NIC)	4.00000000%
True Interest Cost (TIC)	4.0008237%
Bond Yield for Arbitrage Purposes	4.0008237%
All Inclusive Cost (AIC)	4.1903665%

IRS Form 8038

Net Interest Cost	4.00000000%
Weighted Average Maturity	6.190 Years

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
06/30/2025	-	-	-	-
06/30/2026	360,000.00	4.000%	149,166.67	509,166.67
06/30/2027	345,000.00	4.000%	164,600.00	509,600.00
06/30/2028	355,000.00	4.000%	150,800.00	505,800.00
06/30/2029	370,000.00	4.000%	136,600.00	506,600.00
06/30/2030	385,000.00	4.000%	121,800.00	506,800.00
06/30/2031	400,000.00	4.000%	106,400.00	506,400.00
06/30/2032	415,000.00	4.000%	90,400.00	505,400.00
06/30/2033	435,000.00	4.000%	73,800.00	508,800.00
06/30/2034	450,000.00	4.000%	56,400.00	506,400.00
06/30/2035	470,000.00	4.000%	38,400.00	508,400.00
06/30/2036	490,000.00	4.000%	19,600.00	509,600.00
Total	\$4,475,000.00	-	\$1,107,966.67	\$5,582,966.67

Yield Statistics

Bond Year Dollars	\$27,699.17
Average Life	6.190 Years
Average Coupon	4.0000000%
Net Interest Cost (NIC)	4.0000000%
True Interest Cost (TIC)	4.0008237%
Bond Yield for Arbitrage Purposes	4.0008237%
All Inclusive Cost (AIC)	4.1903665%

IRS Form 8038

Net Interest Cost	4.0000000%
Weighted Average Maturity	6.190 Years

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Current Refunding Escrow

Date	Rate	Receipts	Disbursements	Cash Balance
06/01/2025	-	4,428,854.17	4,428,854.17	-
Total	-	\$4,428,854.17	\$4,428,854.17	-

Investment Parameters

Investment Model [PV, GIC, or Securities]	Securities
Default investment yield target	Unrestricted
Cash Deposit	4,428,854.17
Total Cost of Investments	\$4,428,854.17
Target Cost of Investments at bond yield	\$4,428,854.17
Yield to Receipt	-
Yield for Arbitrage Purposes	4.0008237%

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2015

\$8,490,000

Debt Service To Maturity And To Call

Date	Refunded Bonds	Premium	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
10/01/2025	5,185,000.00	(777,750.00)	21,604.17	4,428,854.17	-	-	64,812.50	64,812.50
04/01/2026	-	-	-	-	415,000.00	2.500%	64,812.50	479,812.50
10/01/2026	-	-	-	-	-	-	59,625.00	59,625.00
04/01/2027	-	-	-	-	425,000.00	2.500%	59,625.00	484,625.00
10/01/2027	-	-	-	-	-	-	54,312.50	54,312.50
04/01/2028	-	-	-	-	435,000.00	2.500%	54,312.50	489,312.50
10/01/2028	-	-	-	-	-	-	48,875.00	48,875.00
04/01/2029	-	-	-	-	445,000.00	2.500%	48,875.00	493,875.00
10/01/2029	-	-	-	-	-	-	43,312.50	43,312.50
04/01/2030	-	-	-	-	460,000.00	2.500%	43,312.50	503,312.50
10/01/2030	-	-	-	-	-	-	37,562.50	37,562.50
04/01/2031	-	-	-	-	470,000.00	2.500%	37,562.50	507,562.50
10/01/2031	-	-	-	-	-	-	31,687.50	31,687.50
04/01/2032	-	-	-	-	480,000.00	2.500%	31,687.50	511,687.50
10/01/2032	-	-	-	-	-	-	25,687.50	25,687.50
04/01/2033	-	-	-	-	495,000.00	2.500%	25,687.50	520,687.50
10/01/2033	-	-	-	-	-	-	19,500.00	19,500.00
04/01/2034	-	-	-	-	505,000.00	2.500%	19,500.00	524,500.00
10/01/2034	-	-	-	-	-	-	13,187.50	13,187.50
04/01/2035	-	-	-	-	520,000.00	2.500%	13,187.50	533,187.50
10/01/2035	-	-	-	-	-	-	6,687.50	6,687.50
04/01/2036	-	-	-	-	535,000.00	2.500%	6,687.50	541,687.50
Total	\$5,185,000.00	(777,750.00)	\$21,604.17	\$4,428,854.17	\$5,185,000.00	-	\$810,500.00	\$5,995,500.00

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	6/01/2025
Average Life	6.086 Years
Average Coupon	2.500000%
Weighted Average Maturity (Par Basis)	6.086 Years
Weighted Average Maturity (Original Price Basis)	6.086 Years

Refunding Bond Information

Refunding Dated Date	6/01/2025
Refunding Delivery Date	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2015

\$8,490,000

Total Refunded Debt Service

Date	Principal	Coupon	Interest	Total P+I
10/01/2025	-	-	64,812.50	64,812.50
04/01/2026	415,000.00	2.500%	64,812.50	479,812.50
10/01/2026	-	-	59,625.00	59,625.00
04/01/2027	425,000.00	2.500%	59,625.00	484,625.00
10/01/2027	-	-	54,312.50	54,312.50
04/01/2028	435,000.00	2.500%	54,312.50	489,312.50
10/01/2028	-	-	48,875.00	48,875.00
04/01/2029	445,000.00	2.500%	48,875.00	493,875.00
10/01/2029	-	-	43,312.50	43,312.50
04/01/2030	460,000.00	2.500%	43,312.50	503,312.50
10/01/2030	-	-	37,562.50	37,562.50
04/01/2031	470,000.00	2.500%	37,562.50	507,562.50
10/01/2031	-	-	31,687.50	31,687.50
04/01/2032	480,000.00	2.500%	31,687.50	511,687.50
10/01/2032	-	-	25,687.50	25,687.50
04/01/2033	495,000.00	2.500%	25,687.50	520,687.50
10/01/2033	-	-	19,500.00	19,500.00
04/01/2034	505,000.00	2.500%	19,500.00	524,500.00
10/01/2034	-	-	13,187.50	13,187.50
04/01/2035	520,000.00	2.500%	13,187.50	533,187.50
10/01/2035	-	-	6,687.50	6,687.50
04/01/2036	535,000.00	2.500%	6,687.50	541,687.50
Total	\$5,185,000.00	-	\$810,500.00	\$5,995,500.00

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	6/01/2025
Average Life	6.086 Years
Average Coupon	2.5000000%
Weighted Average Maturity (Par Basis)	6.086 Years
Weighted Average Maturity (Original Price Basis)	6.086 Years

Refunding Bond Information

Refunding Dated Date	6/01/2025
Refunding Delivery Date	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2015

\$8,490,000

Sensitivity Summary of Savings by Maturity

Maturity	Coupon	Principal	Call Date	- 0.600%	- 0.400%	- 0.200%	Base	+ 0.200%	+ 0.400%	+ 0.600%
04/01/2026	2.500%	415,000	06/01/2025	58,557.22	57,886.88	57,218.29	56,551.44	55,886.90	55,224.09	54,563.01
04/01/2027	2.500%	425,000	06/01/2025	55,587.89	54,114.00	52,646.81	51,186.27	49,732.95	48,286.21	46,846.01
04/01/2028	2.500%	435,000	06/01/2025	52,569.16	50,292.86	48,031.25	45,784.23	43,552.29	41,334.72	39,131.42
04/01/2029	2.500%	445,000	06/01/2025	49,506.23	46,429.55	43,378.54	40,352.99	37,353.26	34,378.50	31,428.48
04/01/2030	2.500%	460,000	06/01/2025	46,913.95	42,997.14	39,120.36	35,283.16	31,485.73	27,727.00	24,006.53
04/01/2031	2.500%	470,000	06/01/2025	43,732.36	39,013.95	34,352.49	29,747.24	25,198.11	20,703.73	16,263.36
04/01/2032	2.500%	480,000	06/01/2025	40,521.99	35,006.57	29,567.83	24,204.60	18,916.42	13,701.51	8,558.77
04/01/2033	2.500%	495,000	06/01/2025	37,667.34	31,295.75	25,024.25	18,851.15	12,775.49	6,794.93	907.89
04/01/2034	2.500%	505,000	06/01/2025	34,371.06	27,206.78	20,167.86	13,251.93	6,457.40	(218.70)	(6,778.58)
04/01/2035	2.500%	520,000	06/01/2025	31,360.29	23,332.63	15,459.60	7,738.01	165.47	(7,261.79)	(14,546.76)
04/01/2036	2.500%	535,000	06/01/2025	28,261.93	19,365.87	10,656.68	2,130.17	(6,217.02)	(14,389.62)	(22,391.54)
Total	-	\$5,185,000	-	\$479,049.43	\$426,941.97	\$375,623.94	\$325,081.18	\$275,306.98	\$226,280.57	\$177,988.58

SUMMARY

Savings as % of Refunded Principal (- 0.600%)	9.239%
Savings as % of Refunded Principal (- 0.400%)	8.234%
Savings as % of Refunded Principal (- 0.200%)	7.244%
Savings as % of Refunded Principal (Base)	6.270%
Savings as % of Refunded Principal (+ 0.200%)	5.310%
Savings as % of Refunded Principal (+ 0.400%)	4.364%
Savings as % of Refunded Principal (+ 0.600%)	3.433%

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Detail Costs Of Issuance

Dated 06/01/2025 | Delivered 06/01/2025

COSTS OF ISSUANCE DETAIL

Bond Counsel	\$25,000.00
Financial Advisor	\$18,000.00
MAC Fee	\$450.00
State of Michigan Fee	\$1,000.00
TOTAL	\$44,450.00

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Derivation Of Form 8038 Yield Statistics

Maturity	Issuance Value	Coupon	Price	Issuance Price	Exponent	Bond Years
04/01/2026	360,000.00	4.000%	100.000%	360,000.00	0.8333333x	300,000.00
04/01/2027	345,000.00	4.000%	100.000%	345,000.00	1.8333333x	632,500.00
04/01/2028	355,000.00	4.000%	100.000%	355,000.00	2.8333333x	1,005,833.33
04/01/2029	370,000.00	4.000%	100.000%	370,000.00	3.8333333x	1,418,333.33
04/01/2030	385,000.00	4.000%	100.000%	385,000.00	4.8333333x	1,860,833.33
04/01/2031	400,000.00	4.000%	100.000%	400,000.00	5.8333333x	2,333,333.33
04/01/2032	415,000.00	4.000%	100.000%	415,000.00	6.8333333x	2,835,833.33
04/01/2033	435,000.00	4.000%	100.000%	435,000.00	7.8333333x	3,407,500.00
04/01/2034	450,000.00	4.000%	100.000%	450,000.00	8.8333333x	3,975,000.00
04/01/2035	470,000.00	4.000%	100.000%	470,000.00	9.8333333x	4,621,666.67
04/01/2036	490,000.00	4.000%	100.000%	490,000.00	10.8333333x	5,308,333.33
Total	\$4,475,000.00	-	-	\$4,475,000.00	-	\$27,699,166.67

Description of Bonds

Final Maturity Date	4/01/2036
Issue price of entire issue	4,475,000.00
Stated Redemption at Maturity	4,475,000.00
Weighted Average Maturity = Bond Years/Issue Price	6.190 Years
Bond Yield for Arbitrage Purposes	4.0008237%

Uses of Proceeds of Issue

Proceeds used for accrued interest	-
Proceeds used for bond issuance costs (including underwriters' discount)	44,450.00
Proceeds used for credit enhancement	-
Proceeds allocated to reasonably required reserve or replacement fund	-

Description of Refunded Bonds

Proceeds used to currently refund prior issue	4,428,854.17
Proceeds used to advance refund prior issue	-
Remaining weighted average maturity of the bonds to be currently refunded	6.086 Years
Remaining weighted average maturity of the bonds to be advance refunded	-
Last date on which the refunded bonds will be called	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,475,000

Form 8038 Refunded Bonds

Date	Type of Bond	Coupon	FV Principal	Price	Issue Price	Exponent	Bond Years
OMID 2015 SAW Loan 85%							
04/01/2026	Term 1 Coupon	2.500%	415,000.00	88.293%	366,415.95	0.8333333x	305,346.63
04/01/2027	Term 1 Coupon	2.500%	425,000.00	88.293%	375,245.25	1.8333333x	687,949.63
04/01/2028	Term 1 Coupon	2.500%	435,000.00	88.293%	384,074.55	2.8333333x	1,088,211.23
04/01/2029	Term 1 Coupon	2.500%	445,000.00	88.293%	392,903.85	3.8333333x	1,506,131.43
04/01/2030	Term 1 Coupon	2.500%	460,000.00	88.293%	406,147.80	4.8333333x	1,963,047.70
04/01/2031	Term 1 Coupon	2.500%	470,000.00	88.293%	414,977.10	5.8333333x	2,420,699.75
04/01/2032	Term 1 Coupon	2.500%	480,000.00	88.293%	423,806.40	6.8333333x	2,896,010.40
04/01/2033	Term 1 Coupon	2.500%	495,000.00	88.293%	437,050.35	7.8333333x	3,423,561.08
04/01/2034	Term 1 Coupon	2.500%	505,000.00	88.293%	445,879.65	8.8333333x	3,938,603.58
04/01/2035	Term 1 Coupon	2.500%	520,000.00	88.293%	459,123.60	9.8333333x	4,514,715.40
04/01/2036	Term 1 Coupon	2.500%	535,000.00	88.293%	472,367.55	10.8333333x	5,117,315.13
Subtotal		-	\$5,185,000.00	-	\$4,577,992.05	-	\$27,861,591.93
Total		-	\$5,185,000.00	-	\$4,577,992.05	-	\$27,861,591.93

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

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Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Sources & Uses

Dated 06/01/2025 | Delivered 06/01/2025

Sources Of Funds

Par Amount of Bonds	\$4,215,000.00
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Total Sources	\$4,215,000.00
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Uses Of Funds

Costs of Issuance	44,450.00
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Deposit to Current Refunding Fund	4,169,604.17
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Rounding Amount	945.83
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Total Uses	\$4,215,000.00
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Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	Dollar Price
04/01/2036	Term 1 Coupon	5.550%	5.550%	4,215,000.00	100.000%	4,215,000.00
Total	-	-	-	\$4,215,000.00	-	\$4,215,000.00

Bid Information

Par Amount of Bonds	\$4,215,000.00
Gross Production	\$4,215,000.00
Bid (100.000%)	4,215,000.00
Total Purchase Price	\$4,215,000.00
Bond Year Dollars	\$26,707.50
Average Life	6.336 Years
Average Coupon	5.5500000%
Net Interest Cost (NIC)	5.5500000%
True Interest Cost (TIC)	5.5516320%

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Refunding Summary

Dated 06/01/2025 | Delivered 06/01/2025

Sources Of Funds

Par Amount of Bonds	\$4,215,000.00
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Total Sources	\$4,215,000.00
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Uses Of Funds

Costs of Issuance	44,450.00
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Deposit to Current Refunding Fund	4,169,604.17
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Rounding Amount	945.83
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Total Uses	\$4,215,000.00
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Flow of Funds Detail

State and Local Government Series (SLGS) rates for
Date of OMP Candidates

Current Refunding Escrow Solution Method	Net Funded
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Total Cost of Investments	\$4,169,604.17
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Total Draws	\$4,169,604.17
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Issues Refunded And Call Dates

OMID 2015 SAW Loan 80%	6/01/2025
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PV Analysis Summary (Net to Net)

Net PV Cashflow Savings @ 5.761%(AIC)	211,966.67
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Contingency or Rounding Amount	945.83
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Net Present Value Benefit	\$212,912.50
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Net PV Benefit / Refunded Principal	4.106%
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Net PV Benefit / Refunding Principal	5.051%
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Average Annual Cash Flow Savings	27,112.16
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Total New Net D/S	5,697,266.25
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Total Prior D/S	5,995,500.00
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Total Cashflow Savings	298,233.75
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Bond Statistics

Average Life	6.336 Years
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Average Coupon	5.5500000%
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Net Interest Cost (NIC)	5.5500000%
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Bond Yield for Arbitrage Purposes	5.5516320%
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True Interest Cost (TIC)	5.5516320%
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All Inclusive Cost (AIC)	5.7606229%
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OMID 2025 SAW Loan Refund | SINGLE PURPOSE | 3/21/2025 | 12:38 PM

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Debt Service Comparison

Date	Total P+I	Net New D/S	Old Net D/S	Savings
06/30/2025	-	-	-	-
06/30/2026	514,943.75	514,943.75	544,625.00	29,681.25
06/30/2027	516,172.50	516,172.50	544,250.00	28,077.50
06/30/2028	514,522.50	514,522.50	543,625.00	29,102.50
06/30/2029	517,040.00	517,040.00	542,750.00	25,710.00
06/30/2030	518,447.50	518,447.50	546,625.00	28,177.50
06/30/2031	518,745.00	518,745.00	545,125.00	26,380.00
06/30/2032	517,932.50	517,932.50	543,375.00	25,442.50
06/30/2033	521,010.00	521,010.00	546,375.00	25,365.00
06/30/2034	517,700.00	517,700.00	544,000.00	26,300.00
06/30/2035	518,280.00	518,280.00	546,375.00	28,095.00
06/30/2036	522,472.50	522,472.50	548,375.00	25,902.50
Total	\$5,697,266.25	\$5,697,266.25	\$5,995,500.00	\$298,233.75

PV Analysis Summary (Net to Net)

Gross PV Debt Service Savings	211,966.67
Net PV Cashflow Savings @ 5.761%(AIC)	211,966.67
Contingency or Rounding Amount	945.83
Net Present Value Benefit	\$212,912.50
Net PV Benefit / \$5,185,000 Refunded Principal	4.106%
Net PV Benefit / \$4,215,000 Refunding Principal	5.051%

Refunding Bond Information

Refunding Dated Date	6/01/2025
Refunding Delivery Date	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Present Value Savings @ 5.7606229%

Date	Cashflow	PV Factor	Present Value	Cumulative PV
06/01/2025	-	1.0000000x	-	-
10/01/2025	(13,165.00)	0.9812473x	(12,918.12)	(12,918.12)
04/01/2026	42,846.25	0.9537756x	40,865.71	27,947.59
10/01/2026	(48,461.25)	0.9270730x	(44,927.12)	(16,979.53)
04/01/2027	76,538.75	0.9011180x	68,970.45	51,990.92
10/01/2027	(45,448.75)	0.8758897x	(39,808.09)	12,182.83
04/01/2028	74,551.25	0.8513676x	63,470.52	75,653.35
10/01/2028	(42,145.00)	0.8275321x	(34,876.34)	40,777.01
04/01/2029	67,855.00	0.8043639x	54,580.12	95,357.12
10/01/2029	(38,411.25)	0.7818444x	(30,031.62)	65,325.50
04/01/2030	66,588.75	0.7599553x	50,604.47	115,929.97
10/01/2030	(34,310.00)	0.7386791x	(25,344.08)	90,585.90
04/01/2031	60,690.00	0.7179985x	43,575.33	134,161.22
10/01/2031	(29,778.75)	0.6978969x	(20,782.50)	113,378.73
04/01/2032	55,221.25	0.6783580x	37,459.78	150,838.51
10/01/2032	(24,817.50)	0.6593662x	(16,363.82)	134,474.68
04/01/2033	50,182.50	0.6409061x	32,162.27	166,636.96
10/01/2033	(19,350.00)	0.6229629x	(12,054.33)	154,582.62
04/01/2034	45,650.00	0.6055219x	27,642.08	182,224.70
10/01/2034	(13,452.50)	0.5885693x	(7,917.73)	174,306.97
04/01/2035	41,547.50	0.5720913x	23,768.96	198,075.94
10/01/2035	(7,048.75)	0.5560746x	(3,919.63)	194,156.31
04/01/2036	32,951.25	0.5405064x	17,810.36	211,966.67
Total	\$298,233.75	-	\$211,966.67	-

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
10/01/2025	-	-	77,977.50	77,977.50
04/01/2026	320,000.00	5.550%	116,966.25	436,966.25
10/01/2026	-	-	108,086.25	108,086.25
04/01/2027	300,000.00	5.550%	108,086.25	408,086.25
10/01/2027	-	-	99,761.25	99,761.25
04/01/2028	315,000.00	5.550%	99,761.25	414,761.25
10/01/2028	-	-	91,020.00	91,020.00
04/01/2029	335,000.00	5.550%	91,020.00	426,020.00
10/01/2029	-	-	81,723.75	81,723.75
04/01/2030	355,000.00	5.550%	81,723.75	436,723.75
10/01/2030	-	-	71,872.50	71,872.50
04/01/2031	375,000.00	5.550%	71,872.50	446,872.50
10/01/2031	-	-	61,466.25	61,466.25
04/01/2032	395,000.00	5.550%	61,466.25	456,466.25
10/01/2032	-	-	50,505.00	50,505.00
04/01/2033	420,000.00	5.550%	50,505.00	470,505.00
10/01/2033	-	-	38,850.00	38,850.00
04/01/2034	440,000.00	5.550%	38,850.00	478,850.00
10/01/2034	-	-	26,640.00	26,640.00
04/01/2035	465,000.00	5.550%	26,640.00	491,640.00
10/01/2035	-	-	13,736.25	13,736.25
04/01/2036	495,000.00	5.550%	13,736.25	508,736.25
Total	\$4,215,000.00	-	\$1,482,266.25	\$5,697,266.25

