

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

September 16, 2020 – 11:30 a.m.

Via GoToMeeting

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development

Candice Miller, Macomb County Public Works Commissioner

Jim Nash, Oakland County Water Resources Commissioner

2. Motion to approve the meeting agenda for September 16, 2020
3. Motion to approve the Drainage District Board Meeting Minutes from August 26, 2020
4. Public Comment
5. Meadowbrook Amendment #4 to the contract for construction safety consultant to include the NESPS-NIEA OCIP
6. Discussion regarding the assignment of the Drainage District Services Agreement from Macomb County to the Macomb Interceptor Drainage District and approval of the 2017 Settlement Agreement by GLWA
7. Approval of Cost-Sharing Agreement between Macomb Interceptor Drain Drainage District and the OMIDD (Slip Lining Project)
8. Motion to approve the following Change Order:

Change Order No. 8 for CSM Mechanical, LLC for Odor/ Corrosion Control Project for a net increase in the amount of \$29,610.31
9. Motion to approve the following Construction Estimates:
 - a. Construction Estimate No. 13 for CSM Mechanical, LLC in the amount of \$87,824.99
 - b. Construction Estimate No. 2 for CSM Mechanical, LLC in the amount \$96,200 to the contractor
 - c. Construction Estimate No. 1 for Detroit Elevator Company in the amount of \$115,412.90 and a transfer of \$13,141.90 to the Oakland County Treasurer
10. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS, NI-EA
11. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
12. Motion to approve the following Invoices totaling \$603,420.18:
 - a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs

1)	Labor/Fringes/Non-Direct Labor Factor			
	• Segment 4		\$	371.15
	• Segment 4 NESPS Odor Corrosion Study		\$	8,268.21
2)	Equipment Charges			
	• Segment 4		\$	35.62
	• Segment 4 NESPS Odor Corrosion Study		\$	1,610.44
b)	Applied Science, Inc.			
	Invoice No. 19	NESPS M&E	\$	74,049.11
c)	CH2M			
	1) Invoice No. 705773CH017	Seg. 4	\$	36,416.97
	2) Invoice No. 705773CH019	Seg. 4	\$	36,575.83
d)	Clark Hill			
	Invoice No. 1009440	O&M	\$	1,917.00
e)	Detroit Elevator Company			
	Invoice No. 187534	O&M	\$	581.65
f)	Dickinson Wright			
	Invoice No. 1503601	O&M	\$	1,750.00
g)	Jacobs			
	1) Invoice No. 697317CH022	O&M	\$	22,988.97
	2) Invoice No. 697317CH023	O&M	\$	6,484.91
	3) Invoice No. 697317CH024	O&M	\$	11,920.40
h)	Kennedy Industries			
	Invoice No. 620199	O&M	\$	1,133.00
i)	Konecranes			
	Invoice No. 154356248	O&M	\$	11,784.01
j)	METCO			
	Invoice No. 1811-20	O&M	\$	73,117.30
k)	Moody's Investor Services			
	Invoice No. P0348300	O&M	\$	34,500.00
l)	Motor City Electric Technologies Inc.			
	1) Invoice No. 93209	O&M	\$	237.50
	2) Invoice No. 93210	O&M	\$	107.00
	3) Invoice No. 93211	O&M	\$	115.50
	4) Invoice No. 93212	O&M	\$	154.00
	5) Invoice No. 93213	O&M	\$	320.83
m)	Municipal Financial Consultants			
	Invoice No. 1097	O&M	\$	75,860.79
n)	NTH Consultants, Ltd			
	1) Eng./Consult. Services NESPS CMT			
	Invoice No. 1	O&M	\$	3,521.65
	2) Safety Manual and Crane Support Eval.			
	Invoice No. 3	O&M	\$	2,880.47
	3) CS9 – Hydraulic Control Gate			
	Invoice No. 5	NI-EA	\$	4,743.87
	4) NI-EA – Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4			
	Invoice No. 15	NI-EA	\$	56,272.83
	5) Repairs – OMID System Immediate Repairs			
	Invoice No. 19	OIR	\$	1,246.11
	6) NESPS CCA and Construction Observation			
	Invoice No. 52	Seg. 4	\$	2,642.80
o)	PM Technologies			

	1) Invoice No. 137944	O&M	\$	3,084.32
	2) Invoice No. 140204	O&M	\$	501.25
p)	PMA Consultants Invoice No. 3559.01-3	NESPS	\$	5,666.53
q)	Premiere Safety Invoice No. 04176358	O&M	\$	222.00
r)	Walsh Construction Invoice No. 22008 Pre-Con 7	NESPS M&E	\$	121,528.16

13. Other Business

14. Adjourn

Next Regular Meeting: October 21, 2020 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the location and manner of the October meeting has yet to be determined.

September OMID meeting
Wed, Sep 16, 2020 11:30 AM - 2:00 PM (EDT)

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Agenda Item No. 3

Board Meeting Minutes from August 26, 2020

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

August 26, 2020

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via GoToMeeting on the 26th day of August at 11:30 a.m. Eastern Standard Time.

PRESENT:

Michael Gregg, Chairperson and Deputy for Gary McDowell, 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. Representing the office of the Oakland County Water Resources Commissioner: Steven Korth, Joel Brown, Sid Lockhart, Kelsey Cooke and Megan Koss. Others in attendance: Fritz Klingler, FK Engineering; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Larry Gilbert, NTH Consultants; Steve Burke, MFCI; and Joe Colaianne and John Axe, Clark Hill.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:48 a.m. The Chairperson made a brief statement regarding the ongoing COVID-19 pandemic and, as a result, the need for the meeting to be held via GoToMeeting. He indicated that the meeting was being held in compliance with the Governor's Executive Orders, which provide that meetings can be held electronically while satisfying the tenants of the Open Meetings Act, so long as a quorum is met and meaningful public participation is guaranteed.

2. Agenda.

Motion by Miller, supported by Nash, to approve the August 26, 2020 agenda as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

3. Minutes.

Motion by Miller, supported by Nash, to approve the minutes of the July 15, 2020 meeting.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

4. Public Comment. None.

5. OMID Bond Sale Update.

Steve Burke (MFCI) and Joe Colaianne (Clark Hill) provided the Board with a summary report and status update of the bond sale. A brief history of the bond sale process was detailed. It was noted that all involved were extremely happy with how successful the sale was. Mr. Burke indicated that Citi Group bought the bonds, that the interest rate was very low and that everything came in under estimate. John Axe (Clark Hill) furthered that he has never seen a bond issue of this duration with an interest rate so low.

Motion by Nash, supported by Miller, to receive and file the summary report and update regarding the bond sale.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

6. Proposal Regarding NESPS Generator Fuel System Upgrades and PLC Replacement.

Joel Brown presented to the Board opportunities for improvement at the NESPS. The anticipated improvements include replacement of fuel lines, installation of a fuel monitoring system and replacement of outdated PLC technology. Mr. Brown noted that the cost of the aforementioned projects was anticipated in the maintenance budget for 2020-2021. Discussion ensued about the fuel tanks in question and the process for securing the contractors.