Yield Statistics

Bond Year Dollars	\$26,707.50
Average Life	6.336 Years
Average Coupon	5.5500000%
Net Interest Cost (NIC)	5.5500000%
True Interest Cost (TIC)	5.5516320%
Bond Yield for Arbitrage Purposes	5.5516320%
All Inclusive Cost (AIC)	5.7606229%

IRS Form 8038

Net Interest Cost	5.5500000%
Weighted Average Maturity	6.336 Years

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
06/30/2025	-	-	-	-
06/30/2026	320,000.00	5.550%	194,943.75	514,943.75
06/30/2027	300,000.00	5.550%	216,172.50	516,172.50
06/30/2028	315,000.00	5.550%	199,522.50	514,522.50
06/30/2029	335,000.00	5.550%	182,040.00	517,040.00
06/30/2030	355,000.00	5.550%	163,447.50	518,447.50
06/30/2031	375,000.00	5.550%	143,745.00	518,745.00
06/30/2032	395,000.00	5.550%	122,932.50	517,932.50
06/30/2033	420,000.00	5.550%	101,010.00	521,010.00
06/30/2034	440,000.00	5.550%	77,700.00	517,700.00
06/30/2035	465,000.00	5.550%	53,280.00	518,280.00
06/30/2036	495,000.00	5.550%	27,472.50	522,472.50
Total	\$4,215,000.00	-	\$1,482,266.25	\$5,697,266.25

Yield Statistics

Bond Year Dollars	\$26,707.50
Average Life	6.336 Years
Average Coupon	5.5500000%
Net Interest Cost (NIC)	5.5500000%
True Interest Cost (TIC)	5.5516320%
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IRS Form 8038

Net Interest Cost	5.5500000%
Weighted Average Maturity	6.336 Years

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Current Refunding Escrow

Date	Rate	Receipts	Disbursements	Cash Balance
06/01/2025	-	4,169,604.17	4,169,604.17	-
Total	-	\$4,169,604.17	\$4,169,604.17	-

Investment Parameters

Investment Model [PV, GIC, or Securities]	Securities
Default investment yield target	Unrestricted
Cash Deposit	4,169,604.17
Total Cost of Investments	\$4,169,604.17
Target Cost of Investments at bond yield	\$4,169,604.17
Yield to Receipt	-
Yield for Arbitrage Purposes	5.5516320%

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2015

\$8,490,000

Debt Service To Maturity And To Call

Date	Refunded Bonds	Premium	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
10/01/2025	5,185,000.00	(1,037,000.00)	21,604.17	4,169,604.17	-	-	64,812.50	64,812.50
04/01/2026	-	-	-	-	415,000.00	2.500%	64,812.50	479,812.50
10/01/2026	-	-	-	-	-	-	59,625.00	59,625.00
04/01/2027	-	-	-	-	425,000.00	2.500%	59,625.00	484,625.00
10/01/2027	-	-	-	-	-	-	54,312.50	54,312.50
04/01/2028	-	-	-	-	435,000.00	2.500%	54,312.50	489,312.50
10/01/2028	-	-	-	-	-	-	48,875.00	48,875.00
04/01/2029	-	-	-	-	445,000.00	2.500%	48,875.00	493,875.00
10/01/2029	-	-	-	-	-	-	43,312.50	43,312.50
04/01/2030	-	-	-	-	460,000.00	2.500%	43,312.50	503,312.50
10/01/2030	-	-	-	-	-	-	37,562.50	37,562.50
04/01/2031	-	-	-	-	470,000.00	2.500%	37,562.50	507,562.50
10/01/2031	-	-	-	-	-	-	31,687.50	31,687.50
04/01/2032	-	-	-	-	480,000.00	2.500%	31,687.50	511,687.50
10/01/2032	-	-	-	-	-	-	25,687.50	25,687.50
04/01/2033	-	-	-	-	495,000.00	2.500%	25,687.50	520,687.50
10/01/2033	-	-	-	-	-	-	19,500.00	19,500.00
04/01/2034	-	-	-	-	505,000.00	2.500%	19,500.00	524,500.00
10/01/2034	-	-	-	-	-	-	13,187.50	13,187.50
04/01/2035	-	-	-	-	520,000.00	2.500%	13,187.50	533,187.50
10/01/2035	-	-	-	-	-	-	6,687.50	6,687.50
04/01/2036	-	-	-	-	535,000.00	2.500%	6,687.50	541,687.50
Total	\$5,185,000.00	(1,037,000.00)	\$21,604.17	\$4,169,604.17	\$5,185,000.00	-	\$810,500.00	\$5,995,500.00

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	6/01/2025
Average Life	6.086 Years
Average Coupon	2.5000000%
Weighted Average Maturity (Par Basis)	6.086 Years
Weighted Average Maturity (Original Price Basis)	6.086 Years

Refunding Bond Information

Refunding Dated Date	6/01/2025
Refunding Delivery Date	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2015

\$8,490,000

Total Refunded Debt Service

Date	Principal	Coupon	Interest	Total P+I
10/01/2025	-	-	64,812.50	64,812.50
04/01/2026	415,000.00	2.500%	64,812.50	479,812.50
10/01/2026	-	-	59,625.00	59,625.00
04/01/2027	425,000.00	2.500%	59,625.00	484,625.00
10/01/2027	-	-	54,312.50	54,312.50
04/01/2028	435,000.00	2.500%	54,312.50	489,312.50
10/01/2028	-	-	48,875.00	48,875.00
04/01/2029	445,000.00	2.500%	48,875.00	493,875.00
10/01/2029	-	-	43,312.50	43,312.50
04/01/2030	460,000.00	2.500%	43,312.50	503,312.50
10/01/2030	-	-	37,562.50	37,562.50
04/01/2031	470,000.00	2.500%	37,562.50	507,562.50
10/01/2031	-	-	31,687.50	31,687.50
04/01/2032	480,000.00	2.500%	31,687.50	511,687.50
10/01/2032	-	-	25,687.50	25,687.50
04/01/2033	495,000.00	2.500%	25,687.50	520,687.50
10/01/2033	-	-	19,500.00	19,500.00
04/01/2034	505,000.00	2.500%	19,500.00	524,500.00
10/01/2034	-	-	13,187.50	13,187.50
04/01/2035	520,000.00	2.500%	13,187.50	533,187.50
10/01/2035	-	-	6,687.50	6,687.50
04/01/2036	535,000.00	2.500%	6,687.50	541,687.50
Total	\$5,185,000.00	-	\$810,500.00	\$5,995,500.00

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	6/01/2025
Average Life	6.086 Years
Average Coupon	2.5000000%
Weighted Average Maturity (Par Basis)	6.086 Years
Weighted Average Maturity (Original Price Basis)	6.086 Years

Refunding Bond Information

Refunding Dated Date	6/01/2025
Refunding Delivery Date	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2015

\$8,490,000

Sensitivity Summary of Savings by Maturity

Maturity	Coupon	Principal	Call Date	- 0.600%	- 0.400%	- 0.200%	Base	+ 0.200%	+ 0.400%	+ 0.600%
04/01/2026	2.500%	415,000	06/01/2025	74,090.89	73,434.11	72,779.03	72,125.65	71,474.53	70,825.09	70,177.32
04/01/2027	2.500%	425,000	06/01/2025	65,444.12	64,021.81	62,605.92	61,196.40	59,793.81	58,397.53	57,007.52
04/01/2028	2.500%	435,000	06/01/2025	56,836.84	54,673.02	52,523.06	50,386.86	48,264.92	46,156.53	44,061.59
04/01/2029	2.500%	445,000	06/01/2025	48,278.67	45,397.31	42,539.81	39,705.96	36,896.14	34,109.52	31,345.89
04/01/2030	2.500%	460,000	06/01/2025	40,215.32	36,600.96	33,023.24	29,481.74	25,976.70	22,507.07	19,072.48
04/01/2031	2.500%	470,000	06/01/2025	31,680.03	27,389.19	23,149.71	18,960.91	14,822.77	10,734.00	6,693.96
04/01/2032	2.500%	480,000	06/01/2025	23,221.70	18,278.19	13,402.78	8,594.45	3,852.88	(823.60)	(5,435.94)
04/01/2033	2.500%	495,000	06/01/2025	14,997.45	9,367.78	3,825.72	(1,630.22)	(7,000.79)	(12,288.08)	(17,493.50)
04/01/2034	2.500%	505,000	06/01/2025	6,623.26	382.30	(5,750.57)	(11,777.36)	(17,699.33)	(23,519.13)	(29,238.63)
04/01/2035	2.500%	520,000	06/01/2025	(1,671.06)	(8,566.82)	(15,331.18)	(21,966.82)	(28,475.65)	(34,860.95)	(41,125.24)
04/01/2036	2.500%	535,000	06/01/2025	(10,021.29)	(17,557.88)	(24,937.97)	(32,165.04)	(39,241.75)	(46,172.14)	(52,959.46)
Total	-	\$5,185,000	-	\$349,695.93	\$303,419.98	\$257,829.53	\$212,912.51	\$168,664.22	\$125,065.85	\$82,106.00

SUMMARY

Savings as % of Refunded Principal (- 0.600%)	6.744%
Savings as % of Refunded Principal (- 0.400%)	5.852%
Savings as % of Refunded Principal (- 0.200%)	4.973%
Savings as % of Refunded Principal (Base)	4.106%
Savings as % of Refunded Principal (+ 0.200%)	3.253%
Savings as % of Refunded Principal (+ 0.400%)	2.412%
Savings as % of Refunded Principal (+ 0.600%)	1.584%

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Detail Costs Of Issuance

Dated 06/01/2025 | Delivered 06/01/2025

COSTS OF ISSUANCE DETAIL

Bond Counsel	\$25,000.00
Financial Advisor	\$18,000.00
MAC Fee	\$450.00
State of Michigan Fee	\$1,000.00
TOTAL	\$44,450.00

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Derivation Of Form 8038 Yield Statistics

Maturity	Issuance Value	Coupon	Price	Issuance Price	Exponent	Bond Years
04/01/2026	320,000.00	5.550%	100.000%	320,000.00	0.8333333x	266,666.67
04/01/2027	300,000.00	5.550%	100.000%	300,000.00	1.8333333x	550,000.00
04/01/2028	315,000.00	5.550%	100.000%	315,000.00	2.8333333x	892,500.00
04/01/2029	335,000.00	5.550%	100.000%	335,000.00	3.8333333x	1,284,166.67
04/01/2030	355,000.00	5.550%	100.000%	355,000.00	4.8333333x	1,715,833.33
04/01/2031	375,000.00	5.550%	100.000%	375,000.00	5.8333333x	2,187,500.00
04/01/2032	395,000.00	5.550%	100.000%	395,000.00	6.8333333x	2,699,166.67
04/01/2033	420,000.00	5.550%	100.000%	420,000.00	7.8333333x	3,290,000.00
04/01/2034	440,000.00	5.550%	100.000%	440,000.00	8.8333333x	3,886,666.67
04/01/2035	465,000.00	5.550%	100.000%	465,000.00	9.8333333x	4,572,500.00
04/01/2036	495,000.00	5.550%	100.000%	495,000.00	10.8333333x	5,362,500.00
Total	\$4,215,000.00	-	-	\$4,215,000.00	-	\$26,707,500.00

Description of Bonds

Final Maturity Date	4/01/2036
Issue price of entire issue	4,215,000.00
Stated Redemption at Maturity	4,215,000.00
Weighted Average Maturity = Bond Years/Issue Price	6.336 Years
Bond Yield for Arbitrage Purposes	5.5516320%

Uses of Proceeds of Issue

Proceeds used for accrued interest	-
Proceeds used for bond issuance costs (including underwriters' discount)	44,450.00
Proceeds used for credit enhancement	-
Proceeds allocated to reasonably required reserve or replacement fund	-

Description of Refunded Bonds

Proceeds used to currently refund prior issue	4,169,604.17
Proceeds used to advance refund prior issue	-
Remaining weighted average maturity of the bonds to be currently refunded	6.086 Years
Remaining weighted average maturity of the bonds to be advance refunded	-
Last date on which the refunded bonds will be called	6/01/2025

Oakland-Macomb Interceptor Drain Drainage District

County of Oakland and County of Macomb, State of Michigan

SAW Loan Series 2025 Refunding

\$4,215,000

Form 8038 Refunded Bonds

Date	Type of Bond	Coupon	FV Principal	Price	Issue Price	Exponent	Bond Years
OMID 2015 SAW Loan 80%							
04/01/2026	Term 1 Coupon	2.500%	415,000.00	84.390%	350,218.50	0.8333333x	291,848.75
04/01/2027	Term 1 Coupon	2.500%	425,000.00	84.390%	358,657.50	1.8333333x	657,538.75
04/01/2028	Term 1 Coupon	2.500%	435,000.00	84.390%	367,096.50	2.8333333x	1,040,106.75
04/01/2029	Term 1 Coupon	2.500%	445,000.00	84.390%	375,535.50	3.8333333x	1,439,552.75
04/01/2030	Term 1 Coupon	2.500%	460,000.00	84.390%	388,194.00	4.8333333x	1,876,271.00
04/01/2031	Term 1 Coupon	2.500%	470,000.00	84.390%	396,633.00	5.8333333x	2,313,692.50
04/01/2032	Term 1 Coupon	2.500%	480,000.00	84.390%	405,072.00	6.8333333x	2,767,992.00
04/01/2033	Term 1 Coupon	2.500%	495,000.00	84.390%	417,730.50	7.8333333x	3,272,222.25
04/01/2034	Term 1 Coupon	2.500%	505,000.00	84.390%	426,169.50	8.8333333x	3,764,497.25
04/01/2035	Term 1 Coupon	2.500%	520,000.00	84.390%	438,828.00	9.8333333x	4,315,142.00
04/01/2036	Term 1 Coupon	2.500%	535,000.00	84.390%	451,486.50	10.8333333x	4,891,103.75
Subtotal		-	\$5,185,000.00	-	\$4,375,621.50	-	\$26,629,967.75
Total		-	\$5,185,000.00	-	\$4,375,621.50	-	\$26,629,967.75

**MICHIGAN DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT**

In the Matter of:

Oakland-Macomb Interceptor Drain,

**RESOLUTION TO AUTHORIZE THE ISSUANCE OF REFUNDING BONDS IN THE
PRINCIPAL AMOUNT NOT TO EXCEED \$5,185,000 OF OAKLAND-MACOMB
INTERCEPTOR DRAIN, DRAIN BONDS, SERIES 2015A (SAW LOAN) (GENERAL
OBLIGATION LIMITED TAX), DATED APRIL 9, 2015 (PRIOR BONDS)**

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held on the 16th day of April 2025, 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: _____

ABSENT: _____

OTHERS PRESENT: _____

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

WHEREAS, pursuant to the provisions of Chapter 21 of Act No. 40, Public Acts of Michigan, 1956 (the "Act 40"), as amended the Oakland-Macomb Interceptor Drain (the "Drainage District") issued its Oakland-Macomb Interceptor Drain, Drain Bonds, Series 2015A (SAW Loan) (General Obligation Limited Tax), dated April 9, 2015, the Prior Bonds in the original principal amount of \$8,490,000 ("Prior Bonds") pursuant to resolutions of the Drainage District dated July 8, 2014 as amended March 17, 2015 (the "Prior Resolution") and pursuant to the Purchase Contract between the Drainage District and the Michigan Municipal Finance Authority (the "Authority") which were issued for the construction of the Oakland-Macomb Interceptor Drain Project; and

WHEREAS, the Prior Bonds were issued by the Issuer in anticipation of the collection of the several installments against the City of Auburn Hills, Independence Township, the City of Lake Angelus, the City of Rochester, the City of Rochester Hills, Oakland Township, Orion Township, Oxford Township, the Village of Lake Orion, the Village of Oxford, Water Township, and West Bloomfield Township, each in Oakland County, Michigan; and Chesterfield Township, the City of Fraser, the City of Sterling Heights, the City of Utica, Clinton Township, Harrison Township, Lenox Township, Macomb Township, Washington Township, Shelby Township, and the Village of new Haven, each in Macomb County (collectively the "Public Corporations"); and

WHEREAS, the Prior Bonds remain outstanding in the aggregate principal amount of \$5,185,000 mature in various principal amounts on April 1 in the years 2026 through 2036 and bear interest of 2.5% per annum; and

WHEREAS, Act No. 34, Public Acts of Michigan, 2001, as amended ("Act 34") and Act 40, authorizes the Drainage District to refund all or any part of its funded indebtedness; and

WHEREAS, the Drainage District has received a savings report from MFCI, LLC, Milford, Michigan; and

WHEREAS, the Drainage District has determined that the refunding of all or a portion of the Prior Bonds will provide a substantial savings in interest costs to the Drainage District, and that it is in the best interest of the Drainage District and the Public Corporation to issue refunding the Prior Bonds in the amount of not to exceed \$5,185,000 maturing in the years 2026 through 2036 be refunded; and

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

1. AUTHORIZATION OF REFUNDING BONDS – PURPOSE. Refunding bonds of the Oakland-Macomb Interceptor Drain Drainage District (the "Bonds") aggregating the principal sum of not to exceed Five Million One Hundred Eighty-five Thousand Dollars (\$5,185,000) shall be issued and sold pursuant to the provisions of Act 34 and Act 40, and other applicable statutory provisions, for the purpose of refunding the Prior Bonds maturing in the years 2026 and 2036 and to pay the cost of issuance.

2. REFUNDING BOND TERMS.

a. The Bonds shall be designated "**Oakland-Macomb Interceptor Drain Drainage District, SAW Loan Series 2025 Refunding Bonds (Limited Tax General Obligation)**" and shall be issued in the aggregate principal amount not to exceed \$5,185,000 in anticipation of the collection of an equal amount of Oakland-Macomb Interceptor Drain Series 2015A (SAW Loan) Special Assessments, which for clarification purposes are drain assessments against the Public Corporations pursuant to the Oakland-Macomb Interceptor Drain Series 2014B Special Assessment Roll previously adopted by the Drainage Board prior to the sale of the Refunded Bonds. The term, "2015A (SAW Loan) Special Assessments", shall mean the drain assessments from 2014B Special Assessments Roll relating to the costs to finance the Project with the Series 2015A Bonds ("Prior Bonds"). The principal of and interest thereon to be payable in the first instance as to both principal and interest from the 2015A (SAW Loan) Special Assessments. The principal amount and shall be dated as of such date as shall be determined by the either the Chairperson of the Drainage Board (the "Chairperson") or the Secretary of the Drainage Board (the "Secretary") or any one of them, individually, who are each authorized and directed to take all actions necessary or desirable for the issuance of the Bonds (the "Authorized Officer"), and to execute any documents or certificates necessary to completed the issuance of the Bonds at the time of sale. The Bonds shall consist of bonds registered as to principal and interest in the denomination of \$5,000 or integral multiples of \$5,000 up to the amount of a single maturity, numbered consecutively in order of authentication from 1 upwards, callable prior to maturity as hereinafter provided, or such other date as may be determined by the Authorized Officer, and principal of, and interest shall be payable on such dates, in such years, and in such amounts, as may be determined by the Authorized Officer.

b. The Bonds shall be subject to mandatory redemption or redemption prior to maturity at the option of the Issuer, in any order, in whole or in part, as may be determined by the Authorized Officer. Except as otherwise determined by the Authorized Officer, Bonds called for redemption shall be redeemed at par, plus accrued interest to the date fixed for redemption.

c. With respect to partial redemptions, any portion of a Refunding Bond outstanding in a denomination larger than the minimum authorized denomination may be redeemed provided such portion and the amount not being redeemed each constitutes an authorized denomination. In the event that less than the entire principal amount of a Bonds is called for redemption, upon surrender of the Bond to the Bond Registrar, the Bond Registrar shall authenticate and deliver to the Registered Owner of the Bonds a new Bond in the principal amount of the principal portion not redeemed.

d. Notice of redemption shall be given to the Registered Owners of Bonds or portions thereof called for redemption by mailing of such notice by first class mail not less than thirty (30) days prior to the date fixed for redemption to the registered address of the Registered Owner of record, which notice shall fix the date of record with respect to the redemption. Any defect in such notice shall not affect the validity of the redemption proceedings. Bonds so called for redemption shall not bear interest after the date fixed for redemption provided funds are on hand with the Bond Registrar to redeem said Bonds.

e. The Bonds shall bear interest at a rate or rates determined on sale thereof, not exceeding six percent (6%) per annum, to be fixed by the proposals therefor, expressed in multiples of 1/8 or 1/20 of 1%, or both. The interest on any one bond shall be at one rate only. All Bonds maturing in any one year must carry the same interest rate. The interest rate borne by Bonds maturing in any year shall not be at a rate lower than the rate borne by Bonds maturing in any preceding year. The discount shall not exceed one percent (1.0%) and the premium shall not exceed the amount, if any, determined by the Authorized Officer. Interest shall be payable on October 1, 2025 and semiannually on each October 1 and April 1 thereafter, or on such others dates as may be determined by the Authorized Officer. Interest shall be paid by check drawn on the Bond Registrar mailed to the Registered Owner at the registered address, as shown on the registration books of the Issuer maintained by the Bond Registrar. Interest on the Bonds shall be computed using a 360-day year with twelve 30-day months.

f. Purchaser of the Bonds shall have the option of designating bonds as serial bonds or term bonds, or both. The bid must designate whether each of the principal amounts shown above represents a serial maturity or a mandatory redemption requirement for a term bond maturity. There may be more than one term bond designated. In the event that term bonds are utilized, the principal amount scheduled for maturity in the years shown above shall be represented by either serial bond maturities or mandatory redemption requirements, or a combination of both. Any such designation must be made at the time bids are submitted.

g. The Authorized Officer of the Issuer is hereby authorized to designate a paying agent and bond registrar (the "Bond Registrar") for the Bonds and to execute one or more agreements with the Bond Registrar on behalf of the Issuer. The Bond Registrar will keep records of the Registered Owners of the Bonds, serve as transfer agent for the Bonds, authenticate the original and any re-issued Bonds and pay interest by check or draft mailed to the Registered Owners of the Bonds as shown on the registration books of the Issuer kept by the Bond Registrar on the applicable date of record. The date of record for each interest payment shall be the 15th day of the month before such payment is due. The principal of the Bonds will be paid when due upon presentation and surrender thereof to the Bond Registrar. The Issuer may from time to time as required designate a successor bond registrar and paying agent.