Motion by Nash, supported by Miller, to receive and file the proposals as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

7. Change Order.

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

Change Order No. Five for Walsh Construction for Electrical Upgrades for a net increase in the amount of \$3,486,618. Motion by Miller, supported by Nash, to approve the Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

8. Construction Pay Estimate.

The following Construction Pay Estimate was submitted to the Board for approval:

Construction Estimate No. 12 for CSM Mechanical, LLC for a payment to the contractor in the amount of \$97,204.34. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

9. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS and NI-EA.

Fritz Klingler of FK Engineering presented the Project Progress Update to the Board and summarized the status of various projects. Motion by Miller, supported by Nash, to receive and file the report and summary.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

10. Financial Reports.

Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 4 and the NESPS. Motion by Nash, supported by Miller, to receive and file the financial reports.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

11. Invoices.

The following invoices totaling \$576,190.14 were submitted to the Board for approval:

- | | | | |
|----|---|-----------|--------------|
| a) | Reimbursement of the Drain Revolving Fund | | |
| | Macomb Invoice No. ARP200157 | \$ | 7,724.36 |
| b) | Applied Science, Inc. | | |
| | Invoice No. 7653 | NESPS M&E | \$ 80,054.45 |
| c) | Clark Hill | | |
| | 1) Invoice No. 994901 | O&M | \$ 2,673.00 |
| | 2) Invoice No. 1004852 | O&M | \$ 783.00 |
| | 3) Invoice No. 1005348 | O&M | \$ 810.00 |
| | 4) Invoice No. 1006009 | O&M | \$ 1,134.00 |

	5)	Invoice No. 1009717	O&M	\$	20,976.49
d)		Dickinson Wright			
		Invoice No. 1494911	O&M	\$	5,845.00
e)		Kennedy Industries			
	1)	Invoice No. 619227	O&M	\$	5,632.00
	2)	Invoice No. 619837	O&M	\$	1,738.00
f)		Konecranes			
	1)	Invoice No. 154288788	O&M	\$	480.00
	2)	Invoice No. 154288790	O&M	\$	480.00
g)		METCO			
		Invoice No. 1811-19	O&M	\$	64,015.26
h)		Motor City Electric Technologies Inc.			
	1)	Invoice No. 93090	O&M	\$	269.50
	2)	Invoice No. 93091	O&M	\$	154.00
	3)	Invoice No. 93092	O&M	\$	115.50
	4)	Invoice No. 93093	O&M	\$	7,690.97
	5)	Invoice No. 93094	O&M	\$	154.00
	6)	Invoice No. 93163	O&M	\$	308.00
	7)	Invoice No. 93164	O&M	\$	385.00
	8)	Invoice No. 93165	O&M	\$	154.00
	9)	Invoice No. 93166	O&M	\$	909.91
	10)	Invoice No. 93167	O&M	\$	1,165.62
i)		NTH Consultants, Ltd			
	1)	NI-EA – Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4			
		Invoice No. 14	NI-EA	\$	84,344.16
	2)	REPAIRS – OMID System Immediate Repairs			
		Invoice No. 18	OIR	\$	1,162.40
	3)	CS9 – Hydraulic Control Gate			
		Invoice No. 4	NI-EA	\$	22,028.90
	4)	Safety Manual and Crane Support Eval.			
		Invoice No. 2	O&M	\$	1,215.83
j)		PM Technologies			
		Invoice No. 140204	O&M	\$	501.25
k)		PMA Consultants			
	1)	Invoice No. 3559.01-1	NESPS	\$	7,211.94
	2)	Invoice No. 3559.01-2	NESPS	\$	6,181.67
l)		Premiere Safety			
		Invoice No. 4176491	O&M	\$	1,029.03
m)		Walsh Construction			
		Invoice No. 22008 Pre-Con 6	NESPS M&E	\$	219,645.09

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

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

12. Other Business. None.

13. Adjourn.

Motion by Nash, supported by Miller, to adjourn the August 26, 2020 meeting at 1:08 p.m.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

Next Regular Meeting: September 16, 2020 at 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the September meeting will be held virtually via GoToMeeting.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on August 26, 2020 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 and Executive Order 2020-75 and that the minutes were kept and will be or have been made available as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this _____ day of _____, 2020.

Jim Nash, Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Meadowbrook Amendment #4 to the contract for
construction safety consultant to include the NESPS-
NIEA OCIP



Oakland-Macomb Interceptor Drain Drainage District

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

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

SUBJECT: Meadowbrook Contract Amendment for Construction Safety Consultant Services on the NESPS Pumping and Electrical Upgrades and NI-EA Rehabilitation Projects

DATE: September 16, 2020

On July 25, 2019, the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) approved Amendment 2 to the contract between Meadowbrook Insurance Group (MIG) and OMIDDD which authorized the use of a MIG construction safety consultant (CSC) on the Oakland Macomb Interceptor Drain Immediate Repairs Project and the Northeast Sewage Pumping Station Odor and Corrosion Control Project. The duties under that amendment only extended through September 1, 2020 at the conclusion of the NESPS Odor/Corrosion Project. However, we believe it is prudent to continue the services of the CSC to ensure proper safety protocols are being performed on the NESPS Pumping and Electrical Upgrades and North Interceptor-Eat Arm (NI-EA) Rehabilitation projects. As such the CSC will have the following duties for the these projects that are expected to be completed by September 2023:

- Coordinate with the NESPS maintenance manager (Terry Moore/METCO), engineer (Jacobs/NTH), contractor and GLWA to ensure proper/safe flow control operations, lockout/tagout and other applicable safety measures are being performed for the given repairs/tasks.
- Perform onsite safety inspections. Prepare daily reports of safety conditions and any issues.
- Oversee confined space operations and other work activities as needed to ensure conformance with applicable standards.
- Participate in any contractor safety meetings (daily/weekly/monthly)
- Identify any safety issues that arise. Work with the Owner/Engineer/Contractor to resolve.
- Review safety documentation to ensure conformance with applicable regulations.
- Coordinate/document badging process for personnel, including any visitor badging. Ensure proper badging procedures are being followed onsite. Remove any personnel that are not properly badged.

Amendment No. 4 to the existing contract #4724 with Meadowbrook has been created for the above scope of work for the not to exceed amount of \$600,000 (\$200,000/yr).

RECOMMENDED ACTION: Approve the attached Amendment 4 to Contract #4724 between OMIDDD and Meadowbrook Insurance Group to provide Construction Safety Consultant services on the NESPS Pumping and Electrical Upgrades Project and the NI-EA Rehabilitation Project.