3. BOND REGISTRAR AND PAYING AGENT/BOOK-ENTRY-ONLY. The Chairperson or Secretary of the Drainage Board shall designate and enter into an agreement with a bond registrar and paying agent for the Bonds which shall be a bank or trust company located in the State of Michigan which is qualified to act in such capacity under the laws of the United States of America or the State of Michigan. The Chairperson or Secretary of the Drainage Board may from time to time as required designate a similarly qualified successor bond registrar and paying agent. If so designated the Bonds shall be deposited with a depository trustee designated by the Chairperson or Secretary of the Drainage Board who shall transfer ownership of interests in the Bonds by book entry and who shall issue depository trust receipts or acknowledgments to owners of interests in the Bonds. Such book entry depository trust arrangement, and the form of depository trust receipts or acknowledgments, shall be as determined by the Chairperson or Secretary of the Drainage Board after consultation with the depository trustee. The Chairperson or Secretary of the Drainage Board is authorized to enter into any depository trust agreement on behalf of the Drainage District upon such terms and conditions as the Chairperson or Secretary of the Drainage Board shall deem appropriate and not otherwise prohibited by the terms of this Resolution, which Contract shall be executed by the Chairperson or Secretary of the Drainage Board. The depository trustee may be the same as the Registrar otherwise named by the Chairperson or Secretary of the Drainage Board, and the Bonds may be transferred in part by depository trust and in part by transfer of physical certificates as the Chairperson or Secretary of the Drainage Board may determine.

4. EXECUTION, AUTHENTICATION AND DELIVERY OF BONDS. The Bonds shall be executed in the name of the Drainage District by the facsimile signatures of the Chairperson of the Drainage Board and Secretary of the Drainage Board and authenticated by the manual signature of an authorized representative of the bond registrar and paying agent, and the seal of the Drainage District (or a facsimile thereof) shall be impressed or imprinted on the Bonds. After the Bonds have been executed and authenticated for delivery to the original purchaser thereof, they shall be delivered by the Chairperson or Secretary of the Drainage Board to the Purchaser upon receipt of the purchase price. Additional Bonds bearing the facsimile signatures of the Chairperson and Secretary of the Drainage Board and upon which the seal of the Drainage District (or a facsimile thereof) is impressed or imprinted may be delivered to the bond registrar and paying agent for authentication and delivery in connection with the exchange or transfer of the Bonds. The bond registrar and paying agent shall indicate on each Bond the date of its authentication.

5. EXCHANGE AND TRANSFER OF BONDS.

(i) The Bonds, upon surrender thereof to the bond registrar and paying agent with a written instrument of transfer satisfactory to the bond registrar and paying agent duly executed by the registered owner or his duly authorized attorney, at the option of the registered owner thereof, may be exchanged for Bonds of any other authorized denominations of the same aggregate principal amount and maturity date and bearing the same rate of interest as the surrendered Bonds.

(ii) The Bonds shall be transferable upon the books of the Drainage District, which shall be kept for that purpose by the bond registrar and paying agent, only upon surrender of such Bonds together with a written instrument of transfer satisfactory to the bond registrar and paying agent duly executed by the registered owner or his duly authorized attorney.

(iii) Upon the exchange or transfer of the Bonds, the bond registrar and paying agent on behalf of the Drainage District shall cancel the surrendered Bonds and shall authenticate

and deliver to the transferee new Bonds of any authorized denomination of the same aggregate principal amount and maturity date and bearing the same rate of interest as the surrendered Bonds. If, at the time the bond registrar and paying agent authenticates and delivers new Bonds pursuant to this Section, payment of interest on the Bonds is in default, the bond registrar and paying agent shall endorse upon the new Bonds the following: "Payment of interest on this bond is in default. The last date to which interest has been paid is _____, ____."

(iv) The Drainage District and the bond registrar and paying agent may deem and treat the person in whose name the Bonds shall be registered upon the books of the Drainage District as the absolute owner of such Bonds, whether such Bonds shall be overdue or not, for the purpose of receiving payment of the principal of and interest on such Bonds and for all other purposes, and all payments made to any such registered owner, or upon his or her order, in accordance with the provisions of Section 6 of this Resolution shall be valid and effectual to satisfy and discharge the liability upon such Bonds to the extent of the sum or sums so paid, and neither the Drainage District nor the bond registrar and paying agent shall be affected by any notice to the contrary. The Drainage District agrees to indemnify and save the bond registrar and paying agent harmless from and against any and all loss, cost, charge, expense, judgment or liability incurred by it, acting in good faith and without negligence hereunder, in so treating such registered owner.

(v) For every exchange or transfer of the Bonds, the Drainage District or the bond registrar and paying agent may make a charge sufficient to reimburse it for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer, which sum or sums shall be paid by the person requesting such exchange or transfer as a condition precedent to the exercise of the privilege of making such exchange or transfer.

(vi) The bond registrar and paying agent shall not be required to transfer or exchange the Bonds or portion of the Bonds which has been selected for redemption.

6. FORM OF BONDS. The Bonds shall be in substantially the following form:

**UNITED STATES OF AMERICA
STATE OF MICHIGAN**

**COUNTY OF MACOMB AND COUNTY OF OAKLAND
OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, SAW LOAN SERIES
2025 REFUNDING BONDS (LIMITED TAX GENERAL OBLIGATION)**

<u>INTEREST RATE</u>	<u>MATURITY DATE</u>	<u>DATE OF ORIGINAL ISSUE</u>	<u>CUSIP</u>
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Registered Owner:

Principal Amount:

The Oakland-Macomb Interceptor Drain Drainage District, County of Macomb and County of Oakland, State of Michigan (the "Drainage District"), for value received, hereby promises to pay to the Registered Owner specified above, or registered assigns, the Principal Amount specified above, in lawful money of the United State of America on the Date of Maturity, specified above, unless prepaid prior thereto as hereinafter provided, with interest thereon from the Date of Original Issue or such later to which interest as been paid, until paid, at the Interest Rate per annum specified above first payable [October 1, 20____], and semiannually on each [October] 1 and [April] 1 thereafter. Interest shall be calculated using a 360-day year with twelve 30-day months. Principal of this bond is payable upon surrender of the bond, at the office of _____. Michigan or such other paying agent and bond registrar as the Issuer may hereafter designate by notice mailed to the Registered Owner hereof (the "Bond Registrar"). Interest on this bond is payable to the Registered Owner of record as of the fifteenth (15th) day of the month preceding the payment date as shown on the registration books of the Issuer maintained by the Bond Registrar, by check or draft drawn upon, and mailed by, the bond registrar and paying agent by first-class mail postage prepaid to the Registered Owner at the registered address.

This refunding bond is one of a series of Bonds aggregating the principal sum of _____ Dollars (\$_____) issued by said Drainage District under and pursuant to and in full conformity with the Constitution and Statutes of Michigan and resolution adopted by the Drainage District (the "Resolution") for the purpose of refunding in part the outstanding Oakland-Macomb Interceptor Drain, Drainage Bonds, Series 2015A (SAW Loan) (General Obligation Limited Tax), dated April 16, 2025 and maturing in the years 2026 and 2036. The Bonds are to be issued pursuant to Chapter 21 of Act No. 40, Public Acts of Michigan, 1956 ("Act 40") and provisions of Act No. 34, Public Acts of Michigan, 2001, as amended ("Act 34"), in anticipation of, and are primarily payable from, collections of special assessments assessed against the public corporations (the "Public Corporations") as attached on Appendix I pursuant to Oakland-Macomb Interceptor Drain Series 2014B Special Assessment Roll for the Oakland-Macomb Interceptor Drain, which assessments are the general obligations of said public corporations.

In addition, as secondary security, and pursuant to the authorization in Section 526 of Act 40, the County of Macomb and the County of Oakland, by resolutions adopted by their respective Boards of Commissioners, have pledged the limited full faith and credit of the counties for the prompt payment of the principal of, and interest on the Bonds as the same shall become due in accordance with such resolutions. have been pledged therefor. As provided in said resolutions and Act 40, in the event any Public Corporations in Oakland County shall fail or neglect to account to the Oakland County Treasurer, and any public Corporation in Macomb County shall fail or neglect to account to the Macomb County Treasures, for the amount any special assessment

installment and interest (in anticipation of which the Bonds are issued) when due, then the amount there of shall be advanced from the funds of Oakland County or Macomb County, respectively, as provided in such resolutions. The full faith and credit of the Counties of Oakland and Macomb for the payment of the Bonds, are subject to constitutional tax rate limitations.

[Bonds of this issue maturing prior to [April 1, 20___] shall not be subject to redemption prior to maturity.]

[Bonds or portions of Bonds in integral multiples of \$5,000 of this issue maturing on and after [April 1, 20 ___] shall be subject to redemption prior to maturity, at the option of the Issuer, in any order, in whole or in part on any date on or after [April 1, 20 ___]. Bonds called for redemption shall be redeemed at par, plus accrued interest to the date fixed for redemption].

[Bonds maturing on [April 1, 20___] are subject to mandatory redemption prior to maturity in part by lot at a price equal to 100% of the principal amount to be redeemed, plus accrued and unpaid interest to the redemption date, but without premium, on the dates and in the amounts, subject to reduction for previously redeemed or purchased Bonds of the same maturity as follows:

Redemption Dates

Principal Amount]

With respect to partial redemptions, any portion of a refunding bond outstanding in a denomination larger than the minimum authorized denomination may be redeemed provided such portion as well as the amount not being redeemed each constitute an authorized denomination. In the event that less than the entire principal amount of a refunding bond is called for redemption, upon surrender of the Refunding Bond to the bond registrar, the bond registrar shall authenticate and deliver to the registered owner of the Refunding Bond a new refunding bond in the principal amount of the principal portion not redeemed.

Notice of redemption shall be sent to the registered holder of each refunding bond being redeemed by first class mail at least thirty (30) days prior to the date fixed for redemption, which notice shall fix the date of record with respect to the redemption if different than otherwise provided in the resolution authorizing the issuance of the Bonds. Any defect in such notice shall not affect the validity of the redemption proceedings. Bonds so called for redemption shall not bear interest after the redemption date, provided funds are on hand with the bond registrar to redeem the same.

It is hereby certified, recited and declared that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of the Bonds of this series, existed, have happened and have been performed in due time, form and manner as required by law, and that the total indebtedness of the Oakland-Macomb Interceptor Drain Drainage District and the County of Macomb and County of Oakland, including the series of Bonds of which this refunding bond is one, does not exceed any constitutional or statutory limitation.

This refunding bond is transferable, as provided in the Resolutions, only upon the books of the Drainage District kept for that purpose by the bond registrar and paying agent, upon the surrender of this refunding bond together with a written instrument of transfer satisfactory to the bond registrar and paying agent duly executed by the registered owner or his or her attorney duly authorized in writing. Upon the exchange or transfer of this refunding bond, a new refunding bond or Bonds of any authorized denomination, in the same aggregate principal amount and of the same interest rate and maturity, shall be authenticated and delivered to the transferee in exchange therefor as provided in the Resolutions, and upon payment of the charges, if any,

therein provided. Bonds so authenticated and delivered shall be in the denomination of \$5,000 or any integral multiple thereof not exceeding the aggregate principal amount for each maturity.

Neither the Issuer nor the Bond Registrar shall be required to transfer or exchange any Bonds or portion thereof either during the period of fifteen (15) days immediately preceding the date of mailing of any notice of redemption or (except as to the unredeemed portion, if any, of the refunding bond called for redemption) after such refunding bond or any portion of such bond has been selected for redemption.

It is hereby certified, recited and declared that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of the Bonds of this series, existed, have happened and have been performed in due time, form and manner as required by law, and that the total indebtedness of the Oakland-Macomb Interceptor Drain Drainage District and the County of Macomb and County of Oakland, including the series of Bonds of which this refunding bond is one, does not exceed any constitutional or statutory limitation.

IN WITNESS WHEREOF, the Oakland-Macomb Interceptor Drain Drainage District, Counties of Macomb and Oakland, State of Michigan, by the Drainage Board, has caused this refunding bond to be executed in its name by facsimile signatures of the Chairperson and the Authorized Officer of its Drainage Board and its corporate seal (or a facsimile thereof) to be impressed or imprinted hereon. This refunding bond shall not be valid unless the Certificate of Authentication has been manually executed by an authorized representative of the bond registrar and paying agent.

OAKLAND-MACOMB INTERCEPTOR
DRAIN DRAINAGE DISTRICT

By: _____
Chairperson, Drainage Board

And: _____
Authorized Officer, Drainage Board

CERTIFICATE OF AUTHENTICATION

This refunding bond is one of a series of Bonds described within the mentioned Order.

Bond Registrar and Paying Agent

By: _____
Authorized Representative

AUTHENTICATION DATE:

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto _____ (please print or type name, address, and taxpayer identification number of transferee) the within bond and all rights thereunder and does hereby irrevocably _____ constitute _____ and _____ appoint _____, attorney to transfer the within bond on the books kept for registration thereof, with full power of substitution in the premises.

Dated: _____

Signature Guaranteed: _____

The signature must be guaranteed by a commercial bank, a trust company or a brokerage firm which is a member of a major stock exchange.

7. **SECURITY.** The Bonds shall be issued in anticipation of the collection of an equal amount of special assessments against the Public Corporations based on the Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2015A (SAW Loan) (General Obligation Limited Tax) and the Oakland-Macomb Interceptor Drain Series 2014B Special Assessment Roll ("2014B Special Assessments") adopted by the Drainage Board prior to the sale of the Refunded Bonds. The term, "2015A (SAW Loan) Special Assessments", shall mean the assessments based on the 2014B Special Assessments Roll relating to the costs of the Project financed by the Series 2015A Bonds ("Prior Bonds"), and the interest thereon against the Public Corporations to be paid in installments, and set forth on the applicable special assessment roll as approved by the Drainage Board, and as corrected from time to time. The full faith and credit of the Drainage District is pledged hereby for the prompt payment of the principal of and interest on the Bonds as the same shall become due. A secondary security, the limited tax full faith and credit of the County of Macomb and County of Oakland will be pledged for the prompt payment of the principal of and interest on the Bonds upon a resolution to that effect approved by two-thirds of the members-elect of the respective Board of Commissioners of the County of Macomb and the County of Oakland.

8. **DEFEASANCE.** In the event cash or direct obligations of the United States or obligations the principal of and interest on which are guaranteed by the United States, or a combination thereof, the principal of and interest on which, without reinvestment, come due at times and in amounts sufficient to pay, at maturity or irrevocable call for earlier optional redemption, the principal of, premium if any, and interest on the Bonds or any portion of the Bonds, shall have been deposited in trust, this Bond Resolution shall be defeased with respect to such Bonds and the owners of the Bonds shall have no further right under this Bond Resolution except to receive payment of the principal of, premium if any, and interest on the Bonds from the cash or securities deposited in trust and the interest and gains thereon and to transfer and exchange Bonds as provided herein.

9. **PRINCIPAL AND INTEREST FUND.** There has been established for the Prior Bonds a Principal and Interest Fund which shall be kept in a separate bank account. From the proceeds of the sale of the Bonds there shall be set aside in the Principal and Interest Fund any premium and accrued interest received from the Purchaser of the Bonds at the time of delivery of the same.

All collections (including both principal and interest) of the 2015A Special Assessments (as defined herein) for the Oakland-Macomb Interceptor Drain shall be placed in the Principal and Interest Fund. The Authorized Officer shall cause moneys in the Principal and Interest Fund to be transferred to the bond registrar and paying agent for the Prior Bonds and to the bond registrar and paying agent for the Bonds as necessary for the payment of the interest on the Prior Bonds maturing in the year 2026 and thereafter, and the payment of the principal of and interest on the Bonds.

10. INVESTMENTS. Moneys in the Bond Payment Fund may be continuously invested and reinvested in United States government obligations, obligations the principal and interest on which are unconditionally guaranteed by the United States government, or in interest-bearing time deposits selected by the Authorized Officer which are permissible investments for surplus funds under Act No. 20, Public Acts of Michigan, 1943, as amended. Such investments shall mature, or be subject to redemption at the option of the holder, not later than the dates moneys in such fund will be required to pay the principal of, premium, if any, and interest on the Bonds. Obligations purchased as an investment of moneys in the Bond Payment Fund shall be deemed at all times to be a part of such fund, and the interest accruing thereon and any profit realized from such investment shall be credited to such fund.

11. DEPOSITORIES. All of the banks located in the State of Michigan are hereby designated as permissible depositories of the moneys in the funds established by this Resolution, except that the moneys in the Bond Payment Fund shall only be deposited in such banks where the principal of, premium, if any, and interest on the Bonds are payable. The Authorized Officer of the Drainage District shall select the depository or depositories to be used from those banks authorized in this Section.

12. ARBITRAGE AND TAX COVENANTS. Notwithstanding any other provision of this Resolution, the Drainage District covenants that it will not at any time or times:

a. Permit any proceeds of the Bonds or any other funds of the Drainage District or under its control to be used directly or indirectly (i) to acquire any securities or obligations, the acquisition of which would cause any Refunding Bond to be an "arbitrage bond" as defined in Section 148 of the Internal Revenue Code of 1986, as amended (the "Code"), or (ii) in a manner which would result in the exclusion of any Refunding Bond from the treatment afforded by Section 103(a) of the Code by reason of the classification of any Refunding Bond as a "private activity bond" within the meaning of Section 141(a) of the Code, as a "private loan bond" within the meaning of Section 141(a) of the Code or as an obligation guaranteed by the United States of America within the meaning of Section 149(b) of the Code; or

b. Take any action, or fail to take any action (including failure to file any required information or other returns with the United States Internal Revenue Service or to rebate amounts to the United States, if required, at or before the time or times required), within its control which action or failure to act would (i) cause the interest on the Bonds to be includible in gross income for federal income tax purposes, cause the interest on the Bonds to be includible in computing any alternative minimum tax (other than the alternative minimum tax applicable to interest on all tax-exempt obligations generally) or cause the proceeds of the Bonds to be used directly or indirectly by an organization described in Section 501(c)(3) of the Code, or (ii) adversely affect the exemption of the Bonds and the interest thereon from the State of Michigan income taxation.

13. NOT QUALIFIED TAX-EXEMPT OBLIGATIONS. The Bonds are not designated as "qualified tax-exempt obligations" for purposes of deduction of interest expense by financial

institutions under the provisions of Section 265 of the Code unless, at the time of the circulation of the Request for Proposal, the Bonds are determined to be eligible for such designation in which case the Request for Proposal shall reflect such change.

14. DEFEASANCE OR REDEMPTION OF BONDS. If at any time,

a. the whole amount of the principal of, premium, if any, and interest on all outstanding Bonds shall be paid, or

b. (i) sufficient moneys, or Government Obligations (as defined in this Section) not callable prior to maturity, the principal of, premium, if any, and interest on which when due and payable will provide sufficient moneys, to pay the whole amount of the principal of, premium, if any, and interest on all outstanding Bonds as and when due at maturity or upon redemption prior to maturity shall be deposited with and held by a trustee or an escrow agent for the purpose of paying the principal of, premium, if any, and interest on such Bonds as and when due, and (ii) in the case of redemption prior to maturity, all outstanding Bonds shall have been duly called for redemption (or irrevocable instructions to call such Bonds for redemption shall have been given)

then, at the time of the payment referred to in clause (a) of this Section or of the deposit referred to in clause (b) of this Section, the Drainage District shall be released from all further obligations under this Resolution, and any moneys or other assets then held or pledged pursuant to this Resolution for the purpose of paying the principal of, premium, if any, and interest on the Bonds (other than the moneys deposited with and held by a trustee or an escrow agent as provided in clause (b) of this Section) shall be released from the conditions of this Resolution, paid over to the Drainage District and considered excess proceeds of the Bonds. In the event moneys or Government Obligations shall be so deposited and held, the trustee or escrow agent holding such moneys or Government Obligations shall, within 30 days after such moneys or Government Obligations shall have been so deposited, cause a notice signed by it to be given to the registered holders hereof not more than sixty (60) days nor less than forty-five (45) days prior to the redemption setting forth the date or dates, if any, designated for the redemption of the Bonds, a description of the moneys or Government Obligations so held by it and that the Drainage District has been released from its obligations under this Resolution. All moneys and Government Obligations so deposited and held shall be held in trust and applied only to the payment of the principal of, premium, if any, and interest on the Bonds at maturity or upon redemption prior to maturity, as the case may be, as provided in this Section.