From: [Sal Saputo](#)
To: [Lockhart, Sid](#); [Brown, Joel Thomas](#); [Koss, Megan Elizabeth](#)
Cc: [Brian Baker](#); [Stephen Downing](#); [James Kelley](#); [Phillip Anderson](#); [Dave N Sheeran](#)
Subject: Amendment #4 to the Contract for Construction Safety Consultant to include the NESPS-NIEA OCIP
Date: Wednesday, September 2, 2020 8:43:48 AM
Attachments: [09-1-20 - GDD edits-OMIDD - MIA Contract Amendment 1 Final.pdf](#)
[08-17-20 - OMIDD - MIA Exhibit C.pdf](#)
[20-21 OMIDD CSC Installment Invoice - 1st of 4 Installments - \\$44,200.pdf](#)

Hello Sid and Joel,

On September 20, the contract for the provision of safety services needs to be amended to include the work already underway for the NEPS-NIEA OCIP. The compensation remains the same and the only thing being done here is adding the new OMMID NEPS-NIEA OCIP for the full duration of the project which is expected to conclude in approximately 3 years. The contract as amended has an annual limit of \$200,000 for professional services and expenses. In the first year of this contract, we expect to have billed \$186,000 for the period September 20, 2019 to September 20, 2020. As the project grows, we expect the charges for services to increase mostly for mileage and a contractually permitted escalation factor of 5% for professional services charges every two years beginning in September 20, 2021 which will be the second year since services began under Amendment #2 to the Contract.

Amendment #4 has been discussed with Brian Baker, Stephen Downing and both of you. It was agreed to add this amendment to the September 16, 2020 OMIDD Board Agenda for consideration. By copy of this email, I am forwarding this transmittal to Megan for distribution to the Board.

We have included with this transmittal, the quarterly invoice for the quarter September 20, 2020 to December 20, 2020. Upon Board approval, please process this invoice for payment when you can.

Please give me a call to discuss any questions you may have.

Thanks!

Sal

Salvatore Saputo | Executive Vice President

[o]248.204.8163 [c]248.943.1317 [f]248.358.4665

26255 American Drive, Southfield MI 48034

[e]salvatore.saputo@meadowbrook.com



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Amendment 4

Amendment 4 is effective July 1, 2020 and is attached to and made part of the Contract For Insurance Consultant Services Oakland-Macomb Interceptor Drain Drainage District Oakland & Macomb Counties, Michigan ("Agreement") effective June 1, 2009 by and between Meadowbrook, Inc. ("MIG") and Oakland-Macomb Interceptor Drain Drainage District ("OWNER"). This Amendment may refer to MIG and Owner individually as Party and collectively as Parties.

In consideration of the mutual covenants in this Amendment, the Parties agree the following paragraphs of the Agreement are amended as follows:

1. The following language is added to Section A - Consultant Services, Item No. 1 Services Provided:

- 1.21 Employ the services of a Construction Safety Consultant to perform the duties listed in Exhibit C for the Northeast Sewage Pump Station Renovation and North Interceptor – East Arm Rehabilitation Projects. For clarity, this Agreement does not cover insurance brokerage services for the Northeast Sewage Pump Station Renovation and North Interceptor – East Arm Rehabilitation Projects. Terms for insurance brokerage services for the Northeast Sewage Pump Station Renovation and North Interceptor – East Arm Rehabilitation Projects are covered under a separate contract between the Parties dated May 20, 2020.

2. The following language is added to the end of Section C – Compensation for Consulting Services:

MIG shall be compensated for the services contemplated in Section A, Item No. 1, subsection 1.21 ("Services"), on a time and material basis, not to exceed \$200,000.00 annually. MIG shall be paid by Owner each quarter in advance for providing the Services. Owner shall pay MIG for a guaranteed minimum of 40 hours of work each week at a standard rate of \$85 per hour for each Construction Safety Consultant the Owner requires to perform the Services. On each bill for the Services, MIG shall bill Owner for the expenses incurred in the previous three (3) months in addition to the advanced payment for the next three (3) months of Services. On each bill, MIG shall also bill Owner at the standard rate per hour for any work exceeding the guaranteed minimum of 40 hours a week. Upon execution of Amendment 4, OWNER shall pay for the initial 3 months of work. Thereafter, MIG will bill OWNER every three months beginning after the execution of the contract for the Services.

The Services are to be provided until Owner provides ninety (90) days advanced written notice or terminates the Agreement. After receipt of this notice, final fees will be pro-rata based on the actual usage period. Every 2 years after the effective date of this Amendment, MIG is entitled to increase the standard rate by an additional 5%.

On-Site services will require the establishment of an office, office equipment, and other necessary appurtenances, all of which shall be provided as follows:

- a. MIG will provide a computer, printer, other office equipment and office supplies.
 - b. OWNER will provide an office, internet connection, office furniture and utilities for the duration of the project.
 - c. OWNER also agrees to reimburse MIG for providing telephone (office and cellular), employee parking, mileage as set by the Internal Revenue Service, and other site expenses of MIG including any required safety equipment, supplies and gear appropriate to the site.
2. This Agreement will be for the full term of the Project (as defined in Exhibit C).
 3. The attached Exhibit C: Duties, Responsibilities and Limitations of Authority of Construction Safety Consultant are hereby added to the contract.

All other terms and conditions of the Agreement remain unchanged.

The Parties have caused this Amendment to be executed by its authorized representatives.

Meadowbrook, Inc.

Oakland-Macomb Interceptor Drain
Drainage District

By:

Its:

By: Jim Nash

Its: Secretary

EXHIBIT "C"

Duties, Responsibilities and Limitations of Authority of Construction Safety Consultant

MIG shall furnish a Construction Safety Consultant ('CSC'), to provide a loss control presence on the Northeast Sewage Pump Station Renovation and North Interceptor – East Arm Rehabilitation Projects, herein defined as “Projects”. The CSC will be in charge of all phases of the Project as it relates to safety and available at all times the Projects is in progress, **but** not to exceed forty (40) hours per week, five days per week, Monday thru Friday except holidays and personal time off. The CSC must be approved by the OWNER.

The duties and responsibilities of the CSC are specifically described as follows:

A. General

CSC, MIG's agent for the Projects, will act as directed by and under the supervision of MIG, and will confer with MIG regarding CSC's actions. CSC's dealings in matters pertaining to the Projects shall in general be with MIG, Engineer(s), Contractor(s) and Subcontractor(s), keeping OWNER advised as necessary. CSC shall generally communicate with OWNER and Engineer(s), with the knowledge of and under the direction of MIG.

B. Duties and Responsibilities of CSC

1. Monitor the compliance of Engineer(s), Contractor(s) and Subcontractor(s) with the Safety Program.
2. Perform daily on-site safety inspections.
3. Advise when appropriate work orders should be issued to Contractor(s) and Subcontractor(s) performing work that might result in serious or willful safety violations.
4. Obtain from Contractor(s) and/or Subcontractor(s) copies of all investigative reports relative to safety and/or health accidents on the Projects. Monitor Contractor's actions to prevent reoccurrence of same on Projects.
7. Discuss problems relating to safety with Engineer(s), Contractor(s) and Subcontractor(s) and issue deficiency notices to same when Work performed is not in compliance with the requirements of the Safety Plan. Maintain a record of safety deficiency notices on-site and make record available for inspection by OWNER's representatives.
8. Establish an appropriate safety committee. Attend the safety committee meetings and prepare and circulate copies of minutes thereof.