The trustee or escrow agent referred to in this Section shall (a) be a bank or trust company permitted by law to offer and offering the required services, (b) be appointed by resolution of the Drainage District, and (c) at the time of its appointment and so long as it is serving as such, have at least \$25,000,000 of capital and unimpaired surplus. The same bank or trust company may serve as trustee or escrow agent under this Section and as Bond Registrar so long as it is otherwise eligible to serve in each such capacity.

As used in this Section, the term "Government Obligations" means direct obligations of, or obligations the principal, premium, if any, and interest on which are unconditionally guaranteed by, the United States of America.

15. APPROVAL OF THE DEPARTMENT OF TREASURY. The issuance and sale of the Bonds may be subject to permission being granted therefor by the Department of Treasury of the State of Michigan and the Chairperson may make application, if necessary, to the Department of Treasury for permission to issue and sell the Bonds as provided by the terms of this resolution.

16. SALE, AWARD, ISSUANCE, DELIVERY, TRANSFER AND EXCHANGE OF BONDS.

The Authorized Officer of the Drainage Board shall determine the principal amount of the Bonds to be sold and shall determine the other bond details as described in Section (A) subsections 2 and 4 and hereof. The Authorized Officer is authorized to award the Bonds as provided in section (A) subsection 7 and to do all things necessary to effectuate the sale, issuance, delivery, transfer and exchange of the Bonds in accordance with the provisions of this resolution.

17. REPLACEMENT OF BONDS. Upon receipt by the Authorized Officer of proof of ownership of an unmatured bond, of satisfactory evidence that the refunding bond has been lost, apparently destroyed or wrongfully taken and of security or indemnity which complies with applicable law and is satisfactory to the Authorized Officer, the Authorized Officer may authorize the bond registrar and paying agent to deliver a new executed refunding bond to replace the refunding bond lost, apparently destroyed or wrongfully taken in compliance with applicable law. In the event an outstanding matured refunding bond is lost, apparently destroyed or wrongfully taken, the Authorized Officer may authorize the bond registrar and paying agent to pay the refunding bond without presentation upon the receipt of the same documentation required for the delivery of a replacement refunding bond. The bond registrar and paying agent for each new refunding bond delivered or paid without presentation as provided above shall require the payment of expenses, including counsel fees, that may be incurred by the bond registrar and paying agent and the Drainage District in the premises. Any refunding bond delivered pursuant to the provisions of this Section 17 in lieu of any refunding bond lost, apparently destroyed or wrongfully taken shall be of the same form and tenor and be secured in the same manner as the refunding bond in substitution for which such refunding bond was delivered.

18. TAX COVENANT. The Drainage District covenants to comply with all requirements of the Internal Revenue Code of 1986, as amended, necessary to assure that the interest on the Bonds will be and will remain excludable from gross income for federal income tax purposes. The Chairperson or Authorized Officer is authorized to do all things necessary to assure that the interest on the Bonds will be and will remain excludable from gross income for federal income tax purposes.

19. OFFICIAL STATEMENT. If necessary, the Drainage District shall cause the preparation of an official statement for the Bonds for the purpose of enabling compliance with Rule 15c2-12 issued under the Securities and Exchange Act of 1934, as amended (the "Rule") and shall do all other things necessary to enable compliance with the Rule. After the award of the Bonds, the Drainage District will provide copies of a "final official statement" (as defined in paragraph (e)(3) of the Rule) on a timely basis and in reasonable quantity as requested by the successful bidder or bidders to enable such bidder or bidders to comply with paragraph (b)(4) of the Rule and the rules of the Municipal Securities Rulemaking Board.

20. CONTINUING DISCLOSURE. The Authorized Officer is hereby authorized to execute and deliver in the name and on behalf of the Drainage District (i) a certificate of the Drainage District to comply with the requirements for a continuing disclosure undertaking of the Drainage District 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"). The Drainage District hereby covenants and agrees that it will comply with and carry out all of the provisions of the Continuing Disclosure Certificate. The remedies for any failure of the Drainage District to comply with and carry out the provisions of the Continuing Disclosure Certificate shall be as set forth therein.

21. FILING WITH MUNICIPAL FINANCE DIVISION. If necessary, the Chairperson is authorized and directed to:

- a. apply to the Municipal Finance Division of the Michigan Department of Treasury for approval of the sale of the Bonds;
- b. file with such application all required supporting material; and
- c. pay all fees required in connection therewith.

22. COMPETITIVE SALE OR NEGOTIATED SALE. Depending on the circumstances the District shall have the flexibility to sell the Bonds at either a Competitive or Negotiated sale as shall be determined by the Authorized Officer in consultation with the Drainage District's Bond Counsel and Municipal Financial Advisor.

a. COMPETITIVE SALE: If a Competitive Sale is chosen, the District hereby authorizes its Bond Counsel to publish a Notice of Sale at least seven days prior to the date fixed for receipt of bids for the purchase of the Bonds. The Notice of Sale approved by the Authorized Officer after consultation with the District's Bond Counsel and Municipal Advisor. The Authorized Officer will award sale of the Bonds to the bidder whose bid meets the requirements of law and which produces the lowest true interest cost to the Drainage District computed in accordance with the terms of the Notice of Sale as published. If fewer than three (3) bids are received from underwriters (as defined by the Internal Revenue Code) at the time set for competitive sale, the District may reject all bids and carry out a negotiated sale to comply with the regulations of Treas. Reg. § 1.148-1(f). After sale of the Bonds, the Authorized Officer will sign an order, certificate, or purchase agreement approving sale of the Bonds.

b. NEGOTIATED SALE: If a Negotiated sale is chosen, the Bonds may be sold pursuant to a negotiated sale as hereinafter provided if it is determined that such negotiated sale is in the best interests of the Drainage District and is calculated to provide the maximum flexibility and cost savings in pricing the Bonds. The Authorized Officer is hereby authorized to negotiate and enter into a bond purchase agreement with a Bank or an underwriter and any co-managing underwriters to be selected by the Authorized Officer after a placement agent has solicited proposals from Banks and other Underwriters at or prior to the time of the sale of the Bonds (together, the "Underwriters"), which bond purchase agreement shall set forth the principal amount, principal maturities and dates, interest rates and interest payment dates, redemption provisions, if any, purchase price to be paid by the Underwriters and compensation to be paid to the Underwriters, as well as such other terms and provisions as the Authorized Officer determines to be necessary or appropriate in connection with the sale of the Bonds. The Authorized Officer is authorized to do all things necessary to effectuate the sale, issuance, delivery, transfer, and exchange of the Bonds in accordance with the provisions of this resolution. To save time and cost the District may apply for a municipal bond rating exemption waiver from the Michigan Department of Treasury. In making the determinations in the bond purchase agreement with respect to principal maturities and dates, interest rates, purchase price of the Bonds and compensation to be paid to the Underwriters, the Authorized Officer shall be limited as follows:

- (i) The interest rate on any bond shall not exceed 6.00% per annum.

(ii) The Underwriters' discount with respect to the Bonds or the compensation to be paid to the Underwriters shall not exceed 1.00% of the principal amount of the Bonds.

23. RETENTION OF BOND COUNSEL. The firm of Clark Hill, PLC, attorneys of Detroit, Michigan, is hereby retained to act as bond counsel for the Drainage District in connection with the issuance, sale and delivery of the Bonds.

24. RETENTION OF FINANCIAL CONSULTANTS. MFCI, LLC, Milford, Michigan, is hereby retained to act as financial consultant and advisor to the Drainage District in connection with the sale and delivery of the Bonds.

25. CONFLICTING RESOLUTIONS. All resolutions and parts of resolutions in conflict with the foregoing are hereby rescinded.

26. EFFECTIVE DATE. This Resolution shall become effective immediately upon its adoption and shall be recorded in the minutes of the Drainage District as soon as practicable after adoption.

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

YES: _____

NO: _____

ABSTAIN: _____

The resolution was declared adopted.

EXHIBIT A

The Bonds are to be issued in anticipation of the collection of special assessments under the provisions of Chapter 21 of Act 40, Public Acts of Michigan, 1956, as amended (the "Drain Code") and based on the Oakland-Macomb Interceptor Drain Drainage District Drain, Series 2015A (formerly known as 2014A Series) Special Assessment roll adopted by the Drainage Board prior to the sale of the Refunded Bonds, against the following Public Corporations: City of Auburn Hills, Independence Township, the City of Lake Angelus, the City of Rochester, the City of Rochester Hills, Oakland Township, Orion Township, Oxford Township, the Village of Lake Orion, the Village of Oxford, Waterford Township, and West Bloomfield Township, each in Oakland County, Michigan; and Chesterfield Township, the City of Fraser, the City of Sterling Heights, the City of Utica, Clinton Township, Harrison Township, Lenox Township, Macomb Township (includes Washington Township), Shelby Township, and the Village of New Haven, each in Macomb County, Michigan and any other persons assessed under the applicable provisions of the Drain Code with respect to the Project, on the applicable Special Assessment Roll for the District, for the purpose of paying the costs of performing certain drainage projects and the costs of issuance of the Bonds. The assessments are a general obligation of the Public Corporations and are payable from the respective Public Corporations' general funds or from ad valorem taxes which may be levied on all taxable property in the Public Corporations, subject to constitutional, statutory and charter limitations.

CERTIFICATION OF PROCEEDINGS

I, Jim Nash, Authorized Officer of the Drainage Board, hereby certify that (1) the foregoing is a true and complete copy of proceedings of the Drainage Board for the Drainage District referred to therein, at a meeting duly called, convened and held on the date and at the time and place therein stated, at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended) and (4) minutes of such meetings were kept and will be or have been made available as required thereby.

DATED: _____

Jim Nash, Authorized Officer of the Drainage Board

Agenda Item No. 7

Change Order

CHANGE ORDER NO. FIFTY
Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)
For Construction of the Pump and Electrical Upgrades Project
Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

**CONSTRUCTION MANAGER,
AT RISK (CMAR)
Walsh Construction Co. II, LLC**

Authorization for: 1.) Sanitary Pump # 2 Power Source Transfer; 2.) Install Electric Unit Heaters for Motor Room Floor Lavatory and also the Dry Well Elevator Machine Room.; 3.) Provide specialized leak-sealing services to seal groundwater inflow at the wall- base slab at the Level 6 floor area.; 4.) Furnish and install A Hazardous Atmosphere Safety Switch on the Wet Well Machine Room Door to the hoist-way ladder area.;5.) Furnish and install a Wet Well Elevator Pit Light and Machine Room Light; 6.) Relocate the Motor Room Temperature and humidity sensor.

Address:

Walsh Construction Co. II , LLC
3031 West Grand Blvd., Suite 640
Detroit, MI 48202

Change Order No. 50 Date: April 04, 2025

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p style="text-align: center;"><u>LOCATION</u></p> <p><i>All the Work items noted herein are located at the Northeast Sewage Pumping Station (NESPS) in Detroit, Wayne County, Michigan.</i></p>					
50-1	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish labor, materials, and engineering support to provide new electrical and communications connections to the existing Ebara Sanitary Pump # 2.</p> <p><u>REASON:</u></p> <p>Following extended review of pump performance issues, it was determined that the existing Ebara Pump # 2 and motor should remain in routine service at the NESPS rather</p>	LS	1 ea.	\$304,541.93	\$304,541.93	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
50-1	<p>than replacement with a new (smaller capacity) Flowserve pump as originally planned.</p> <p>The continued use of the VFD powered Pump #2 required re-routing of cable and conduit from the new electrical building to the existing VFD Shelter and also required re-routing, connection, and testing of signal wires and cables to monitor and control Pump 2 operations.</p> <p>Included also in this task is the connection to the GLWA "Ovation" system and the associated programming. Lastly, now-abandoned cables, wiring, and accessories considered as potentially of use for future needs were carefully organized, end sealed to prevent moisture migration and stored in appropriate locations within the NESPS.</p> <p>Attachment: Walsh Construction Co. PCI # 970251</p>					
50-2	<p><u>DESCRIPTION: (Change/ Delete):</u></p> <p>Furnish and install replacement Electric Unit Heaters in the Motor Room Lavatory and additionally in the Dry Well Elevator Machine Room.</p> <p><u>REASON:</u></p> <p>The existing Unit Heaters were of original construction and found to be beyond a remaining expected service life and required removal, rewiring, and replacement</p> <p>Attachment: Walsh Construction Co. PCI 970199</p>	LS	1 ea.	\$ 15,011.29	\$ 15,011.29	-0-
50-3	<p><u>DESCRIPTION: (Change/ Add):</u></p> <p>Provide additional effort to chemically grout and seal groundwater infiltration at the Level 6 Wall-Floor perimeter construction joint area.</p>	LS	1 ea.	\$ 19,509.82	\$ 19,509.82	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
50-3	<p><u>REASON:</u></p> <p>While previous leak sealing efforts at this location were initially successful, the groundwater was then forced to seek other areas to relieve the hydrostatic head (a common occurrence with grouting operations). This additional effort served to identify and complete the sealing of new groundwater infiltration in the Level 6 area.</p> <p>Attachment: Walsh Construction Co. PCI No. 970255</p>					
50-4	<p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Furnish and install an Access Door Limit Switch in the Wet Well Elevator hatchway door.</p> <p><u>REASON:</u></p> <p>For security and safety reasons, it was determined to be necessary to install an Access Door Limit Switch. This device prevents the operation of the elevator if the Machine Room Access Door to the hatchway is opened.</p> <p>Attachment: Walsh Construction Co. PCI # 970259</p>	LS	1 ea.	\$ 6,103.89	\$6,103.89	-0-
50-5	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish and install hazardous-area light fixtures, including conduit and wiring, in the Wet Well Elevator Pit area and in the Machine Room.</p> <p><u>REASON:</u></p> <p>The original specialized elevator light fixture in the Wet Well elevator pit was damaged by long term water intrusion and required removal and replacement. The additional light fixture in the Wet Well Elevator Machine room was required to satisfy minimum elevator code illumination requirements.</p>	LS	1 ea.	\$ 26,357.13	\$ 26,357.13	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
50-5	Attachment: Walsh Construction Co. PCI 970261					
50-6	<p><u>DESCRIPTION (Change/ Add):</u></p> <p>Relocate the Temperature and Humidity Sensors from the Electrical Mezzanine to the lower Motor Room Electrical Chase Wall.</p> <p><u>REASON:</u></p> <p>The existing temperature and humidity instrumentation was formerly located in the original Electrical Mezzanine Control area. This space has now been cleared of the original electrical equipment, and the Temperature/ Humidity Sensors required relocation for continuing service. The new location for this instrumentation is the divider wall in the Motor Room adjacent to the electrical chase area.</p> <p>Attachment: Walsh Construction PCI 970264</p> <p>*****</p> <p>END OF LINE ITEMS FOR CHANGE ORDER NO. 50.</p> <p><i>Note: Change Order No. 50, Items 50-1, 50-2, and 50-5 represent a final settlement of all matters relating to this Change Order for all damages and costs, as more specifically stated on Page 6 below, except those damages and costs exclusively related to the delay in the Substantial Completion date of the project, if any, that results from this Change Order. Walsh reserves the right to make a request for an equitable adjustment to the Contract Time(s) for Substantial Completion and/or Final Completion of the Project and to the Contract Sum, for damages and costs exclusively related to the delay to the Substantial Completion date of the Project, if any, that results from this Change Order.</i></p> <p>*****</p>	LS	1 ea.	\$ 9,376.51	\$ 9,376.51	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease

	NESPS Pump & Elec. Change Order #50			----	----	----
					Amount Increase	Amount Decrease
				Change Order # 50 Totals	\$ 380,900.57	-0-
				Net Changes (Increase)	\$ 380,900.57	-----

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

Date:

4-04-2025

Recommended By:
John Michalski, P.E.
Engineer of Design, Applied Science, Inc.

Date:

4/9/2025

Approved By:
Joel Brown, P.E.
Chief Engineer,
Construction Projects
Unit, WRC

Date:

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

Date:

4-10-2025

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

Date:

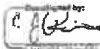
April 10, 2025

Except as included in this Change Order, the *Agreement* remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and all effects of such change on unchanged Work and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Construction Manager attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order including any costs resulting from or caused by delays, impacts, acceleration, disruption, or loss of efficiency encountered by Construction Manager in the performance of the Work related to the Change Order, except as expressly identified and specifically reserved in the Change Order.

In addition, Construction Manager for itself, its Subcontractors and any other persons or entities acting by, through, or under them (collectively, "Releasers"), releases Owner, from any and all actual or potential claims or demands for delays, disruptions, additional work, additional compensation or an extension of the Contract Time, which Releasers may have, or in the future might have, against Owner, by reason of, based, on or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order, except as expressly identified and specifically reserved in the Change Order. This Change Order supersedes any referenced Work Directive.

The Construction Manager agrees to do the work described above and agrees to accept the Contract Sum and the Contract Time adjustments in full on the basis indicated.

Accepted by:



Date

Apr-04-2025 | 12:27 PM CDT

Title Program Manager

of:

Walsh Construction Co. II, Inc.

This Change Order No. 50 was approved by the Drainage Board on: Date:

Attachment No. 1 to Change Order No. Fifty

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. Fifty (April 04, 2025)
OMID NESPS Pump & Electrical Upgrades Project

Construction Manager at Risk: Walsh Construction Co. II

Project Award Date (Pre-Construction Services)	December 16, 2019
Notice to Proceed Date (Construction Phase)	October 23, 2020
Contract Substantial Completion Date (Original)	March 28, 2023
Contract Final Completion Date (Original)	June 22, 2023
Total GMP Contract Value (Including Control Structure 9) (Reconciled for separation of Pre-Construction Costs)	\$ 42,933,381.88
C.O. Values # 7 through # 49, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 8,270,025.95
This Change Order # 50	\$ 380,900.57
Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 50)	\$ 51,584,308.40

Agenda Item No. 8

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. Fifty-Four ✓
Page One of Two

Period: March 01 through March 31, 2025 ✓
Rev. 4-07-2025

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: C.O. # 49	\$385,705.43
Previous C.O.s: (Numbers 7 through No. 48 and CS-9 # 1 through # 4)	\$7,929,655.55
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 (Including C.O. # 49)	\$51,248,742.87 ✓
Sub-Total To Date	\$ 47,796,669.98
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,562,437.14
Additional Reserve: Schneider Electric Line Items # 103 to # 116	\$ 394,922.40
Reduction in Reserve for Specific Subcontractors Reaching Final Completion Status	\$ (557,420.71)
Total Amount Allowed To Date: (Work in Place = 93 % complete)	\$45,396,731.15
Less Previous Estimates: (Balance to Finish: \$ 3,452,072.89	\$44,409,889.67 ✓
Total Amount Due to Contractor (Payment and Reserve Reduction)	\$986,841.48
Payment Due (Less Reserve Reduction)	\$429,420.77
Reserve Payment to Contractor	\$557,420.71

WRC Auditor: *HDG* 4/8/25

Amt. to be Reserved (Including Schneider Withholding and/ Negotiated Subcontractor Reductions-See Abov	2,399,938.83
Less Previous Transfer to Reserve	2,957,359.54 ✓
Amount of Current Transfer of Reserve to Contractor	(\$557,420.71)

Regular Construction Estimate No. 54: March 01 through March 31, 2025 - NESPS Pump & Electrical Upgrades

Page 2 of 2

Prepared by: 


Date: 4-08-2025

Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Recommended by: 

Date: 4/9/2025

John Michalski, P.E., ASI

Recommended by: 

Date: 4/15/2025

Joel Brown, P.E. Oakland County WRC

Recommended by: 

Date: 4-10-2025

Stephen Downing; Macomb County OPWC

Regular Construction Estimate No. 54; 3-01-25 to 3-31-25
Northeast Sewage Pumping Station; Pump & Electrical Upgrades

Approved By Board On: _____

CONSTRUCTION ESTIMATE

Jim Nash, Oakland County Water Resources Commissioner
 Oakland-Macomb Interceptor Drain Drainage District
 Odor and Corrosion Control Systems within the OMID
 Sterling Heights, Macomb County, Michigan

Construction Estimate No. 5 ✓

03/01/2025 to 03/31/2025 ✓

Department No.: 6010101
 Fund No.: FND84919
 Project No.: PRJ-17705
 PO No.: PO00070509
 Contractor: Commercial Contracting Corporation
 Address: 4260 N. Atlantic Blvd
 Auburn Hills, MI 48326

Account No.: 730352
 Program No.: PRG149015
 Activity: 1-FAC_ACO
 Vendor No.: 0000021677
 Contract No.: CON0011068
 Date of Contract: 7/1/2024
 Completion Date: 7/1/2026