9. Provide OWNER and Engineer(s) with copies of the insurance company reports that are issued periodically.

10. Liaison:

- a. Serve as MIG's liaison with Contractor(s) and Engineer(s), working principally through Contractor's superintendent and/or Engineer's Resident Project Representative and assist in understanding the intent of the Project Safety Plan.
- b. Assist in obtaining from OWNER additional details or information, when required for proper execution of the Work.

11. Report to MIG when clarifications and interpretations of the Contract Documents as they pertain to safety are needed and transmit to OWNER, Engineer(s), and Contractor(s) clarifications and interpretations as issued by MIG.
12. Prepare a daily report or keep a diary or log book, recording hours on the job site, weather conditions, data relative to questions of compliance with life safety and property conservation issues.
13. Ensure all personnel on site at the Project are properly badged according to Great Lakes Water Authority and OMIDDD procedures. Issue visitor badges as needed for temporary personnel and keep a record of all visitors to the site. Remove any personnel not properly badged.

C. Limitations of Authority by CSC:

1. Shall not authorize any deviation from the Contract Documents unless authorized by MIG and approved by OWNER.
2. Shall not exceed limitations of MIG's authority as set forth in the Agreement or the Contract Documents.
3. Shall not undertake any of the responsibilities of Engineer(s), Contractor(s), Subcontractor(s), Suppliers, or Contractor's superintendent.

D. Authority of CSC

Coordinate and promote safety precautions and programs in connection with the Work. If CSC observes and recognizes a life-threatening situation arising from the Work, as MIG's representative, CSC shall have the authority to stop the progress of the Work to protect the safety of any persons, or to protect against property damage. MIG shall not be responsible for any Contractor delay claims as a result of issuing such directive(s), unless such claims arise out of or relate to a negligent act, error or omission of MIG or its CSC.

Agenda Item No. 6

Discussion regarding the assignment of the Drainage District Services Agreement from Macomb County to the Macomb Interceptor Drainage District and approval of the 2017 Settlement Agreement by GLWA

Agenda Item No. 7

Approval of Cost-Sharing Agreement between
Macomb Interceptor Drain Drainage District and the
OMIDD (Slip Lining Project)

**MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT AND
OAKLAND-MACOMB INTERCOUNTY DRAIN DRAINAGE DISTRICT**

ROMEO ARM LINING – SEGMENT 5 PROJECT CONTRACT

THIS CONTRACT is made and entered into as of the _____ day of September 2020, by and between the OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (“OMID”), a Michigan public body corporate, and the MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (“MID”), a Michigan public body corporate. In this Contract, either OMID and/or MID may also be referred to individually as a “Party” or jointly as “Parties.”

Recitals:

WHEREAS, the MID is a Michigan public body corporate established in accordance with Chapter 20 of the Drain Code, MCL 280.461 *et seq.*, and is under the jurisdiction of a statutory drainage board; and,

WHEREAS, the MID is an intracounty drain established in 2009 to acquire and improve certain sanitary sewer interceptors, pump stations, meters and appurtenant facilities originally constructed and owned by the City of Detroit to provide wastewater transportation and disposal services to 11 communities located east of the International Transmission Company corridor within Macomb County; and,

WHEREAS, the OMID is a Michigan public body corporate established in accordance with Chapter 21 of Michigan Public Act 40 of the Public Acts of 1956, as amended (the “Drain Code”), MCL 280.511 *et seq.*, under the jurisdiction of a statutory drainage board; and,

WHEREAS, the OMID is an intercounty drain established in 2009 to acquire, improve, operate and maintain certain sanitary sewer interceptors, pump stations, meters and appurtenant facilities originally constructed and owned by the City of Detroit to provide wastewater transportation and disposal services to 23 communities within Oakland and Macomb counties; and,

WHEREAS, the MID desires to perform slip lining on a portion of the Romeo Arm sewer and related appurtenances , as identified in the approved plans and specifications (“Plans and Specifications”) prepared by FK Engineering Associates, dated April 21, 2020, commonly known as the “Romeo Arm Lining – Segment 5 Project,” FKE Project Number 19-134 (the “Project”); and,

WHEREAS, the Parties agree that the Project will likewise benefit the OMID, and the Parties have concluded that the Project can be constructed most economically and efficiently by the MID through the exercise of the powers conferred by the Drain Code; and,

WHEREAS, Plans and Specifications for the Project and an estimate of the OMID borne costs thereof, herein referred to as the Estimated Cost of the Project, have been prepared, and approved by the OMID and the MID, said estimate of cost being set forth in **Exhibit A**; and,

WHEREAS, in accordance with the terms and conditions set forth in this Contract, the OMID has agreed to pay a portion of the Project estimated to cost \$562,500.00 in accordance with the accepted bid for the Project received from Oscar Renda Contracting; and,

WHEREAS, pursuant to Sections 471 and 523 of the Drain Code, the Parties are authorized to execute this Contract according to the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of these premises and the mutual promises, representations, and Contracts set forth in this Contract, and for other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the OMID and the MID mutually agree as follows:

Article I. Statement of Authority and Purpose; Project and Estimate of Cost.

- 1.1 Authority. Pursuant to the Drain Code, specifically MCL 280.471 and 280.523, and any other applicable laws of the State of Michigan, the MID and the OMID enter into this Contract to establish terms and conditions for the Project. Each Party agrees to take all actions reasonably necessary to effectuate the objectives set forth in this Contract.
- 1.2 Purpose. The Parties agree and approve the Project, as provided herein, and approve the designation of the “Romeo Arm Lining – Segment 5 Project” as the name of the Project. The Project is described in the approved Plans and Specifications prepared by FK Engineering Associates, dated April 21, 2020, FKE Project Number 19-134, which includes the following scope: (A1) Removal and Disposal of Sludge, Debris, and Sediments, PCI-7 MH-111 to CS-4; (A2) Slip Lining PCI-7 MH-111 to CS-4 with GFRPMP; and (A3) Manhole PCI-7 MH-111 Spray Lining.
- 1.3 Project and Estimated Cost of the Project; Final Plans and Specifications; Variations. The Project shall consist of the lining of the facilities as described and specified in the Plans and Specifications which are on file with the MID and are incorporated by reference as part of this Contract. The Project shall be constructed substantially in accordance with the Plans and Specifications, prepared and submitted by the consulting engineers, with the understanding of the Parties that variations therefrom that do not materially change the location, capacity or overall design of the Project, and do not require an increase in the total estimated cost of the Project, may be permitted on the sole authority of the MID. Other variations or changes may be made if approved by the MID and the OMID and if provisions required by Section 2.2 are made for the payment of any resulting increase in the total Estimated Cost of the Project. The Estimated Cost of the OMID borne portion of the Project in the amount of \$562,500.00 as set forth in Exhibit A, is approved and adopted. In addition, to the amount set forth in Exhibit A, OMID agrees to pay an amount not to exceed \$56,069.00 for Construction Contract Administration (CCA) services provided by FK Engineering in accordance with a separate agreement between MID and FK Engineering.