Original Contract Amount:		\$7,419,000.00
Previous Change Order Numbers (none):		\$0.00 ✓
Change Orders This Estimate Numbers (none):		\$0.00
Total Net Change Orders:		\$0.00
Adjusted Contract Amount:		\$7,419,000.00 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$756,717.41
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	10.20%	\$756,717.41
Less Amount Reserved: (10% of Gross Estimate)		\$75,671.74
Total Amount Allowed To Date:		\$681,045.67
Less Previous Estimates:		\$593,220.17 ✓
Net Payment Request To Be Paid To Contractor:		\$87,825.50
Reserve Payment to Contractor		\$0.00
Balance to Finish	\$6,662,282.59 ✓	Accounting Auditor: HDG 4/2/25
Less Previous Transfers To Reserve:		\$65,913.35 ✓
Amount of Current Transfer:		\$9,758.39

Prepared and Recommended by: Jason G. Matteo
 Jason Matteo, P.E., Jacobs

Date: 4/1/2025

Approved by: Jen Cook
 Jen Cook, P.E., OCWRC

Date: 4/3/2025

Approved by: Stephen Downing
 Steve Downing, MCPWO

Date: 4/3/2025

Approved by: Joel Brown
 Joel Brown, P.E., OCWRC

Date: 4/4/2025

Approved by OMIDDD Drain Board on: _____

JIM NASH**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

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

Regular Construction Estimate No. 01 (Contract: NIEA 2-B Only) ✓ Period: March 01, 2025 through March 31, 2025 ✓

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

Contractor: Z Contractors, Inc. 50500 Design Lane Shelby Township, MI 48315	Vendor # TBD Contract # 10396 License # 07130 exp. 4-30-25 Final Completion Date: October 29, 2025 C-2B Adjusted- C.O.#0001	NTP 3/10/25
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Original Construction Contract Amount	(Contract 2-B, Only)	\$3,108,150.00
Previous Change Orders		\$0.00 ✓
Change Orders This Estimate: No. One		\$392,350.00
Total Net Change Orders:		\$392,350.00
Adjusted Contract Amount: (Contract 2A Only)		\$3,500,500.00 ✓
Sub-Total To Date		\$128,000.00
Less Deductions: None		\$0.00
Gross Estimate, Work in Place	4 % Complete	\$128,000.00
Less Amount Reserved : 10% of amount earned		\$12,800.00
Total Amount Allowed To Date:		\$115,200.00
Less Previous Estimates		\$0.00 ✓
Net Payment Request To Be Paid To Contractor:(Sum of Work Complete Retainage Reduction)		\$115,200.00
Reserve Payment to Contractor:		\$0.00
Balance to Finish: \$ 3,372,500 ✓	Accounting Auditor: HDG 4/1/25	
Amount to be Reserved from Above		\$12,800.00
Less Previous Transfers To Reserve:		\$0.00 ✓
Total Value of Reserve		\$12,800.00

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

Date: 4-2-2025

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

Date: 4/2/2025

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

Date: 4/4/2025

Recommended by: Stephen Downing
Stephen Downing; Macomb County OPWC

Date: 4/3/2025

Regular Pay Estimate No. 01; March 01, 2025 through March 31, 2025 Approved By Board On: _____

Agenda Item No. 9

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

Oakland Macomb Interceptor Drain Drainage District (OMIDDD)

Progress Update for Various Rehab Projects

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.

April 16, 2025 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (April 8, 2025) 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/Corrosion Control Systems: Construction NTP Sept. 10, 2024

Amount Invoiced:

- | | |
|---|----------------|
| • CCC Construction Contract Value: | \$7,419,000.00 |
| • Total CCC Spent (including Pay Est. No. 5, through February 25, 2025) | \$756,717.41 |
| • Jacobs Team Project Budget (with EWO#5): | \$2,350,161.86 |
| • Total Jacobs Spent (Invoice No. 23, through March 28, 2025): | \$1,186,277.54 |

Schedule Status:

- Construction Notice to Proceed was September 10, 2024.
- Construction is currently on time according to CCC's latest project schedule.
- Final Completion for the overall project is April 25, 2026.

Status of Major Project Tasks:

- Key submittals for long-lead equipment items are being prepared by CCC for Jacobs to review. CCC prepared a design and informational submittal for the ST-S-3 temporary earth retention system (TERS), which was approved with no exceptions by the Jacobs team.
- CCC began site construction at the ST-S-3 site (Dodge Park Road and Sorrento Blvd; replica house) in late-March 2025.
- Sterling Heights recently bid a local sewer lining project in Dodge Park Road near the ST-S-3 site. OMIDDD and Jacobs are coordinating with the City to assess potential conflicts with this project.
- Jacobs evaluated provisions to add odor control "polishing" at the ST-S-3 site, if determined to be desired in the future. A field order was prepared and issued to CCC. No modifications to the replica house are anticipated.
- As part of their contract, Jacobs is conducting an odor study at Control Structure No. 9 (10 Mile Road and the ITC Corridor in City of Warren) due to ongoing odor complaints. This additional effort is ongoing and is covered under two contract amendments (EWO #4 and EWO #5). Jacobs provided a

summary of initial findings based on review of the CS-9 data collected by MCPWO. The project team kicked off the additional odor/corrosion monitoring to be conducted by Jacobs in late-March 2025.

- Permitting activities include the Sterling Heights' Engineering Department site plan review, which was completed, pending permits to be pulled by CCC. Sterling Heights' Building Department site plan review was also completed. Jacobs processed payment of the Engineering Review fee, with reimbursement by OMIDDD. CCC is coordinating with the City regarding remaining permits/approvals and with utility providers for utility relocates (e.g., DTE).



Bypass set-up at ST-S-3



Equipment onsite at ST-S-3

SRF Segment 2 (Contract 3) Status: Complete

SRF Segment 3 (Contract 4) Status: Complete

SRF Segment 4 (Contracts 5-7) Status: Complete
NESPS Odor/Corrosion Control System: 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 (pending final property agreements) for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Solicitation of bids is on hold pending negotiations and final agreement with ITC and other property owners. Now pursuing a perpetual licensing agreement with ITC.
- Remaining items in the final emergency plan include punch-list and 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.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDD, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- Minor Pump trips have plagued pump run operations over the last few weeks. Metco and electrical contractors are working on a resolution.
- Current demolition activities have not negatively impacted station operations.
- Station wide interior improvements continue. Painting of walls is complete, touch up painting continues, and cleaning of intermediate floors (floors 2 through 5) is underway.
- Installation of the new wet well elevator continues with completion scheduled for late April 2025.
- Sanitary Pump #4 variable frequency drive and pump continue to perform well. So far, no unusual conditions to report.
- During a wet well drawdown on January 16, 2025, an increase in debris was observed on the bar screens, particularly on the south side. Doetsch was called upon to remove and take away debris. A return visit to service the south side occurred during this reporting period. Next cleaning (second quarter) is tentatively planned for June 2025.
- New Sanitary Pump #6 has been placed in rotation with existing pumps and is performing adequately.
- New pump auto sequencing workshops begun. The goal is to automatically sequence pumps through Dry/Wet Weather modes of operation based upon elevation and flow in the system.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1, #3, #4, #5, #6, and dewatering pump are ready for duty. Pumps #1, #3, and #5 have not performed to the design capacity but are provisionally approved by the manufacturer for use. Sanitary #6 has been installed with inlet suction vanes and is pumping an average of about 80cfs (below design but better than other new pumps). Current Total Pumping Capacity equals 400cfs. Contract Capacity is 423cfs with a Firm Capacity of 400cfs.
- Sanitary Pump #2 is out of service as of February 10, 2025. A “re-feed” of electrical service to new electrical gear will take about 10 weeks (scheduled for completion in mid April, 2025).
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- New dry well submersible sump Pumps #1 and #2 continue to perform with no issues.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMIDDD. Contractors are fulfilling their NEXGEN requirements with no outstanding issues.
- HVAC: New oxygen sensors are performing as designed. Rounds are conducted daily. Unit air filters are re-stocked and changed as required. Station ventilation and gas detection continue to be closely monitored.
- Bio Filter performance has been acceptable. No odor-related complaints have been reported.
- 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, CS-9):

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting).

- No odors noticed by OMIDDD personnel during normal field operations. Routine manhole cover inspections within the ITC Corridor will re-commence as weather becomes more suitable this spring.
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-5, CS-6, CS-7 and CS-8 gates are in stand-by mode and ready for service.
- CS-9 has a hydraulic leak impacting the functionality of one out of two gates within the larger bulkhead gate. Gate #2 has been isolated until repairs are completed but can be used in an emergency. Repair is planned for the week of April 7, 2025.
- 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, EGLE approval of gate use for long term flow management, and recent inspection and repair status.

OMID Control Structure Upgrades Status (on hold):

- ASI is complete with design of major upgrades to control structures which takes into consideration long-term operability.
- Currently considering options for contract delivery (i.e., one or multiple contracts, etc.)
- Currently evaluating potential impacts on other projects and best timing for construction, tentatively planned for some time in 2025.

OMID System 6-Year Inspection and Related Repair Status:

- All inspections are complete and the final report has been finalized. Certain maintenance repairs identified during the inspection are planned for completion by one of WRC or MCPWC task-order contractors; solicitation in progress.

NIEA Rehabilitation

Contract 1 (PCI-4 Rehabilitation): Complete

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

Amt Invoiced: \$8,101,975.24 out of \$8,101,975.24 (the adjusted Contract value for C-2A) construction, Contract 2A only) has been completed, representing 100% complete.

Schedule Status: Contract 2A: Final completion was reached, with testing of flow diversion continuing. Contract 2B NTP was March 10, 2025.

Contract 2A/2B (PCI -18/19 Rehabilitation) Construction Status:

- Construction of the Seven Mile diversion shaft is complete under Contract 2A.
- The PC 663 main bulkhead gate and hardware, control gates, actuators, controls, and instrumentation are now in place and complete under Contract 2A.
- Contract 2B initially involves debris removal and lining installation in the vicinity of the VR-15 and VR-16 gates, with field work now routinely underway, coordinated daily with flow control availability.

- Coordination efforts between Contract 2B and downstream DRI work by GLWA continue. Coordination meetings occur monthly, with future meetings scheduled as necessary.
- A pilot study protocol is in development for monitoring effective factors of corrosion and lining condition.

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
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		
Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, SC at 1/24; FC 4/24 Contract 2A& B, est. SC at 9/24 and FC 8/25.



Investigation of debris quantity in PCI-19



Closing Mount Elliott Gates



Debris removal in process



Debris removal in process

NESPS Pump and Electrical Upgrades Project

Budget Status: The total construction amount invoiced as of February 28, 2025 is \$ 47,796,669.98 out of \$ 51,248,742.87 budget (adjusted contract value)(including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 93% of the Pump & Electrical Upgrades Project, with additional change order additions equalizing the regular work completion values.

Schedule Status: Work is currently influenced by performance evaluations of Pump #1, #3, #5 and #6. The estimated delay is 24 months, which will not be recovered. Completion currently projected for second quarter, 2025.

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 Pumps #1, #3, #5, and #6 have been installed with all 4 pumps approved for provisional use but currently operating below design capacity. "Flow-fin" vanes have been installed in Pump #6 influent piping/spool to address the previously identified "pre-swirl" effects. This process may be repeated at the other pumps on the basis of Pump #6 results, which appear to indicate the retrofit has improved but not fully addressed the problem. Preliminary results appear positive and discussion/analysis regarding the potential for retrofitting additional pumps is ongoing. (Note: Pumps #1, 3, 5, and 6 were all successfully brought into service during the wet weather event of April 2, 2025).
- Sanitary Pump #6 is in service for the initial evaluation period, with an efficiency report in process. While discharge rates are somewhat below design expectations, the overall performance has been generally positive.
- Demolition of the existing Wet Well Elevator components is complete. Installation of the new elevator, rail, and accessory equipment is on-schedule, projected for in-service completion by mid-2025.
- The replacement VFD for Sanitary Pump # 4 has been installed and tested and in service.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, fire alarm systems, and wiring in the existing NESPS building is approaching substantial completion.

- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager filed an OCIP claim with first payment received by OMID.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete. Personnel safety screens have been installed. Modifications to the shaft screens on the larger Sewage Pumps have also been completed to allow for greater maintenance flexibility.
- The new 25-ton overhead crane for the Motor Room is replaced and in service.
- The new duplex sump pumps are installed and are operable in the dry well pipe gallery sump area, and floats and level controls are also functioning.

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



NESPS Refurbishment Project Location

Design/CCA Budget	Const Budget	Estimated Delivery Date
		5/31/2019
		8/14/2020
26,000		
10,000 (est.)	\$49,380,000	4/10/2025 (late)
	\$49,380,000	June 2025 (late)



Completed painting on the motor floor

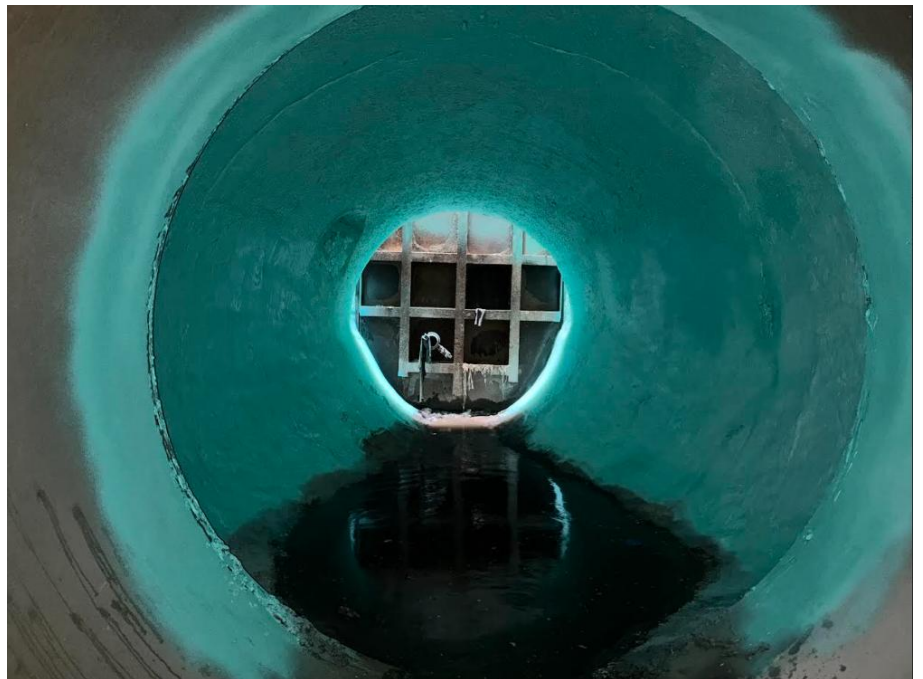




Completed painting and signage on the motor floor

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

The Contractor has been glassing selected joints within the newly slip-lined pipe sections and spraylining final manholes and transitions.



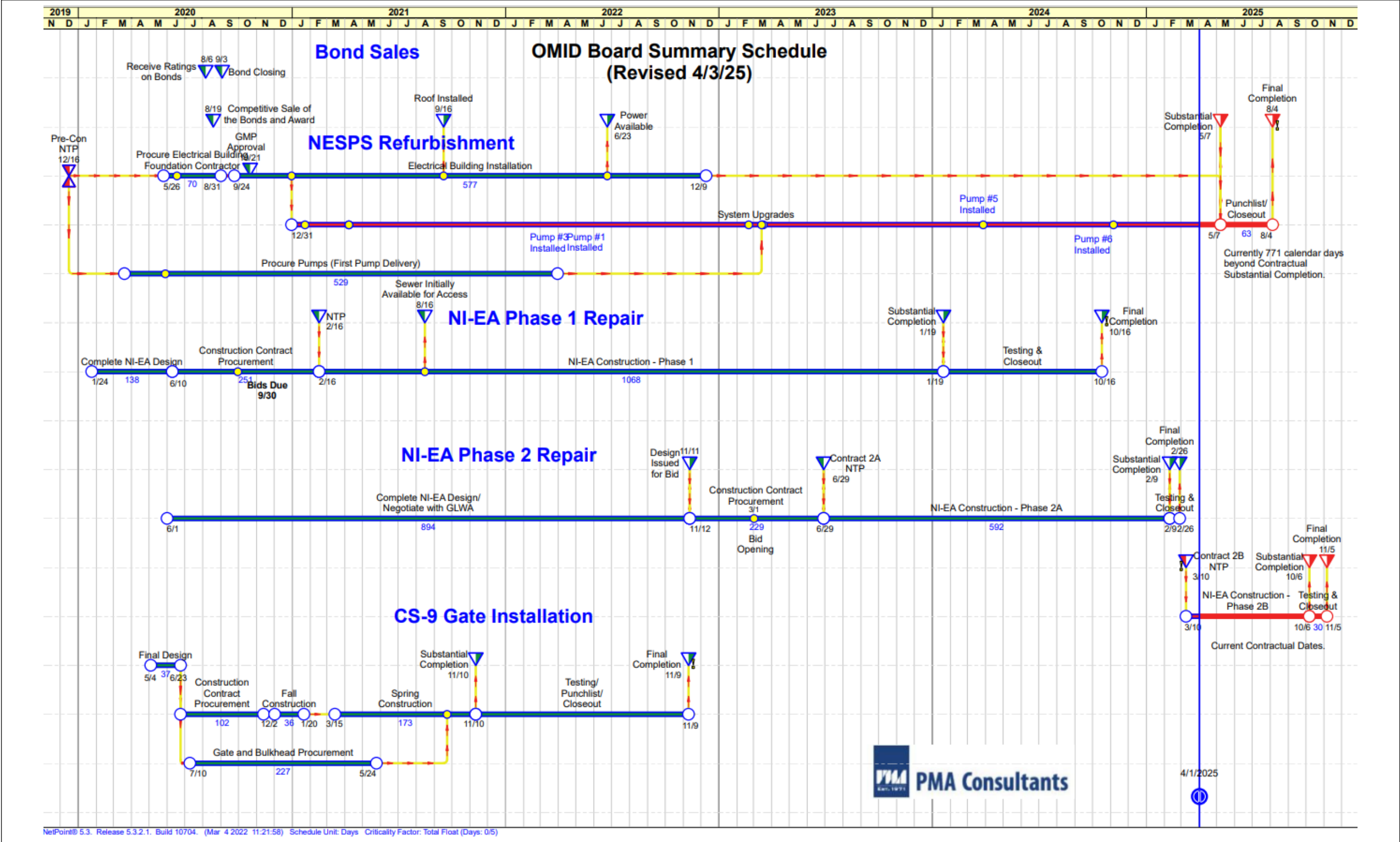
Newly spraylined transitions

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/Y	Y/Y/Y	Y/Y/Y	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	Y	Y	Y	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	Y	Y	Y	N/A
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	Y	Y	Y	Y	Y
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 and bidding Complete, award to CCC pending			
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; On hold for bidding			



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



OMID Project Schedule Summary

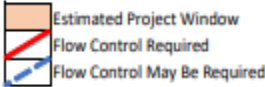
MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2025												2026												MID/OMID Control Devices Required to Store Flow												Concurrent Work Notes
					A	M	J	J	A	S	O	N	D	J	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/Ric-Man																					-	Y	N	Y	-	Y	Y	-	Y	-	H	-	Work is ending under ORC in November. Remaining work is to be completed under another Contract at a start date yet to be determined.				
NIEA Rehabilitation (Downstream of NESPS)	PCI-18/19 Spot Repairs and Linings (Contract 2B)	OMID	NTH	Z Contractors																					-	N	N	N	N	N	N	N	N	N	-	Y	Partial Flow Control occurring until further isolation of P3/4 at NESPS. VR-15/16 Closure still required. Potentially, 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 stores with Partial and should operate normally to pass DWF rates when P3/4 are isolated. Requires NESPS Gates 3 and 4 to be Closed				
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 1)	GLWA - DRI	GLWA	FKE	Jay Dee																					-	-	-	-	-	-	-	-	-	-	-	-	Contract moved to Reach 1 (Upstream of Fairview)				
DB-226 DRI Repairs (Reach 3C)	GLWA - DRI	GLWA	FKE	Jay Dee																					-	-	-	-	-	-	-	-	-	-	-	-	Work is independent of OMIDDD for the most part. Coordination recommended with C2 work. Work Scheduled for September				
Odor and Corrosion Control System	ST-S-3, ST-S-1 Sites	OMID	Jacobs	CCC																					-	-	-	-	-	-	-	-	-	-	-	-	Periodic requests for storage /no storage may be necessary at CS-6, CS-7, CS-8. Sanitary Duct and Vent line May-June 25 (STS-3), December 25 (STS-1)				
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. Project currently on hold.				
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	NTH	Doetsch																					-	-	-	-	-	-	-	-	-	-	-	-	TDB				
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a																					-	-	-	-	-	-	-	-	-	-	-	-	Diversion to PSPS is 10 to 15 MGD. Scheduled shut down of PSPS for yearly maintenance; no flow diversion to Pontiac WWTP (CRWRRF) during this time. Will significantly impact storage capabilities on the Oakland Arm CS gates. 2024 Shutdown completed week of 9/23/24.				