Article II. MID Responsibilities.

2.1 The MID shall proceed to:

- (a) enter into construction contracts for the Project;
- (b) procure from the contractor(s) all necessary and proper bonds;
- (c) cause the Project to be constructed; and,
- (d) do all other things required by this Contract and Michigan law and regulations.

2.2 Project Variations and Change Orders. The MID shall have sole authority to approve variations or changes during construction that do not materially change the location, capacity or overall design of the Project, and do not require an increase in the Estimated Cost of the Project. Except as otherwise provided herein, in the event that it shall be necessary to increase the Estimated Cost of the Project for any reason, or if the actual cost of the Project shall exceed the Estimated of Cost of the Project, whether as the result of variations or changes made in the approved plans or otherwise, then the OMID shall not be obligated to pay such increase or excess cost unless the governing body of the OMID shall have adopted a resolution approving such increase or excess and agreeing that the same (or such part thereof as is not available from other sources) shall be defrayed by increased or additional payments agreed to be made by the OMID in the manner as hereinafter provided.

2.3 Contract Administration. The MID will be responsible for contract administration. The MID is hereby authorized, but not required to utilize Macomb County personnel and/or retain the services of a third-party engineering firm to perform contract administration for the Project. The payment for such services shall be the responsibilities of the Parties and allocated between the Parties in accordance with Article III, as part of the cost of the Project. All certificates required for payments to contractors shall be approved by the consulting engineers before presentation to the MID, and the MID shall be entitled to rely on such approval in making payments.

It is understood that MID has an agreement with FK Engineering to provide CCA services, in an amount not to exceed \$2,528,703, in accordance with the proposal and fee schedule dated August 5, 2020, as revised September 4, 2020 and attached as **Exhibit B**. OMID's allocated share for CCA services shall not exceed \$56,069.00.

2.4 Contractor Insurance. The MID shall require all contractors engaged for the Project to provide commercial general liability, umbrella or excess coverage, workers' compensation, and other insurance, as deemed necessary by the MID; and shall require the contractors to name or provide an endorsement naming the MID, the OMID, the Michigan Department of Agriculture and Rural Development, Macomb County, Oakland County, and their respective elected officials, officers and employees, as additional insureds under the required insurance.

2.5 Property Access. To the extent the Project requires access rights, the OMID will cooperate and assist the MID with obtaining and securing the right of access to all public and private

property necessary for the Project. The costs associated with securing the right of access necessary for the Project shall be allocated between the Parties in accordance with Article III, as part of the cost of the Project, and regardless of whether said expense exceeds the Estimated Cost of the Project as set forth in **Exhibit A**.

- 2.6 Permits. The OMID will cooperate and assist the MID with obtaining and securing all licenses, permits, certificates, and governmental authorizations necessary to perform all of its obligations under this Contract. The cost for securing the same shall be the responsibilities of the Parties and allocated between the Parties in accordance with Article III, as part of the cost of the Project, and regardless of whether said expense exceeds the Estimated Cost of the Project as set forth in **Exhibit A**.
- 2.7 Compliance with Laws and Regulations. The Parties will comply with all federal and state laws, regulations, and requirements applicable to the obligations under this Contract.
- 2.8 Ownership, Operation and Maintenance. After completion of the Project, the MID shall be the owner of the Project and shall be responsible for its operation and maintenance.

Article III. Consideration and Payment of Project Costs.

- 3.1 Consideration and Payment of Project Costs. In consideration of the conditions set forth in this Contract, the MID will pay the Project Cost out of available funds, and the OMID agrees to reimburse the MID the estimated cost based on the accepted bid received from Oscar Renda Contracting in the amount of \$562,500.00, subject to Project Variations and Change Orders, if any (to the extent such Project Variation and Change Orders affect the portion of the Project described herein) as set forth in Section 2.2. Upon written request, the Parties will provide to each other all relevant documentation evidencing the final costs of the Project. The Parties shall have the right to inspect and review all documentation evidencing the final total costs of the Project.
- 3.2 Project Costs and Overhead. The MID shall be responsible for all administration and construction Costs and Overhead (including attorney fees and all dispute resolution costs) of the Project, all costs and expenses relating to lawsuits as described in Section 3.3 and all costs described herein, in the same manner as provided in Section 3.1 with respect to other costs of the Project. The Parties agree that the term “Costs” shall be defined in this Contract as the labor, including statutory and customary fringe benefits, overtime, material and supplies, power and utility services, vehicle/equipment rental and subcontractor services devoted specifically to the Project, and any other costs identified in this Contract. The term “Overhead” shall be defined in this Contract to include the following: all allocation of the labor cost, including statutory and customary fringe benefits of personnel responsible for administering this Contract or supervising the work performed in conjunction with this Contract; an allocation of expenses of the MID and the OMID for the Project; and an allocation of the indirect cost of the MID and the OMID charged to Macomb County or Oakland County for support services, such as (but not limited to) legal, personnel, accounting, computer support and insurance/risk management for the Project.

3.3 Liability and Claims; Selection of Legal Counsel.

1. The Parties agree the costs and expenses of any lawsuits or claims arising directly out of this Contract or the construction of the Project, to the extent that such costs and expenses are chargeable to the MID or the OMID, shall be deemed to constitute a part of the cost of the Project and shall be paid and allocated between the Parties in accordance with Article III, as part of the cost of the Project and regardless whether said expense exceeds the Estimated Cost of the Project as set forth in **Exhibit A**. In the event of litigation against the MID in relation to the Project, the MID will consult with the OMID and retain legal counsel agreeable to the MID and the OMID to represent the MID; provided that, if the MID and the OMID cannot agree as to such representation within a reasonable time, the MID shall exercise its discretion and retain legal counsel. This paragraph shall not apply to a lawsuit instituted by the MID or the OMID to enforce its rights under this Contract.

Article IV. Effective Date; and Term.

- 4.1 Effective Date. This Contract shall become effective upon the approval by resolutions of the drainage boards of the MID and of the OMID; and execution by each Party.
- 4.2. Term. This contract shall terminate upon completion of the Project.

Article V. General Provisions.

- 5.1 Governing Law. This Contract is made and entered into in the State of Michigan and shall in all respects be interpreted, enforced and governed under the laws of the State of Michigan. The language of all parts of this Contract is intended to and, in all cases, shall be construed as a whole according to its fair meaning, and not construed strictly for or against any party. As used in this Contract, the singular or plural number, possessive or non-possessive shall be deemed to include the other whenever the context so suggests or requires.
- 5.2 Reservation of Rights; Governmental Function. This Contract does not, and is not intended to impair, divest, delegate, or contravene any constitutional, statutory, and/or other legal right, privilege, power, obligation, duty, or immunity of the Parties. In addition, the Parties maintain that the obligations set forth in this Contract will be in the exercise or discharge of a governmental function. Nothing in this Contract shall be construed as a waiver of governmental immunity for either Party.
- 5.3 Severability. If any provision of this Contract or the application to any person or circumstance is, to any extent, judicially determined to be invalid or unenforceable, the remainder of the Contract, or the application of the provision of persons or circumstances other than those as to which it is invalid or unenforceable, is not affected and is enforceable, provided the invalid provision does not substantially alter the Contract or make execution impractical.