Monthly FINAL
Table updated for 4/1/2025. Estimates to be updated as necessary.

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



Agenda Item No. 10

**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 6, 2025		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	3,185,047.42	3,913,432.49	2,791,733.19	9,890,213.10
143100	PrepaidExpenses			87,196.72	87,196.72
	ASSETS	3,185,047.42	3,913,432.49	2,878,929.91	9,977,409.82
201210	Vouchers Payable AP Cont		0.00	(289,573.47)	(289,573.47)
222300	Unearned Revenues	0.00	0.00	(897,638.74)	(897,638.74)
	LIABILITIES	0.00	0.00	(1,187,212.21)	(1,187,212.21)
605000	Special Assessments Revenue		(831,327.96)	(1,613,754.28)	(2,445,082.24)
655000	Income From Investments	(186,035.18)			(186,035.18)
	REVENUES	(186,035.18)	(831,327.96)	(1,613,754.28)	(2,631,117.42)
730000	Contractual Services		0.00	3,493,636.67	3,493,636.67
770000	Internal Support Expenditures		24,273.83	50,388.16	74,661.99
	EXPENSES	0.00	24,273.83	3,544,024.83	3,568,298.66
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	44,289,420.76	(3,106,378.36)	(3,621,988.25)	37,561,054.15
	Fund Balance	(2,999,012.24)	(3,106,378.36)	(3,621,988.25)	(9,727,378.85)
		(0.00)	0.00	0.00	(0.00)

Cash as of 3/31/2025 \$ 9,890,213.10

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (578,435.10)

Total Net Cash Balance \$ 9,311,778.00

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13308 OMID NI-EA CONSTRUCTION
Budget Structure Project Task
Budget Name
Period FY2025 - Mar

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	28,395,600.00	6,757.65	-	-	24,273.83	24,273.83	24,293,423.57	4,102,176.43
1 > Administration	584,000.00	651.30	-	-	1,497.99	1,497.99	177,247.39	406,752.61
1 > Contingency	2,581,000.00	-	-	-	-	-	-	2,581,000.00
1 > Engineering	478,000.00	6,106.35	-	-	22,775.84	22,775.84	300,728.98	177,271.02
1 > Engineering Consultants	4,913,000.00	-	-	-	-	-	5,877,676.59	(964,676.59)
1 > Facility Acquisition	17,983,600.00	-	-	-	-	-	17,400,876.92	582,723.08
1 > Inspection	260,000.00	-	-	-	-	-	-	260,000.00
1 > Legal and Financial	1,259,000.00	-	-	-	-	-	251,349.59	1,007,650.41
1 > Right of Way	265,000.00	-	-	-	-	-	86,378.76	178,621.24
1 > STANDARD	40,000.00	-	-	-	-	-	199,165.34	(159,165.34)
1 > Survey	32,000.00	-	-	-	-	-	-	32,000.00
Project Revenues	-	-	-	-	831,327.96	(831,327.96)	28,206,856.06	
RC605572 - Special Assessments Revenue	-	-	-	-	831,327.96	(831,327.96)	6,235,012.99	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	21,965,099.65	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	6,743.42	
Revenue Over/ (Under) Expenses							<u>3,913,432.49</u>	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure Project Task
Budget Name
Period FY2025 - Mar

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	720,138.38	191,040.82	(191,040.82)	3,544,024.83	3,544,024.83	51,885,192.27	2,200,807.73
1 > Administration	620,000.00	390.78	-	-	1,575.08	1,575.08	50,578.05	569,421.95
1 > Contingency	4,917,000.00	-	-	-	-	-	-	4,917,000.00
1 > Engineering	446,000.00	4,823.92	-	-	28,249.56	28,249.56	368,391.91	77,608.09
1 > Engineering Consultants	3,987,000.00	93,177.65	-	-	404,403.62	404,403.62	4,727,371.71	(740,371.71)
1 > Facility Acquisition	40,857,000.00	546,627.31	191,040.82	(191,040.82)	2,851,828.59	2,851,828.59	44,169,248.29	(3,312,248.29)
1 > Inspection	285,000.00	3,400.32	-	-	20,563.52	20,563.52	458,120.27	(173,120.27)
1 > Legal and Financial	2,417,000.00	71,718.40	-	-	287,404.46	287,404.46	863,388.15	1,553,611.85
1 > Right of Way	393,000.00	-	-	-	-	-	-	393,000.00
1 > STANDARD	130,000.00	-	-	-	(50,000.00)	(50,000.00)	1,245,943.58	(1,115,943.58)
1 > Survey	34,000.00	-	-	-	-	-	2,150.31	31,849.69
Project Revenues	-	-	-	-	1,613,754.28	(1,613,754.28)	53,576,909.97	
RC605572 - Special Assessments Revenue	-	-	-	-	1,613,754.28	(1,613,754.28)	10,969,811.96	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	41,837,622.01	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	769,476.00	
Revenue Over/ (Under) Expenses							<u>1,691,717.70</u>	

OCM Project Work In Progress

Company	Oakland County
Projects and Project Hierarchies	PRJ-13252 OMID Segment 5
Budget Structure	Project Task
Budget Name	
Period	FY2025 - Mar

Project	Actuals MTD		Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	757,136.57	(757,136.57)
1 > Administration	-	-	-	-	-	242,201.57	(242,201.57)
1 > Legal and Financial	-	-	-	-	-	514,935.00	(514,935.00)
Project Revenues	32,805.13	-	-	186,035.18	(186,035.18)	3,942,183.99	
RC605572 - Special Assessments Revenue	-	-	-	-	-	894,060.05	
RC655077 - Accrued Interest Adjustments	-	-	-	-	-	86,724.04	
RC655385 - Income from Investments	32,805.13	-	-	186,035.18	(186,035.18)	1,875,312.57	
RC655462 - Increase Market Value Investment	-	-	-	-	-	1,084.24	
RC697219 - Premiums on Bonds Sold	-	-	-	-	-	7,672,724.75	
RC697551 - Issuance of Bonds	-	-	-	-	-	(6,587,721.66)	
Revenue Over/ (Under) Expenses						3,185,047.42	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 6, 2025		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	421,513.80	8,173,829.27	8,595,343.07
	ASSETS	421,513.80	8,173,829.27	8,595,343.07
201210	Vouchers Payable AP Cont		(55,287.43)	(55,287.43)
222300	Unearned Revenues		(4,009,859.03)	(4,009,859.03)
	LIABILITIES	0.00	(4,065,146.46)	(4,065,146.46)
605000	Special Assessments Revenue		(5,359,369.12)	(5,359,369.12)
655000	Income From Investments	(143,216.88)		(143,216.88)
	REVENUES	(143,216.88)	(5,359,369.12)	(5,502,586.00)
730000	Contractual Services		610,607.30	610,607.30
770000	Internal Support Expenditures		301.36	301.36
	EXPENSES	0.00	610,908.66	610,908.66
382100	FB Committed for Capital Proj	(278,296.92)	639,777.65	361,480.73
	Fund Balance	(278,296.92)	639,777.65	361,480.73
		0.00	(0.00)	0.00

Cash as of 3/31/2025 \$ 8,595,343.07

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (157,296.01)

Total Net Cash Balance \$ 8,438,047.06

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
Budget Name
Period FY2025 - Mar

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	15,600,000.00	55,287.43	27,500.00	168,825.66	610,908.66	807,234.32	9,490,707.87	6,109,292.13
1 > Administration	95,287.00	-	-	-	-	-	-	95,287.00
1 > Engineering	235,465.00	-	-	-	301.36	301.36	1,017.52	234,447.48
1 > Engineering Consultants	2,089,000.00	27,787.43	-	-	250,939.91	250,939.91	1,387,081.37	701,918.63
1 > Facility Acquisition	12,596,000.00	27,500.00	27,500.00	168,825.66	381,301.26	577,626.92	7,647,913.84	4,948,086.16
1 > Inspection	230,037.00	-	-	-	-	-	-	230,037.00
1 > Legal and Financial	279,000.00	-	-	-	-	-	-	279,000.00
1 > Right of Way	42,000.00	-	-	-	-	-	-	42,000.00
1 > STANDARD	15,796.00	-	-	-	(21,633.87)	(21,633.87)	454,695.14	(438,899.14)
1 > Survey	17,415.00	-	-	-	-	-	-	17,415.00
Project Revenues	-	-	-	-	5,359,369.12	(5,359,369.12)	13,599,390.68	
RC605572 - Special Assessments Revenue	-	-	-	-	5,359,369.12	(5,359,369.12)	5,552,583.97	
RC631827 - Reimb General	-	-	-	-	-	-	2,250,000.00	
RC697219 - Premiums on Bonds Sold	-	-	-	-	-	-	176,878.45	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	5,619,928.26	
Revenue Over/ (Under) Expenses							4,108,682.81	

Company	Oakland County
Projects and Project Hierarchies	PRJ-17384 OMIDDD NIEA Contract2 Bond Adm
Budget Structure	Project Task
Budget Name	
Period	FY2025 - Mar

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	124,622.50	(124,622.50)
1 > Administration	-	-	-	-	-	124,622.50	(124,622.50)
Project Revenues	26,216.40	-	-	143,216.88	(143,216.88)	546,136.30	
RC655385 - Income from	26,216.40	-	-	143,216.88	(143,216.88)	436,064.56	
RC697551 - Issuance of Bonds	-	-	-	-	-	110,071.74	
Revenue Over/ (Under) Expenses						421,513.80	

YTD Trial Balance FND84919 OMIDDD Odor and Corrosion Control As of Fiscal Period: Month 6, 2025		OMIDDD Odor Corrosion Funding PRJ-17668	OMID Odor/Corrosion System Construct PRJ-17705	YTD Balance
100100	Cash - Operating	11,363,483.62	(1,926,945.54)	9,436,538.08
	ASSETS	11,363,483.62	(1,926,945.54)	9,436,538.08
201210	Vouchers Payable AP Cont		(38,235.51)	(38,235.51)
222300	Unearned Revenues	(7,906,507.04)		(7,906,507.04)
	LIABILITIES	(7,906,507.04)	(38,235.51)	(7,944,742.55)
697551	Issuance of Bonds	(3,290,339.64)	0.00	(3,290,339.64)
655000	Income From Investments	(130,292.83)		(130,292.83)
	REVENUES	(3,420,632.47)	0.00	(3,420,632.47)
730000	Contractual Services		1,881,620.30	1,881,620.30
770000	Internal Support Expenditures		83,560.75	83,560.75
	EXPENSES	0.00	1,965,181.05	1,965,181.05
382100	FB Committed for Capital Proj	(36,344.11)	0.00	(36,344.11)
	Fund Balance	(36,344.11)	0.00	(36,344.11)
		(0.00)	0.00	(0.00)

Cash as of 3/31/2025 \$ 9,436,538.08

Invoices/Reimbursements for Construction PRJ-17705 on Current Agenda impacting Cash Balance (97,583.89)

Total Net Cash Balance \$ 9,338,954.19

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17668 OMIDDD Odor Corrosion Funding
Budget Structure Project Task
Budget Name
Period FY2025 - Mar

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	-	-
Project Revenues	30,202.65	-	-	3,420,632.47	(3,420,632.47)	3,456,976.58	
RC655385 - Income from Investments	30,202.65	-	-	130,292.83	(130,292.83)	166,636.94	
RC697551 - Issuance of Bonds	-	-	-	3,290,339.64	(3,290,339.64)	3,290,339.64	
Revenue Over/ (Under) Expenses						3,456,976.58	

Company	Oakland County
Projects and Project Hierarchies	PRJ-17705 OMID Odor/Corrosion System Construct
Budget Structure	Project Task
Budget Name	
Period	FY2025 - Mar

Project	Final Budget	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	11,400,000.00	284,103.97	56,503.76	6,787,544.32	1,965,181.05	8,809,229.13	1,965,680.01	9,434,319.99
1 > Administration	-	-	-	-	4,242.47	4,242.47	4,242.47	(4,242.47)
1 > Contingency	747,000.00	-	-	-	-	-	-	747,000.00
1 > Engineering	193,000.00	2,829.76	-	-	58,937.96	58,937.96	59,436.92	133,563.08
1 > Engineering Consultants	2,350,000.00	38,235.51	38,235.51	(38,235.51)	1,153,046.79	1,153,046.79	1,153,046.79	1,196,953.21
1 > Facility Acquisition	7,419,000.00	242,886.48	-	6,825,779.83	659,133.52	7,484,913.35	659,133.52	6,759,866.48
1 > Inspection	295,000.00	152.22	-	-	1,308.82	1,308.82	1,308.82	293,691.18
1 > Legal and Financial	310,000.00	-	18,268.25	-	55,076.15	73,344.40	55,076.15	254,923.85
1 > Right of Way	77,000.00	-	-	-	30,706.09	30,706.09	30,706.09	46,293.91
1 > STANDARD	4,000.00	-	-	-	2,729.25	2,729.25	2,729.25	1,270.75
1 > Survey	5,000.00	-	-	-	-	-	-	5,000.00
Project Revenues	-	-	-	-	-	-	498.96	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	498.96	
Revenue Over/ (Under) Expenses							(1,965,181.05)	

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: March 31, 2025

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	5,491,181.26	2,515,991.49	8,803,464.14	4,574,114.42		21,384,751.31
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					3,185,047.42	
	- Project 1-3308 NI - EA Construction					3,913,432.49	
	- Project 1-3309 NESPS Construction					<u>1,691,717.70</u>	<u>8,790,197.61</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					421,513.80	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>4,108,682.81</u>	<u>4,530,196.61</u>
84919	OMID Odor and Corrosion Control						
	- Project: PRJ-17688 OMIDDD NIEA Odor Corrosion Bond Adm					3,456,976.58	
	- Project: PRJ-17705 OMID Odor/Corrosion System Construction					<u>(1,965,181.05)</u>	<u>1,491,795.53</u>
Total Equity in Maintenance and Construction Funds							<u><u>36,196,941.06</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 4/16/2025

		84917	84917	84918	84919	82912	
		1-3308	1-3309	1-7408	1-7705		
<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>Odor/ Corrosion System Construct</u>	<u>Operations & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor (2/22/2025 - 3/21/2025)	6,600.70	8,339.72		2,903.34		17,843.76
Oakland County *	WRC Equipment (2/22/2025 - 3/21/2025)	156.95	275.30		78.64		510.89
Applied Science, Inc	Invoice # 72 (ASI Inv. #9119) Services 2/2/25-3/1/25		63,845.20				63,845.20
Applied Science, Inc	Invoice # 72B (ASI Inv. #9120) Services 2/2/25-3/1/25		4,560.00				4,560.00
Applied Science, Inc	Invoice # 73 (ASI Inv. #9139) Services 3/2/25 to 3/29/25		58,862.00				58,862.00
Applied Science, Inc	Invoice # 73B (ASI Inv. #9140) Services 3/2/25 to 3/29/25		768.00				768.00
Clark Hill PLC	Invoice #1546961 Matter 463149 Walsh Construction Svs Through 2/28/2025		3,220.00				3,220.00
CSM Mechanical, LLC	Invoice # 4781 - Job 3279 2/27/25					555.00	555.00
CSM Mechanical, LLC	Invoice # 4871 - Job 3351 3/18/25					330.89	330.89
Dickinson Wright PLLC	Invoice # 2014977 Matter 012840-00466 MIDDD Agreement Through 2/28/25					1,320.00	1,320.00
Kennedy Industries	Invoice # 644877 - NEPS Pump Field Service 12/30/24					1,752.00	1,752.00
Macomb County	AR25000381 Reimbursement 10/1/24 - 12/31/24					23,538.64	23,538.64
MES Premier Safety	Invocie #04251732 Equipment Repair 9/11/24					2,688.00	2,688.00
METCO Consulting Engineers	Invoice # 1811-75 32/3/2025 Through 3/30/2025					93,511.52	93,511.52
Motor City Electric Technologies	Invoice # 96308 Electrical and Engineering Support 12/17/24-2/5/25					1,103.60	1,103.60
Motor City Electric Technologies	Invoice # 96328 Electrical and Engineering Support 2/20/25					157.50	157.50
Motor City Electric Technologies	Invoice # 96329 Electrical and Engineering Support 2/20 & 3/10/25					4,069.75	4,069.75
Motor City Electric Technologies	Invoice # 96337 Electrical and Engineering Support 3/11/25					3,073.90	3,073.90
Motor City Electric Technologies	Invoice # 96344 Mareials 3/19/25					126.50	126.50
NTH Consultants	Invoice # 638688 (D-458 & D-463) Engineering Services 2/22 - 3/21/25			29,296.01			29,296.01
PM Technologies	Invoice # 93026074 Coolant Drain, Clean, & Refill Gen #3 3/4/25					5,427.97	5,427.97
PM Technologies	Invoice # 106194956 Secondary Preventative Maint - Gen #3 3/6/25					6,350.00	6,350.00
PM Technologies	Invoice # 106197864 Battery Charge and replace -Gen #2 2/18/25					855.98	855.98
PM Technologies	Invoice # 106198038 Secondary Preventative Maint Gen #1 3/4-3/5/25					6,350.00	6,350.00
PM Technologies	Invoice # 106200553 Secondary Preventative Maint Gen #2 3/6/25					6,350.00	6,350.00
PM Technologies	Invoice # 119199952 NESPS Monthly inspection Gen #1 3/24/25					350.00	350.00
PMA Consultants	Invoice # 03559.01 - 57 Professional Services NESPS 2/1 - 2/28/25		17,759.13				17,759.13
Commercial Contracting Corp	Construction Estimate # 4 Odor and Corrosion Systems				97,583.89		97,583.89
Z Contractors	Construction Estimate # 1 NI-EA contract # 2B			128,000.00			128,000.00
Walsh Construction	Construction Estimate # 54 PRJ-13309 NESPS Pump & Electircal Upgrades Project		429,420.77				429,420.77
Total Invoices/Reimbursements for Approval		6,757.65	587,050.12	157,296.01	100,565.87	157,911.25	1,009,580.90
* Less WRC Charges already paid from OMI Fund		(6,757.65)	(8,615.02)	0.00	(2,981.98)		(18,354.65)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		0.00	578,435.10	157,296.01	97,583.89	157,911.25	991,226.25

Agenda Item No. 11

Invoices

Macomb County Public Works
21777 Dunham Rd
Clinton TWP, MI 48036

mcpwo.finance@macombgov.org
<https://www.macombgov.org>
(586) 469-5325



INVOICE

Date	Invoice Number
03/20/2025	AR25000381

Payment Terms	Due Date
Immediate	03/20/2025

Bill To:
COUNTY OF OAKLAND OAKLAND CO TREAS-CASH ACCT BLDG 12E 1200 N TELEGRAPH RD PONTIAC, MI 48341 United States of America

Remit To:
Macomb County Public Works Attn: Accounts Receivable 21777 Dunham Rd Clinton TWP, MI 48036 United States of America (586) 469-5325

Page 1 of 1

Purchase Order Number	From Date	To Date	Customer ID
	10/01/2024	12/31/2024	C000024
Quantity	Item Description	Price Each	Amount
1	OMID Personnel Reimbursement 10/1/2024-12/31/2024	17,160.80	17,160.80
1	SCADA Maintenance 10/1/2024-12/31/2024	4,026.73	4,026.73
1	OMID Utility Reimbursement 10/1/2024-12/31/2024	2,351.11	2,351.11

Net Amount:	23,538.64
Tax	0.00
Total Invoice Amount	USD 23,538.64

OMID 10/1/2024-12/30/2024				
COMCAST	8529 10 112 0329082	10/1-10/31		\$26.45
COMCAST	8529 10 112 0329082	11/1-11/30		\$26.45
COMCAST	8529 10 112 0329082	12/1-12/31		\$26.45
COMCAST	8529 10 113 0127831	10/1-10/31		\$18.89
COMCAST	8529 10 113 0127831	11/1-11/30		\$18.89
COMCAST	8529 10 113 0127831	12/1-12/31		\$20.29
COMCAST	8529 10 199 1516981	10/19-11/18		\$247.93
COMCAST	8529 10 199 1516981	11/19-12/18		\$247.93
COMCAST	8529 10 199 1516981	12/19-1/18		\$250.17
COMCAST	8529 10 077 0837261	10/17-11/16		\$20.61
COMCAST	8529 10 077 0837261	11/17-12/16		\$20.09
COMCAST	8529 10 077 0837261	12/17-1/16		\$21.31
COMCAST	8529 10 077 0830852	10/9-11/8		\$12.10
COMCAST	8529 10 077 0830852	11/9-12/8		\$11.40
COMCAST	8529 10 077 0830852	12/9-1/8		\$11.40
COMCAST	8529 10 076 1516528	9/30-10/29		\$177.90
COMCAST	8529 10 076 1516528	10/30-11/29		\$167.90
COMCAST	8529 10 076 1516528	11/30-12/29		\$167.90
COMCAST TOTAL				\$1,494.06
Verizon		10/24-11/23		\$428.96
Verizon		11/24-12/23		\$428.09
VERIZON TOTAL				\$857.05
Macomb County	Personnel	10/1-12/30		
Macomb County	Equipment Use	10/1-12/30		
People Driven Technology		12/7/2024		\$222.67
CDW Government		10/1/2024		\$62.77
CDW Government		10/1/2024		\$373.79
Fishbeck	Project 230037	11/26/2024		\$3,367.50
VENDORS				\$4,026.73
TOTAL DUE FROM OMID				\$6,377.84