- 5.4 Binding Contract; Assignment; and Amendments. This Contract will be binding upon and for the benefit of the Parties hereto and their respective successors and assigns, subject to any assignment requiring the prior written consent of the non-assigning Party by an amendment to this Contract signed by both Parties, and the assignor binding the assignee to the terms and provisions of this Contract.
- 5.5. Counterparts. This Contract may be executed in any number of counterparts, and each counterpart shall be considered a valid original.
- 5.6 Captions. The section headings or titles and/or all section numbers contained in this Contract are intended for the convenience of the reader and not intended to have any substantive meaning and are not to be interpreted as part of this Contract.
- 5.7 Notices. All correspondence and written notices shall be considered delivered to a Party as of the date that such notice is deposited with the U.S. Postal Service to be delivered to the following:

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT:

MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
Attn: MACOMB COUNTY PUBLIC WORKS COMMISSIONER
21777 Dunham Road
Clinton Township, Michigan 48036

OAKLAND-MACOMB INTERCOUNTY DRAIN DRAINAGE DISTRICT:

OAKLAND-MACOMB INTERCOUNTY DRAIN DRAINAGE BOARD
Attn: OAKLAND COUNTY WATER
RESOURCES COMMISSIONER
1 Public Works Drive
Waterford, Michigan 48328

- 5.8 Notice of Claims; Cooperation. The Parties agree that they shall promptly deliver to the other Party written notice and copies of any claims, complaints, charges, or any other accusations or allegations of negligence or other wrongdoing, whether civil or criminal in nature, that the other Party becomes aware of which involves, in any way, the Project. Unless otherwise provided by law and/or the Michigan Court Rules, the Parties agree to cooperate with one another in any investigation conducted by the other party of any acts or performances of the obligations under this Contract.
- 5.9 Recitals. The recitals shall be considered an integral part of the Contract.

[Signatures on following page]

IN WITNESS WHEREOF, this Contract is executed by the Parties on the date hereafter set forth in the opening paragraph of this Contract.

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

By: _____
Candice S. Miller, Macomb County Public Works
Commissioner in her capacity as Chairperson
For the Macomb Interceptor Drain Drainage Board

OAKLAND-MACOMB INTERCOUNTY DRAIN DRAINAGE DISTRICT

By: _____
Michael Gregg, Deputy Director of the Michigan Department
of Agriculture and Rural Development in his capacity as Chairperson
For the Oakland-Macomb Intercounty Drain Drainage Board

EXHIBIT A - PCI-7 Cleaning and Lining Cost Estimate

AGREEMENT BETWEEN MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT AND OAKLAND-MACOMB INTERCDEPTOR DRAIN DRAINAGE DISTRICT

	Alternate Items											Average Bid Amount
				Engineer's Estimate	Engineer's Notes	Quadex Lining Systems		L. D'Agostini & Sons, Inc.		Oscar Renda Contracting		
		Unit	Estimated Quantivy			Unit Bid Price	Bid Amount	Unit Bid Price	Bid Amount	Unit Bid Price	Bid Amount	
A1	Removal and Disposal of Sludge, Debris, and Sediments PCI-7 MH-111 to CS-4	TON	300	\$15,000.00	This value was based on estimate from sewer walk (15 ton) before RedZone info	\$1,120.00	\$336,000.00	\$993.00	\$297,900.00	\$100.00	\$30,000.00	\$221,300
A2	Slip Lining PCI-7 MH-111 to CS-4 with GFRPMP	LF	220	\$264,000.00	about \$1645/ft	\$2,300.00	\$506,000.00	\$2,019.50	\$444,290.00	\$2,150.00	\$473,000.00	\$474,430
A3	Manhole PCI-7-MH-111 Spray Lining	SF	700	N/A	This was added after our cost estimate was completed	\$35.00	\$24,500.00	\$51.50	\$36,050.00	\$85.00	\$59,500.00	\$40,017
	PCI-7 Subtotal			\$430,000.00	If 300 ton value is used, then PCI-7 subtotal would be \$715,000		\$866,500.00		\$778,240.00		\$562,500.00	\$735,747

EXHIBIT B-FKE PCI-7 Lining CCA Costs)

MCPWO ROMEO ARM LINING - SEGMENT 5 CCA - PCI-7 Portion																					
MCPWO-WWS-2020-007																					
ENGINEERING SERVICES		Revised Estimated Staff Hours By Classification																		Total Hours	Total Estimated Fees
		FKE Services							AEW Services					ASI Services							
		Principal	Project Principal	Project Engineer	Senior Staff Engineer	Staff Engineer	Tech/Admin	Expenses	Principal Engineer	Senior Project Engineer	Graduate Engineer / Team Leader	Drafter / Technician / Construction Observer	2-Person Survey Crew	Expenses	Principal Engineer	Senior Project Manager	Project Manager	Staff Engineer	CADD Manager		
	Engineering Sub-Task	\$ 199	\$ 159	\$ 119	\$ 99	\$ 86	\$ 57		\$ 175	\$ 161	\$ 151	\$ 100	\$ 236		\$ 175	\$ 161	\$ 127	\$ 96	\$ 103		
TASK 2B: PCI-7 Lining																					
2.1	Project Management																				
	Project Manager - ZFC assume 3 days		24					100												24	\$ 3,921.00
	Technical Advisors - FJK, KDR, LIU assume 15 hours	15						100	15				100		15					100	45 \$ 8,550.00
	Document Contoller - assume 1 week						40	250												40	\$ 2,542.50
																			Sub-Total	109	\$ 15,013.50
2.2	Construction Observation																				
	Resident Engineer - NJB 3 weeks			120				400												120	\$ 14,700.00
	Inspector - FKE 3 weeks				60	60		750												120	\$ 11,887.50
	Inspector - AEW 2 weeks										80		300							80	\$ 8,315.00
	Project Daily Field Report Review	1	6	18			20	150	1	2	6		150							54	\$ 6,153.00
																			Sub-Total	374	\$ 41,055.50
	Sub-Total TASK 2B	16	30	138	60	60	60		16	2	6	80	0		15	0	0	0	0	483	\$ 56,069.00
	Est. # of Days by Classification	2.0	3.8	17.3	7.5	7.5	7.5		2.0	0.3	0.8	10.0	0.0		1.9	0.0	0.0	0.0	0.0	60.4	
															PCI-7 Bid Amount		\$562,500		CCA % of Bid		10.0%

Agenda Item No. 8

Change Order

CHANGE ORDER NO. EIGHT
Oakland Macomb Interceptor Drain, Drainage Board (OMIDDD)
For Construction of the Odor/ Corrosion Control Facility Project,
Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

CONTRACTOR: CSM Mechanical, LLC

Address: 7400 Hickory Valley Drive
Fenton, MI 48430

Authorization for:

1.) Concrete Foundation Size Increase for Wet Well Makeup Air Units (MAU) Numbers 1 and 2; 2.) Wet Well Exhaust Fan Concrete Pad and Stainless Steel Transition; 3.) Relocation of the Dry Well Exhaust Fans to accommodate existing conditions.