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								2/22/2025	-	3/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/27/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/28/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/3/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/4/2025	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/7/2025	BROWN, JOEL	2.50	\$364.50	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/10/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/11/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/12/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/13/2025	BROWN, JOEL	4.00	\$583.20	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/14/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/18/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/20/2025	BROWN, JOEL	2.50	\$364.50	REGULAR	WRCCON	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$3,863.70					
1094845	3/4/2025	2/25/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	3/4/2025	2/27/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	3/4/2025	3/4/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	3/4/2025	3/6/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	3/18/2025	3/11/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	3/18/2025	3/18/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	3/18/2025	3/20/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$3,246.88					
1131289	2/26/2025	2/10/2025	PUSCAS, JACK J	0.50	\$52.71	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	3/12/2025	2/24/2025	PUSCAS, JACK J	0.50	\$52.71	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	3/12/2025	3/5/2025	PUSCAS, JACK J	3.00	\$281.58	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	2/26/2025	2/18/2025	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	3/12/2025	2/24/2025	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	2/26/2025	2/10/2025	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
			PUSCAS, JACK J Total		\$856.30					
1255122	2/26/2025	2/21/2025	ROBERTOY, KATY	4.00	\$248.56	REGULAR	WRCCON	PRJ-13309		ADMINISTRATION
1255122	3/11/2025	3/10/2025	ROBERTOY, KATY	2.00	\$124.28	REGULAR	WRCCON	PRJ-13309		ADMINISTRATION
			ROBERTOY, KATY Total		\$372.84					
			Grand Total		\$8,339.72					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								2/22/2025	-	3/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/27/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/28/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/3/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/4/2025	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/7/2025	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/10/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/11/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/12/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/13/2025	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/14/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/18/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/20/2025	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/27/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/28/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/3/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/4/2025	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/7/2025	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/10/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/11/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/12/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/13/2025	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/14/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/18/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/20/2025	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/27/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/13/2025	2/28/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/3/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/4/2025	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/13/2025	3/7/2025	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/10/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/11/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/12/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/13/2025	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/14/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/18/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	3/3/2025	2/20/2025	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$79.26					
1094845	3/4/2025	2/25/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/4/2025	2/27/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/4/2025	3/4/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/4/2025	3/6/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/18/2025	3/11/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/18/2025	3/18/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/18/2025	3/20/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	3/4/2025	2/25/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	3/4/2025	2/27/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	3/4/2025	3/4/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	3/4/2025	3/6/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	3/18/2025	3/11/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	3/18/2025	3/18/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	3/18/2025	3/20/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$153.44					
1131289	3/12/2025	2/24/2025	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	3/12/2025	2/24/2025	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	3/12/2025	3/5/2025	PUSCAS, JACK J	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	2/26/2025	2/10/2025	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	2/26/2025	2/10/2025	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	2/26/2025	2/18/2025	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	3/12/2025	2/24/2025	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	3/12/2025	2/24/2025	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING

1131289	3/12/2025	3/5/2025	PUSCAS, JACK J	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/26/2025	2/10/2025	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/26/2025	2/10/2025	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/26/2025	2/18/2025	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$24.66				
1255122	3/11/2025	3/10/2025	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	2/26/2025	2/21/2025	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	3/11/2025	3/10/2025	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	2/26/2025	2/21/2025	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	3/11/2025	3/10/2025	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
1255122	2/26/2025	2/21/2025	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total		\$17.94				
			Grand Total		\$275.30				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -							2/22/2025	-	3/21/2025	
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1094815	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/13/2025	2/25/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/13/2025	2/28/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/13/2025	3/7/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/3/2025	2/12/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/3/2025	2/14/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/3/2025	2/19/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/3/2025	2/10/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	3/3/2025	2/11/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
			BROWN, JOEL Total		\$2,187.00					
1208707	2/27/2025	2/10/2025	COOK, JENNIFER	4.00	\$505.64	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/27/2025	2/11/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/27/2025	2/12/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/27/2025	2/14/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/27/2025	2/19/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/27/2025	2/20/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/27/2025	2/21/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	2/24/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	2/25/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	2/26/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	2/27/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	2/28/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	3/3/2025	COOK, JENNIFER	3.00	\$379.23	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	3/4/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	3/7/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	3/14/2025	3/5/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
			COOK, JENNIFER Total		\$3,792.30					
1300925	2/26/2025	2/10/2025	ROBERTOY, KATY	2.00	\$124.28	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
1300925	3/20/2025	3/20/2025	ROBERTOY, KATY	4.00	\$248.56	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
1301175	2/26/2025	2/19/2025	ROBERTOY, KATY	2.00	\$124.28	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
1301175	3/20/2025	3/14/2025	ROBERTOY, KATY	2.00	\$124.28	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
			ROBERTOY, KATY Total		\$621.40					
			Grand Total		\$6,600.70					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								2/22/2025	-	3/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1094815	3/3/2025	2/10/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/11/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/12/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/14/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/19/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/25/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/28/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/13/2025	3/7/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/10/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/11/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/12/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/14/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/19/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/25/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/28/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/13/2025	3/7/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/10/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/11/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/12/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/14/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/3/2025	2/19/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/24/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/25/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/13/2025	2/28/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/13/2025	3/6/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	3/13/2025	3/7/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
			BROWN, JOEL Total		\$44.85					
1208707	2/27/2025	2/10/2025	COOK, JENNIFER	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/11/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/12/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/14/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/19/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/20/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/21/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/24/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/25/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/26/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/27/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/28/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/3/2025	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/4/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/7/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/5/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/10/2025	COOK, JENNIFER	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/11/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/12/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/14/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/19/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/20/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	2/27/2025	2/21/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/24/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/25/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/26/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/27/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	2/28/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/3/2025	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/4/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/7/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	3/14/2025	3/5/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
			COOK, JENNIFER Total		\$82.20					
1300925	2/26/2025	2/10/2025	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ADMINISTRATION
1300925	3/20/2025	3/20/2025	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308		ADMINISTRATION
1301175	3/20/2025	3/14/2025	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ADMINISTRATION
1301175	2/26/2025	2/19/2025	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ADMINISTRATION
1300925	2/26/2025	2/10/2025	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ADMINISTRATION

1300925	3/20/2025	3/20/2025	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1301175	3/20/2025	3/14/2025	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1301175	2/26/2025	2/19/2025	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1300925	2/26/2025	2/10/2025	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
1300925	3/20/2025	3/20/2025	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
1301175	3/20/2025	3/14/2025	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
1301175	2/26/2025	2/19/2025	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
			ROBERTOY, KATY Total		\$29.90				
			Grand Total		\$156.95				

OMI Odor & Corrosion Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								2/22/2025	-	3/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1286152	3/14/2025	2/24/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	3/14/2025	2/26/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	3/14/2025	3/3/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	3/14/2025	3/4/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	3/14/2025	3/5/2025	COOK, JENNIFER	4.00	\$505.64	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	3/14/2025	3/6/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	3/14/2025	3/7/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/27/2025	2/10/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/27/2025	2/12/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/27/2025	2/14/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/27/2025	2/19/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/27/2025	2/20/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
			COOK, JENNIFER Total		\$2,528.20					
1317383	3/4/2025	2/26/2025	LEWIS, BEN	1.00	\$83.44	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1317383	3/18/2025	3/13/2025	LEWIS, BEN	1.00	\$83.44	REGULAR	WRCADM	PRJ-17705		ENGINEERING
			LEWIS, BEN Total		\$166.88					
1285827	3/4/2025	3/4/2025	KOTAJARVI, KYLE A	1.00	\$67.68	REGULAR	WRCCDM	PRJ-17705		INSPECTION
1285827	3/20/2025	3/20/2025	KOTAJARVI, KYLE A	1.00	\$67.68	REGULAR	WRCCDM	PRJ-17705		INSPECTION
			KOTAJARVI, KYLE A Total		\$135.36					
1286152	3/3/2025	2/19/2025	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-17705		ENGINEERING
			BROWN, JOEL Total		\$72.90					
			Grand Total		\$2,903.34					

OMI Odor & Corrosion Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								2/22/2025	- 3/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1286152	3/3/2025	2/19/2025	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/3/2025	2/19/2025	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/3/2025	2/19/2025	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-17705	ENGINEERING
			BROWN, JOEL Total		\$1.50				
1286152	2/27/2025	2/10/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/12/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/14/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/19/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/20/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	2/24/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	2/26/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/3/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/4/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/5/2025	COOK, JENNIFER	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/6/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/7/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/10/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/12/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/14/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/19/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/27/2025	2/20/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	2/24/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	2/26/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/3/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/4/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/5/2025	COOK, JENNIFER	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/6/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	3/14/2025	3/7/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
			COOK, JENNIFER Total		\$54.80				
1285827	3/4/2025	3/4/2025	KOTAJARVI, KYLE A	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-17705	INSPECTION
1285827	3/20/2025	3/20/2025	KOTAJARVI, KYLE A	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-17705	INSPECTION
1285827	3/4/2025	3/4/2025	KOTAJARVI, KYLE A	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	INSPECTION
1285827	3/20/2025	3/20/2025	KOTAJARVI, KYLE A	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	INSPECTION
1285827	3/4/2025	3/4/2025	KOTAJARVI, KYLE A	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	INSPECTION
1285827	3/20/2025	3/20/2025	KOTAJARVI, KYLE A	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	INSPECTION
			KOTAJARVI, KYLE A Total		\$16.86				
1317383	3/4/2025	2/26/2025	LEWIS, BEN	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1317383	3/18/2025	3/13/2025	LEWIS, BEN	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1317383	3/4/2025	2/26/2025	LEWIS, BEN	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1317383	3/18/2025	3/13/2025	LEWIS, BEN	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
			LEWIS, BEN Total		\$5.48				
			Grand Total		\$78.64				



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990
www.asi-eng.com

3/14/2025

Project Invoice #72 (ASI Inv. #9119)

Joel Brown, P.E.
Civil Engineer III
Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95 West
Waterford, MI 48328

Re: Northeast Sanitary Pump Station
Contract #5470
(ASI Job No. 1815)

Invoice Period: 2/2/25-3/1/25

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total:	\$ -

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ -
	Subconsultants:	
	Metco Services	\$ -
	FK Engineering:	\$ -
	NTH Consultants	\$ -
	AEW	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	\$ -

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	\$ -

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 23,879.00
	Subconsultants:	
	NTH Consultants	\$ 16,552.30
	Metco Services	\$ 17,860.00
	FK Engineering:	\$ 3,650.75
	ASI Markup 5%:	\$ 1,903.15
	Total Due This Invoice:	\$ 63,845.20

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	\$ -
	ASI Markup 5%:	\$ -
	Direct Expenses:	\$ -
	Total Due This Invoice:	\$ -

Summary		
Total Due This Invoice Tasks #1-6:		\$ 63,845.20
Amount Invoiced to Date Tasks #1-6:		\$ 5,963,608.91
Total Due This Invoice MCC Incident (separate invoice):		\$ -
Amount Invoiced to date for MCC Incident (separate invoice):		\$ 68,336.23
Total Due This Invoice Pump Issues (separate invoice):		\$ 4,560.00
Amount Invoiced to date for Pump Issues (separate invoice):		\$ 30,240.00
Total Invoiced To-Date:		\$ 6,062,185.13
Original Contract Task Total:		\$ 4,198,380.00
Additional Budget-Task 5:		\$ 284,076.60
Additional Budget-Task 5a:		\$ 1,513,301.00
Additional Budget-Task 6:		\$ 220,326.00
Current Contract Task Total:		\$ 6,216,083.60
Amount Remaining:		\$ 153,898.47

li#4133 v#352

84917-149015-730639-1-3309-
engcon



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075

Phone: (313) 567-3990

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3/14/2025

Project Invoice #72B (ASI Inv. 9120)

Joel Brown, P.E.
Civil Engineer III
Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95 West
Waterford, MI 48328

Re: Northeast Sanitary Pump Station
Contract #5470
(ASI Job No. 1815)

Task - Pump Issues

**84917-149015-730639-1-3309-
engcon**

Invoice Period: 2/2/25-3/1/25

<u>Employee</u>	<u>Job Classification</u>	<u>Pump Issues Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Karen Ridgway	Principal	5.0	5.0	\$ 192.00	\$ 960.00
Paul Szlaga	Project Manager	25.0	25.0	\$ 144.00	\$ 3,600.00
Total Hours			<u>30.0</u>		
Total Labor:		\$ 4,560.00			\$ 4,560.00
Total This Invoice:		\$ 4,560.00			\$ 4,560.00
Previous Amount Invoiced:		\$ 25,680.00			\$ 25,680.00
Total Invoiced To Date:		\$ 30,240.00			\$ 30,240.00



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990
www.asi-eng.com

4/7/2025

Project Invoice #73 (ASI Inv. #9139)

Joel Brown, P.E.
Civil Engineer III
Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95 West
Waterford, MI 48328

Re: Northeast Sanitary Pump Station
Contract #5470
(ASI Job No. 1815)

Invoice Period: 3/2/25-3/29/25

li# 4133 v#352

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total:	<u>\$ -</u>

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ -
	Subconsultants:	
	Metco Services	\$ -
	FK Engineering:	\$ -
	NTH Consultants	\$ -
	AEW	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	<u>\$ -</u>

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	<u>\$ -</u>

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 26,538.50
	Subconsultants:	
	NTH Consultants	\$ 12,501.79
	Metco Services	\$ 11,875.00
	FK Engineering:	\$ 6,407.50
	ASI Markup 5%:	\$ 1,539.21
	Total Due This Invoice:	<u>\$ 58,862.00</u>

84917-149015-730636-1-3309-engcon

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	\$ -
	ASI Markup 5%:	\$ -
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ -</u>

Summary

Total Due This Invoice Tasks #1-6:	\$ 58,862.00
Amount Invoiced to Date Tasks #1-6:	\$ 6,022,470.91
Total Due This Invoice MCC Incident (separate invoice):	\$ -
Amount Invoiced to date for MCC Incident (separate invoice):	\$ 68,336.23
Total Due This Invoice Pump Issues (separate invoice):	\$ 768.00
Amount Invoiced to date for Pump Issues (separate invoice):	\$ 31,008.00
Total Invoiced To-Date:	\$ 6,121,815.14
Original Contract Task Total:	\$ 4,198,380.00
Additional Budget-Task 5:	\$ 284,076.60
Additional Budget-Task 5a:	\$ 1,513,301.00
Additional Budget-Task 6:	\$ 220,326.00
Current Contract Task Total:	\$ 6,216,083.60
Amount Remaining:	<u>\$ 94,268.46</u>



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075

Phone: (313) 567-3990

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4/7/2025

Project Invoice #73B (ASI Inv. 9140)

Joel Brown, P.E.
Civil Engineer III
Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95 West
Waterford, MI 48328

Re: Northeast Sanitary Pump Station
Contract #5470
(ASI Job No. 1815)

84917-149015-730639-1-3309-engcon

Task - Pump Issues

Invoice Period: 3/2/25-3/29/25

<u>Employee</u>	<u>Job Classification</u>	<u>Pump Issues Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Karen Ridgway	Principal	4.0	4.0	\$ 192.00	\$ 768.00
Total Hours			<u>4.0</u>		
Total Labor:		\$ 768.00			\$ 768.00
Total This Invoice:		\$ 768.00			\$ 768.00
Previous Amount Invoiced:		\$ 30,240.00			\$ 30,240.00
Total Invoiced To Date:		\$ 31,008.00			\$ 31,008.00



Oakland County Water Resources Commissioner, MI
One Public Works Drive
Waterford, MI 48328-1907
WRClegalinvoices@oakgov.com
lajdziaks@oakgov.com

Invoice: 1546961
Date: 03/11/2025
Client: 30164
Matter: 463149

84917-6010101-149015-731073-1-3309
-LEGAL - Ch. 21 - CON9318

Matter Name: Construction Dispute - Walsh Construction

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH FEBRUARY 28, 2025

Total Fees:	\$	3,220.00
Total Due This Invoice:	\$	3,220.00

MK 3/13/25



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

Invoice 4781

Mar 4, 2025

Job Number

3279

Payment Terms

AIA 45

Total Due

\$555.00

Due Date

Apr 18, 2025

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

CUSTOMER NAME

OMIDD

PROPERTY NAME

OMIDD - Detroit NESPS- 11001

PROPERTY ADDRESS

11001 E State Fair Ave
Detroit, MI 48234

AUTHORIZED BY

Terry Moore

CUSTOMER WO

NTE

Invoice Summary

Scope of Work:

1. Remove check valve and inspect for any gasket.
2. Use gasket from extra valve provided by the customer.
3. Install the gasket to stop the leak.
4. Ensure the system is returned to operational status.

Resolution:

The technician successfully resolved the issue by removing the check valve and finding that there was no gasket. They used a gasket from an extra valve provided by the customer to stop the leak and returned the system back to operational status.

Item Name	Description	Quantity	Unit Price	Price Subtotal
Labor	Tyler Fields - February 27, 2025 - Labor	4	\$115.00	\$460.00
Vehicle / Tool Allowance	Vehicle / Tool Allowance	1	\$95.00	\$95.00
		<u>5</u>		<u>\$555.00</u>
			Total	\$555.00

DJ
3/27/2025



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

Bill To

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

Invoice 4871

Mar 20, 2025

Job Number

3351

Payment Terms

AIA 45

Total Due

\$330.89

Due Date

May 4, 2025

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

CUSTOMER NAME

OMIDD

PROPERTY NAME

OMIDD - Detroit NESPS- 11001

PROPERTY ADDRESS

11001 E State Fair Ave
Detroit, MI 48234

AUTHORIZED BY

Terry Moore

CUSTOMER WO

NTE

Invoice Summary

Scope of Work:

1. Remove 2" Chicago quick connect fitting from ball valve.
2. Install 2" threaded cap.

Resolution:

The technician successfully removed the 2" Chicago quick connect fitting from the ball valve and installed a 2" threaded cap. The work was completed without any leaks, and the area was cleaned up after the installation.

Item Name	Description	Quantity	Unit Price	Price Subtotal
Labor	Tyler Fields - March 18, 2025 - Labor	2	\$115.00	\$230.00
Material	2" black plug	1	\$5.89	\$5.89
Vehicle / Tool Allowance	Vehicle / Tool Allowance	1	\$95.00	\$95.00
		<u>4</u>		<u>\$330.89</u>
			Total	<u>\$330.89</u>

DT
3/27/2025

INVOICE DATE: MARCH 6, 2025
 INVOICE NO.: 2014997

 OAKLAND COUNTY WATER RESOURCES COMMISSIONER
 ATTORNEY & INSURANCE ADMINISTRATOR
 ONE PUBLIC WORKS DRIVE, #95
 WATERFORD, MI 48328

ATTN: MEGAN KOSS

CLIENT/MATTER NO.: 012840-00466

**82912-6010101-149030-731073-5089 - Ch. 21-
v#4978- li# 39111**

 RE: AGREEMENT BETWEEN OMIDDD AND MIDDD RE CONSTRUCTION AND OPERATION OF ODOR
 CONTROL EQUIPMENT

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH FEBRUARY 28, 2025

USD

TOTAL FEES CURRENT INVOICE \$ 1,320.00

TOTAL CURRENT INVOICE \$ 1,320.00
OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF MARCH 6, 2025

INVOICE	DATE	BILLED VALUE	PAYMENTS	OUTSTANDING
2007187	02/11/25	220.00	(0.00)	220.00 <i>March OMID</i>

TOTAL OUTSTANDING FROM PRIOR INVOICES \$ 220.00

TOTAL AMOUNT DUE \$ 1,540.00

MK 3/12/25

Remittance Instructions					
Terms: Due and Payable Upon Receipt					
Mail To:		Pay Online:	Wire Instructions:		ACH Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084		Credit Card and ACH/eCheck Payments We accept Visa®, Mastercard®, American Express® and Discover® https://www.dickinson-wright.com/invoice-payment	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852		JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852
(Please reference your client/invoice numbers when paying electronically)					



PUMPING, REPAIR,
FLOW CONTROL,
PROCESS
AUTOMATION



W/O 1376

INVOICE		
DATE	NUMBER	PAGE
1/6/2025	644877	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

**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
NA		0127211	GREAT LAKES WATER AUTHORITY, NEPS, FIELD SERVICE, SANITARY	SAH/CAG	FIELD SERVICE	NET 60
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED	
B/O	Ship					

0.00 1.00 GRE550NORTHEASTPS GLWA, NORTHEAST PUMP STATION \$1,752.00 \$1,752.00

KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE
TECHNICIAN ONSITE ON 12/30/24.
PLEASE SEE THE ATTACHED SERVICE REPORT.

TOTAL REFLECTS THE BELOW:

(12) HOURS OF LABOR X \$146.00 = \$1,752.00

NO MILEAGE OR FUEL SURCHARGE

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

Handwritten signature
3/27/2025

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: \$ 1,752.00
*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: \$ 1,752.00

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

www.KennedyInd.com

REMIT TO
MES Life Safety, LLC
PO Box 855651
Minneapolis, MN 55485-5651

Reprint Sales Invoice

INVOICE #	04251732
LOCATION	04
DATE	09/11/24
PAGE	1 of 1

BILL TO

1001400
OAKLAND CTY WATER RES-WATERFOR
ATTN:****EMAIL INVOICES****
522 S OPDYKE RD
PONTIAC, MI 48341-3120

SHIP TO


OAKLAND COUNTY
VIRGINIA SANCHEZ
PUBLIC WORKS BUILDING
1 PUBLIC WORKS DR
WATERFORD, MI 48328-1907

82912-6010101-149130-730660

ORDER NUMBER 04170932	ORDER DATE 09/11/24	CUSTOMER P/O NUMBER PO00065625	PAYMENT TERMS NET 30 DAYS
CUSTOMER SALES REP DALE TAYLOR	CONTACT	SHIP VIA UPS GROUND	
FREIGHT TERMS PREPAID - NO CHARGE	JOB NUMBER	SALES PERSON DIMITRI PERVOLARAKIS	

PRODUCT/DESCRIPTION	QUANTITY OPEN	QUANTITY SHIPPED	QUANTITY BACKORDERED	PRICE	U/M	EXTENSION
RKI72-RA-C GX-3R LEL/O2/H2S/CO W/115 V CH	2	2	0	525.0000	EA	1,050.00
RKI81-SDM3R101 SDM-3R CAL STATION W/ 1 SOLENO AC DATR, FLASH DR, USB CABLE	1	1	0	1300.0000	EA	1,300.00
NLBDCI-DFR DEMAND FLOW REGULATOR C10 FITT	1	1	0	180.0000	EA	180.00
NLBG105325PM51 GAS, H2S 25 PPM/CO 50 PPM/CH4 (2.5%)/O2 12%/BAL N2 58 LITER	1	1	0	158.0000	EA	158.00

MERCHANDISE TOTAL	FREIGHT & HANDLING	MISC CHARGE	TAX	INVOICE TOTAL
2,688.00	0.00	0.00	0.00	2,688.00

 <p>PREMIER SAFETY</p> <p>www.PremierSafety.com</p>	PAYMENT APPLIED	0.00
	CREDIT APPLIED	0.00
	BALANCE DUE	2688.00
Premier Safety The smart choice for safety and environmental solutions		



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

INVOICE NO. 1811-75

DATE: April 1, 2025

METCO PROJECT NO. 1811

INVOICE PERIOD: 3/3/25 through 3/30/25

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)

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	30.0	\$ 162.00	\$ 4,860.00
Terry Moore	Operations Manager (Overt	0.0	\$ 204.75	\$ -
Darrin Green	Staff Engineer	38.0	\$ 102.00	\$ 3,876.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	40.0	\$ 102.00	\$ 4,080.00
Anthony Vozza	Staff Engineer-(Overtime)	16.0	\$ 153.00	\$ 2,448.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:			\$	15,264.00

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

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	30.0	\$ 162.00	\$ 4,860.00
Terry Moore	Operations Manager (Overt	6.0	\$ 204.75	\$ 1,228.50
Darrin Green	Staff Engineer	36.0	\$ 102.00	\$ 3,672.00
Darrin Green	Staff Engineer-(Overtime)	17.0	\$ 153.00	\$ 2,601.00
Anthony Vozza	Staff Engineer	33.0	\$ 102.00	\$ 3,366.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 77.48	\$ 309.92
Subtotal NEPS Operations			\$	16,037.42

Subtotal Operations \$ 31,301.42

Maintenance & Asset Management

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

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	30.0	\$ 162.00	\$ 4,860.00
Terry Moore	Operations Manager (Overt	0.0	\$ 204.75	\$ -
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Anthony Vozza	Staff Engineer	46.0	\$ 102.00	\$ 4,692.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Youstina Gaid	Drafter	0.0	\$ 101.00	\$ -
Subtotal OMID Maintenance:			\$	9,552.00

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	34.0	\$ 162.00	\$ 5,508.00
Terry Moore	Operations Manager (Overti	4.0	\$ 204.75	\$ 819.00
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	96.0	\$ 102.00	\$ 9,792.00
Darrin Green	Staff Engineer-(Overtime)	30.0	\$ 153.00	\$ 4,590.00
Anthony Vozza	Staff Engineer	63.0	\$ 102.00	\$ 6,426.00
Anthony Vozza	Staff Engineer-(Overtime)	34.0	\$ 153.00	\$ 5,202.00
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 105.50	\$ -
Keli Mills	Administrative Assoc.	0.0	\$ 77.48	\$ -
	Subtotal:		\$	34,143.00
	Maintenance Services (see attached invoices):		\$	13,223.10
	Subtotal NEPS Maintenance:		\$	47,366.10

Subtotal Maintenance: \$ 56,918.10**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	16.0	\$ 152.25	\$ 2,436.00
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	28.0	\$ 102.00	\$ 2,856.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -

Subtotal Maintenance: \$ 5,292.00**TOTAL AMOUNT DUE THIS INVOICE: \$ 93,511.52**

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

WO 1386

INVOICE

OMID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	2/28/2025	2/28/2025	96308

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$1,103.60	-	\$1,103.60	\$1,103.60	-	-
Totals:		\$1,103.60		\$1,103.60	\$1,103.60		
Less Retained:				-			
Invoice Total:				\$1,103.60			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

82912-6010101-149090-730660-8419-Ch. 21 - v#7755-li#41132

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 12/17/24-2/5/25

WO#1386

TM-3-20-25

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

W0 1432

INVOICE

OMID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	2/20/2025	3/11/2025	96328

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$157.50	-	\$157.50	\$157.50	-	-
Totals:		\$157.50		\$157.50	\$157.50		
Less Retained:				-			
Invoice Total:				\$157.50			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

82912-6010101-149130-730660-8419-Ch. 21 - v#7755-li#41132

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 2/20/2025

TM-3-18-25

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

WO 1431

INVOICE

OMID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	3/10/2025	3/11/2025	96329

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$4,069.75	-	\$4,069.75	\$4,069.75	-	-
Totals:		\$4,069.75		\$4,069.75	\$4,069.75		
Less Retained:				-			
Invoice Total:				\$4,069.75			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

82912-6010101-149090-730660-8419-Ch. 21 - v#7755-li#41132

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 2/20/25 & 3/10/25

TM-3-18-25

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	3/11/2025	3/12/2025	96337

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$3,073.90	-	\$3,073.90	\$3,073.90	-	-
Totals:		\$3,073.90		\$3,073.90	\$3,073.90		
Less Retained:				-			
Invoice Total:				\$3,073.90			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

82912-6010101-149090-730660-8419-Ch. 21 - v#7755-li#41132

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 3/11/25

TM-3-18-25

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	3/19/2025	3/20/2025	96344

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$126.50	-	\$126.50	\$126.50	-	-
Totals:		\$126.50		\$126.50	\$126.50		
Less Retained:				-			
Invoice Total:				\$126.50			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

82912-6010101-149090-730660-8419-Ch. 21 - v#7755-li#41132

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

MATERIAL ONLY

DJ 4/1/2025

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

**NTH Consultants, Ltd.**Infrastructure Engineering
and Environmental Services**84918-149015-730639-PRJ17408-ENG_CONSULT-
WDDCCON8173**OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328Invoice # : 638688
Project : 23001693
Invoice Group : **
Invoice Date : 3/31/2025

Attention: Jen Cook, P.E.

For Professional Services Rendered from 2/22/2025 - 3/21/2025

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:	74.27%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		4,101.23	\$ 273,474.91
Overhead %	188.00	7,710.31	514,132.82
Total Regular Labor Expense		11,811.54	787,607.73
Total Direct Labor		11,811.54	787,607.73
Profit / Fixed Fee %	12.00	1,417.39	94,512.93
Direct Expenses Charge		157.45	41,520.60
Expense Multiplier %	5.00	7.87	2,075.98
Direct Subcontractor Charge		15,001.66	462,886.87
Subcontractor/Subconsultant Multiplier %	6.00	900.10	27,773.26
Total Other Direct Charges Reimbursables		16,067.08	534,256.71
Total Costs:		29,296.01	1,416,377.38
Total Due This Invoice		\$ 29,296.01	\$ 1,416,377.38



WO 1337

PM Technologies
28294 Beck Road
Wixom, Michigan 48393
800-419-5199
pmtech.org

BILL TO

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

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

INVOICE
93026074

INVOICE DATE
3/4/2025

JOB ADDRESS

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

Completed Date 3/4/2025

Customer PO #

Payment Term NET 30

Due Date 4/3/2025

DESCRIPTION OF WORK

WO #01337

SHUT GENERATOR DOWN AND DISCONNECTED BLOCK HEATERS. DRAINED COOLANT FROM ENGINE AND RADIATOR. REMOVED FUEL RAILS RUNNING OVER THERMOSTAT HOUSING. UNBOLTED PIPES FROM HOUSING AND MOVED. UNBOLTED HOUSING AND REMOVED. CLEANED ALL SURFACES AND REPLACED THERMOSTATS, SEALS, AND O-RINGS. MADE NEW GASKETS FOR SIDE PIPES. REINSTALLED HOUSING, PIPES, AND FUEL RAILS. FILLED UNIT WITH NEW COOLANT AND PERGED AIR FROM SYSTEM. TURN ON BLOCK HEATERS AND LET HEAT ENGINE. REPRIMMED FUEL SYSTEM. CLEANED AREA. CONDUCTED LOAD TEST AND VERIFIED NO LEAKS FOUND. SYSTEM OPERATIONAL AT THIS TIME.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Commercial Labor - Normal Business Hours (7:30 AM - 4:30 PM)	6.00	\$129.00	\$774.00
Shop Surcharge	Shop Surcharge	1.00	\$49.99	\$49.99
Shipping	Shipping costs	1.00	\$15.00	\$15.00
FLUID DISPOSAL*	DISPOSAL OF OIL AND/OR ANTIFREEZE/COOLANT PER EPA GUIDELINES	140.00	\$1.00	\$140.00

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
4P1526	GASKET	1.00	\$63.57	\$63.57
7N4927	GASKET	1.00	\$12.85	\$12.85
3S9643	SEAL,T-STAT	4.00	\$27.34	\$109.36

NOTES - 3S-9643

186780 / 186-780
GM35390
3516

9Y8069	GASKET	2.00	\$4.63	\$9.26
4P1505	THERMOSTAT	2.00	\$631.06	\$1,262.12
6V1454	SEAL-O-RING	2.00	\$6.65	\$13.30
RED COOLANT BY GALLON	RED ANTIFREEZE 50/50 BY GAL (CUSTOMER CHRGED FOR ACTUAL COOLANT USED) CHEV DELO XLC 50/50	140.00	\$12.26	\$1,716.40
4P1505	THERMOSTAT	2.00	\$631.06	\$1,262.12

SUB-TOTAL \$5,427.97

TOTAL DUE \$5,427.97
PAYMENT \$0.00

BALANCE DUE \$5,427.97

Thank you for choosing PM Technologies

DJ
3/27/2025



PM Technologies
28294 Beck Road
Wixom, Michigan 48393
800-419-5199
pmttech.org

BILL TO

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

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

INVOICE

106194956

INVOICE DATE

3/7/2025

JOB ADDRESS

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

Completed Date 3/7/2025

Customer PO #

Payment Term NET 30

Due Date 4/6/2025

DESCRIPTION OF WORK

3/6/25

We installed medium voltage cables to the back side of generator breaker in transfer room. Placed generator 1&2 in the off position while making sure 3 was in auto. Performed secondary inspection verifying oil and coolant levels. Coolant was tested for freeze point and PH to verify good. All belts, hoses, and clamps are tight. No visual issues at time. Verified block heater operation, and tested voltage of batteries, and inspected air filters. Made our way to transfer room and tripped the breakers to generator 1 and 2. Used main control section to activate generator two under no load. Allowed time for generator to come online. At this point we used our loadbanks and transformer to apply over 30% KWA of the nameplate increasing over a 4 hour period. Over this period exhaust sludge buildup is burnt off and we verified generator performed properly under load maintaining 4160 for voltage and 60 HZ frequency while running at 1800 RPM's. At the end of test we made our way to the loadbanks to remove load from generator, then moved to control room to place generator switch in normal to allow for generator 3 to go through cooldown process. Contacted Darrin and let him know how test three performed. Placed generator three in off position and closed all breakers, and removed medium voltage cables in order to lock transfer shelter. Returning in the morning for cleanup to gather all cables, loadbanks, and transformer. All breakers are closed and generators in the auto position.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
SM4	Secondary Preventive Maintenance (Operational check of belts, hoses, battery, switching operation, operating temperatures, etc)	1.00	\$6,350.00	\$6,350.00
	4 Hour Load Bank (For burning of exhaust slobber build up, ability to provide the required horsepower over time, frequency stability and the alternators ability to provide voltage stability and output)			

TM-3-18-25

SUB-TOTAL \$6,350.00

TOTAL DUE \$6,350.00
PAYMENT \$0.00

BALANCE DUE \$6,350.00



W/O 1410

PM Technologies
28294 Beck Road
Wixom, Michigan 48393
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Detroit, MI 48234 USA

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

INVOICE
106197864

INVOICE DATE
2/18/2025

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #2 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 2/18/2025
Customer PO #
Payment Term NET 30
Due Date 3/20/2025

DESCRIPTION OF WORK

02-18-25 MATT C

ARRIVED ON SITE AND SPOKE WITH CONTACT(DARRIN)

GAINED ACCESS TO GEN

PLACED UNIT IN OFF AND DE-ENERGIZED BATTERY CHARGER, REPLACED 2 8D BATTERIES, RE-ENERGIZED CHARGER AND VERIFIED OPERATION.

PLACED UNIT BACK IN AUTO, CUSTOMER INFORMED SYSTEM IS OPERATIONAL AT THIS TIME.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Normal Business Hours (M-F 7:30 AM - 4:30 PM)	2.00	\$129.00	\$258.00
Shop Surcharge	Shop Surcharge	1.00	\$18.06	\$18.06

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
8D BATT	GROUP 8D 12V COMM 1400CCA TOP POST	2.00	\$289.96	\$579.92

SUB-TOTAL \$855.98

TOTAL DUE \$855.98
PAYMENT \$0.00

BALANCE DUE \$855.98

Thank you for choosing PM Technologies

DA
3/21/2025

BILL TO

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

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

INVOICE
106198038

INVOICE DATE
3/7/2025

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #1 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 3/7/2025
Customer PO #
Payment Term NET 30
Due Date 4/6/2025

DESCRIPTION OF WORK

WO #01414

TM-3-18-25

3/4/25

Arrived ad made our way through security. Arrived prior to transformer arriving from Hadley's. There was a miscommunication about the load banks being performed and equipment being used so after Hadleys dropped transformer off we made our way back to shop to grab load banks. After grabbing load banks we parked and disconnected one on both end of the transformers. At this point we hooked all our low voltage cables to both load banks and the other ends to the transformer. At this point in the day we were unable to perform the whole duration of load bank due to weather and the fact that we couldn't leave medium voltage cables hooked up over night. We got got medium voltage cables off trailer and ready for 07 in the morning. While inspecting the backside if the breakers we noticed none of the heaters in outter shell were working, allowing for condensation build up on vital components. We contacted Darrin and made him aware of the issue so his electrician could fix it. After ensuring site cleanup we notified Darrin and left to return at 07 next morning.

3/5/25

Arrived 07. Darrin wasn't on site yet but the other POC made his presence known and let us know we were good to keep working. We installed medium voltage cables to the back side of generator ones breaker in transfer room. Placed generator 2&3 in the off position while making sure 1 was in auto. Performed secondary inspection verifying oil and coolant levels. Coolant was tested for freezepoint and PH to verify good. All belts, hoses, and clamps are tight. No visual issues at time. Verified block heater operation, and tested voltage of batteries, and inspected air filters. Made our way to transfer room and tripped the breakers to generator 2 and 3. Used main control section to activate generator one under no load. Allowed time for generator to come online. At this point we used our loadbanks and transformer to apply over 30% KWA of the nameplate increasing over a 4 hour period. Over this period exhaust sludge buildup is burnt off and we verified generator performed properly under load maintaining 4160 for voltage and 60 HZ frequency while running at 1800 RPM's. At the end of test we made our way to the loadbanks to remove load from generator, then moved to control room to place generator switch in normal to allow for generator 1 to go through cooldown process. Contacted Darrin and let him know how test one performed. Placed generator one in off position and returned all breakers to the closed position. At this point we removed medium voltage cables in order to lock breakers up. Weather was not permitting to perform second test so confirmed with Darrin about return at 07 to do generator #2.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
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SM4	Secondary Preventive Maintenance (Operational check of belts, hoses, battery, switching operation, operating temperatures, etc)	1.00	\$6,350.00	\$6,350.00
	4 Hour Load Bank (For burning of exhaust slobber build up, ability to provide the required horsepower over time, frequency stability and the alternators ability to provide voltage stability and output)			

SUB-TOTAL \$6,350.00

TOTAL DUE \$6,350.00
PAYMENT \$0.00

BALANCE DUE \$6,350.00

Thank you for choosing PM Technologies



PM Technologies
28294 Beck Road
Wixom, Michigan 48393
800-419-5199
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BILL TO

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

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

INVOICE
106200553

INVOICE DATE
3/7/2025

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #2 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 3/7/2025

Customer PO #

Payment Term NET 30

Due Date 4/6/2025

DESCRIPTION OF WORK

WO #01414

3/6/25

We installed medium voltage cables to the back side of generator breaker in transfer room. Placed generator 1&3 in the off position while making sure 2 was in auto. Performed secondary inspection verifying oil and coolant levels. Coolant was tested for freeze point and PH to verify good. All belts, hoses, and clamps are tight. No visual issues at time. Verified block heater operation, and tested voltage of batteries, and inspected air filters. Made our way to transfer room and tripped the breakers to generator 1 and 3. Used main control section to activate generator two under no load. Allowed time for generator to come online. At this point we used our loadbanks and transformer to apply over 30% KWA of the nameplate increasing over a 4 hour period. Over this period exhaust sludge buildup is burnt off and we verified generator performed properly under load maintaining 4160 for voltage and 60 HZ frequency while running at 1800 RPM's. At the end of test we made our way to the loadbanks to remove load from generator, then moved to control room to place generator switch in normal to allow for generator 2 to go through cooldown process. Contacted Darrin and let him know how test two performed. Placed unit off to perform test on generator 3.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
SM4	Secondary Preventive Maintenance (Operational check of belts, hoses, battery, switching operation, operating temperatures, etc)	1.00	\$6,350.00	\$6,350.00

4 Hour Load Bank (For burning of exhaust slobber build up, ability to provide the required horsepower over time, frequency stability and the alternators ability to provide voltage stability and output)

TM-3-18-25

SUB-TOTAL \$6,350.00

TOTAL DUE \$6,350.00
PAYMENT \$0.00

BALANCE DUE \$6,350.00



WO 1440

PM Technologies
28294 Beck Road
Wixom, Michigan 48393
800-419-5199
pmtech.org

BILL TO

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

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

INVOICE
119199952

INVOICE DATE
3/24/2025

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #1 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 3/24/2025

Customer PO #

Payment Term NET 30

Due Date 4/23/2025

DESCRIPTION OF WORK

WO #01440

Monthly inspection complete, checked hoses, clamps, air filter, belts, and connections. Ran engine to temp, verified voltages. No issues found at this time. Unit in auto with breaker closed.

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
PAYMENT \$0.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

Ad
3/27/2025



Oakland County Water Resources Commissioner
Attn: Joel Brown
One Public Works Drive
Building 95-West
Waterford 48328

March 12, 2025

Invoice No: 03559.01 - 57

**84917-6010101-149015-731458-8858-1-3309- Ch.
21- engcon- v#16**

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from February 1, 2025 to February 28, 2025

Task	1.0	Oakland-Macomb Interceptor Drainage 2020
Sub Task	1.1	NESPS

Professional Personnel

	Hours	Rate	Amount
Zann, John	39.00	117.84	4,595.76
Totals	39.00		4,595.76
Total Labor			4,595.76

Additional Fees

Overhead	149.10 % of 4,595.76	6,852.28
Profit	10.00 % of 11,448.04	1,144.80
Total Additional Fees		7,997.08

Total this Sub Task \$12,592.84

Sub Task	1.3	NI-EA Contract No. 2
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Professional Personnel

	Hours	Rate	Amount
Zann, John	16.00	117.84	1,885.44
Totals	16.00		1,885.44
Total Labor			1,885.44

Additional Fees

Overhead	149.10 % of 1,885.44	2,811.19
Profit	10.00 % of 4,696.63	469.66
Total Additional Fees		3,280.85

Total this Sub Task \$5,166.29

Total this Task \$17,759.13

Billing Limits

	Current	Prior	To-Date
Total Billings	17,759.13	821,888.56	839,647.69
Limit			880,000.00
Remaining			40,352.31

Total this Invoice \$17,759.13

Please remit payment to PMA CONSULTANTS LLC, PO BOX 675234, DETROIT, MI 48267-5234. Please direct any questions regarding this invoice to Samantha Zeisler, Project Administrator, at 734-418-7897 or szeisler@pmaconsultants.com

Agenda Item No. 12

Other Business

Agenda Item No. 13

Adjourn