Change Order No.: 8 Date: Rev. September 3, 2020

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
8-1	<p><u>LOCATION:</u></p> <p><i>Northeast Sewage Pumping Station (NESPS), located in the City of Detroit, Wayne County, Michigan</i></p> <p><u>DESCRIPTION: (Change/ Add):</u></p> <p>Furnish labor, material, and equipment to provide for a larger foundation pad for the Wet Well Make Up Air Units (MAU) Numbers 1 and 2.</p> <p><u>REASON:</u></p> <p>The final approved submittals for this equipment required a larger foundation "footprint" than was originally indicated in the Contract documents. This necessitated additional excavation and backfill work, as well as increased formwork, re-steel, and concrete placement tasks, all of which were performed under winter protection conditions.</p> <p>Attachment: CSM Mechanical Summary of August 13, 2020</p>	LS	1 ea.	\$9,788.64	\$9,788.64	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 8

8-2	<p><u>DESCRIPTION: (Change/ Add):</u></p> <p>Provide labor and materials to construct four ea. concrete transition (housekeeping) pads for the Wet Well Exhaust Fans (WWEF), and fabricate and install a Stainless Steel transition cap for WWEF # 1.</p> <p><u>REASON:</u></p> <p>The existing Wet Well deck openings intended for use for the new WWEF installation were not accessible for pre-design inspection. The described adjustments were necessary to provide for installation of the new work in the existing as-built openings once the actual conditions became available for measurement and alternative construction details.</p> <p>Attachment: CSM Mechanical Summary of 8/31/20</p>	LS	1 ea.	\$5,613.75	\$5,613.75	-0-
8-3	<p><u>DESCRIPTION: (Change/ Add):</u></p> <p>Provide labor, material, and equipment to relocate the proposed Dry Well roof exhaust fans to revised locations in order to accommodate as-built conditions not discernable prior to commencement of actual construction.</p> <p><u>REASON:</u></p> <p>The proposed locations for installation of the Dry Well Exhaust fans were determined to be unusable due to as-built dimensional limitations. The revised locations required additional effort to re-work fan base components. Also required was specialized man-lift equipment to complete the work in an alternative inaccessible location directly above the main wet well floor hatch. Additional work was then required to fill and secure roof deck void spaces resulting from the resulting unused fan openings.</p>	LS	1 ea.	\$14,207.92	\$14,207.92	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 8

	Attachment: CSM Mechanical Summary of 9/2/2020.					
					Amount Increase	Amount Decrease
				Totals	\$29,610.31	-0-
				Net Changes (Add)	\$29,610.31	-0-

END OF CHANGE ORDER NO. EIGHT ITEMIZED DESCRIPTIONS

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 8

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

Date:

9-9-20

FOR Recommended By:
Jason Matteo, P.E.
Project Manager, Jacobs

Date:

9/9/2020

Approved by:
Joel Brown, P.E.
Project Manager, WRC

Date:

9/10/20

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

Date:

9-10-2020

Approved By:
Sid Lockhart, P.E.
Manager of Special Projects, WRC

Date:

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

Date:

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

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

Accepted by:

Date

Title

of:

CSM Mechanical, LLC

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

This Change Order No. 8 was approved by the Drainage Board on:

Date:

Agenda Item No. 9

Construction Estimates

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the Odor / Corrosion Control System- Northeast Sewage Pumping Station
Located in the City of Detroit, Wayne County, Michigan
Project ID 100000002708

Regular Construction Estimate No. Thirteen ✓
(9-10-20)

August 1, 2020 through August 31, 2020

Department No.: 6010101
Fund No.: 84915
Project No.: 295117

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

Contractor:
CSM Mechanical, LLC
7400 Hickory Valley Dr.
Fenton, MI 48430

Contract No. # 5777

Date of Contract: July 3, 2019
Final Completion Date: September 27, 2020
Adjusted by C.O. 5 to: August 28, 2020

Original Contract Amount:		\$3,783,390.00
Previous Change Orders:	C.O.#1, 2, 3, 4, 5, 6, 7	\$385,799.59 ✓
Change Orders This Estimate:	C.O. # 8	\$29,610.31 ✓
Total Net Change Orders:		\$415,409.90
Adjusted Contract Amount:		\$4,198,799.90 ✓
Sub-Total To Date:		\$4,144,900.06
Less Deductions:		None
Gross Estimate: (Work in Place)	98.75 % Complete	\$4,144,900.06
Less Amount Reserved (LS = \$138,821.18)		\$138,821.18
Total Amount Allowed To Date:		\$4,006,078.88
Less Previous Estimates:		\$3,918,253.89 ✓
Net Payment Request To Be Paid To Contractor:		\$87,824.99 ✓
Reserve Payment to Contractor:		\$0.00
Balance to Finish: \$53899.84 ✓	Accounting Auditor: <i>jlb</i>	
Amount To Be Reserved (From Above)		\$138,821.18
Less Previous Transfers To Reserve:		\$138,821.18 ✓
Amount of Current Transfer		\$0.00

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

Date: *9-9-20*

FOR Recommended by: *Jason Matteo*
Jason Matteo, P.E.; Jacobs

Date: *9/9/2020*

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

Date: *9/10/20*

Recommended by: *Stephen Downing*
Stephen Downing; Macomb County OPWC

Date: *9-10-2020*

Approved for Payment by: _____
Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Date: _____

Regular Construction Estimate No. Thirteen

Approved By Board On: _____

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
OMIDDD Flow Control Modifications (CS Hatch Modifications)
Warren and Sterling Heights, Macomb County, Michigan**

Regular Construction Estimate No. 2

May 30, 2020 to August 31, 2020

Department No.: 61010101
Fund No.: 82912
Project No.: 1-3016

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

Contractor:

Account No.: 5817
Date of Contract: October 17, 2019
Completion Date: N/A
Extended to: N/A

Original Contract Amount: \$205,050.00

Previous Change Orders: \$0.00
Numbers: (none)

Change Orders This Estimate: \$0.00
Numbers: (none)

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$205,050.00

Sub-Total To Date: (Sheet 3 of 3 Column 7) \$199,680.00

Less Deductions: (Sheet 3 of 3 Column 7) \$0.00

Gross Estimate: (Work in Place) 97.38% \$199,680.00

Less Amount Reserved: (10% of 1/2 Adjusted Contract Amount) \$10,252.50

Total Amount Allowed To Date: \$189,427.50

Less Previous Estimates: \$93,227.50

Net Payment Request To Be Paid To Contractor: \$96,200.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 5,370.00 Accounting Auditor:

Amount To Be Reserved (From Above) \$10,252.50

Less Previous Transfers To Reserve: \$10,252.50

Amount of Current Transfer: \$0.00

Prepared by: Joel Brown
Joel Brown, P.E. - OCWRC Assistant Chief Engineer

Date: 9/10/20

Recommended by: Fritz Klingler
Fritz Klingler, P.E. FK Engineering Inc.- Consulting Engineer

Date: 9/10/2020

Approved by: Stephen Downing
Stephen Downing - Construction and Maintenance Manager, MCPWO

Date: 9-14-2020

Approved For Payment: Sid Lockhart
Sid Lockhart - Special Projects Manager, OCWRC

Date: _____

Regular Construction Estimate No. 2

Approved By Board On: _____

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
OMIDDD NESPS Dry Well Elevator Modernization
Detroit, Wayne County, Michigan**

Regular Construction Estimate No. 1

July 1, 2020 to August 31, 2020

Department No.: 61010101
Fund No.: 82912
Project No.: 1-3018

Account No.: 731472
Program No.: 149667
Activity: STD

Contractor:
Detroit Elevator Co.
2121 Burdette
Ferndale, MI 48220

Account No.: 6076
Date of Contract: August 1, 2019
Completion Date: N/A
Extended to: N/A

Original Contract Amount (For Elevator): \$262,838.00

Previous Change Orders: \$0.00
Numbers: (none)

Change Orders This Estimate: \$0.00
Numbers: (none)

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$262,838.00

Sub-Total To Date: (Sheet 3 of 3 Column 7) \$167,980.50

Less Deductions: (Sheet 3 of 3 Column 7) \$0.00

Gross Estimate: (Work in Place) 63.91% \$167,980.50

Less Amount Reserved: (10% of 1/2 Adjusted Contract Amount) \$13,141.90

Total Amount Allowed To Date: \$154,838.60

Less Previous Estimates (15% Advance Per Contract): \$39,425.70

Net Payment Request To Be Paid To Contractor: \$115,412.90

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 94,857.50 Accounting Auditor:

Amount To Be Reserved (From Above) \$13,141.90

Less Previous Transfers To Reserve: \$0.00

Amount of Current Transfer: \$13,141.90

Prepared by: Joel Brown, P.E. - OCWRC Assistant Chief Engineer

Date: 9/11/20

Recommended by: Terry Moore, METCO- Consulting Engineer

Date: 9-14-2020

Recommended by: Stephen Downing - Construction and Maintenance Manager, MCPWO

Date: 9-14-2020

Approved by: Sid Lockhart, P.E. - Special Projects Manager, OCWRC

Date: _____

Regular Construction Estimate No. 1

Approved By Board On: _____

Agenda Item No. 10

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

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

F. Klingler, P.E., N. Kacynski, FK Engineering Assoc.
S. Sachidanandan, P.E., L. Gilbert, P.E., NTH Consultants, Ltd.
J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco
J. Matteo, P.E., Jacobs Engineering, Inc.

September 16, 2020 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (September 10, 2020) 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 – Ongoing:

Engineering Consultant: Jacobs Engineering

Project Budget Summary (including EWO No. 2):

- | | |
|--|--------------|
| • Adjusted Project Budget (including Fan Testing Allowance of \$60,000): | \$531,447.00 |
| • Total Spent (through Aug. 2020): | \$468,382.32 |
| • Remaining Budget (through Aug. 2020): | \$63,064.68 |

Milestone Schedule Summary:

- Submitted draft report in January 2020
- Facilitated progress meeting with both counties on August 14, 2020. Presented supplemental WATS sewer process modeling that reflects planned flow control. Discussed remaining work elements and next steps for completion of the project.
- Working toward final resolution of issues and final report; see below, to be submitted in late September 2020.

Status of Major Project Tasks:

- Continued WATS state-of-the-art sewer process model to reflect future lining and flow control operating conditions, including storage/release sequences for selected OMID repair reaches.
- Continued to advance the conceptual design of permanent vapor-phase and possible temporary liquid-phase odor/corrosion control alternatives.
- Continued to prepare conceptual layouts of several mitigation facilities.

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SRF Segment 2 Status:

Contract 3 (Base Contract) – Complete, Closeout Pending

Construction Amt Invoiced: \$18,011,426.41, as adjusted by C.O. 11.
Schedule Status: Complete July 31, 2014; Overall Contract closeout will be combined with closeout for NESPS Discharge Chamber Emergency Repairs (CO 2-E, et al).

Contract 3-2E thru 3-2J (NESPS Gatehouse): Substantially Complete

Construction Amt Invoiced: \$5,151,543.52 Invoiced to date including Change Order 2E through 2J.
Schedule Status: Substantially Complete on 11/25/17, with additional Gatehouse lining work performed under Change Order 2-I and completed on March 31, 2019.

East side Tnemec repairs are complete; west side repairs remain delayed as a result of Pump 1 damage incurred in January 2020 during testing. The pump is now repaired and operating normally, Tnemec Repairs currently planned for the week of September 14, 2020. Segment 2, Contract 3 (Base Contract and Emergency Gatehouse Repairs) remains open.



Delivery of Pump No.1 to the site.

SRF Segment 3 Status:

Contract 4: Complete

SRF Segment 4 Status:

Contract 5A/5B – Complete, Administrative Closeout Pending:

Construction Amount Invoiced (C5A/B): \$11,865,520.08 corresponding to 100% of the revised final contract amount, through 6/30/17.
Schedule Status: Completed 12/31/16, on time, based on revised completion, as established by Change Order.

- City of Utica Use Agreement for access paths is pending; awaiting final authorization.

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Contract 6 – Complete

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

NESPS Odor/Corrosion Mitigation Sys (No Segment or Contract No.)

Engineering Consultant: LG Design, Inc., subsidiary of Jacobs Engineering

Prime Construction Contractor: CSM Mechanical, LLC

Project Budget Summary:

• BioAir Solutions, LLC for Bio-Trickling Filter (BTF) Fabrication:	\$816,570.00
• CSM Mechanical, LLC (Original Contract Value):	\$3,783,390.00
• CSM Mechanical, LLC (Adjusted Contract Value w/ CO No. 1 through CO No. 7):	\$4,169,189.59
• CSM Total Earned, Less Retainage, through 7/31/2020 (Pay App No.13):	\$3,918,253.89
• CSM Balance to Finish, Including Retainage (As of Pay App # 13):	\$250,935.70
• Jacobs Budget (Design and CA/RPR, per EWO #3):	\$1,272,470.46
• Remaining Jacobs Budget (through Aug. 2020):	\$184,948.21

Milestone Schedule Summary:

- Notice-to-Proceed letter to CSM dated August 1, 2019.
- Installation of the Bio Trickling Filter (BTF) at NESPS: Interim Substantial Completion, per Contract Amendment, was April 18, 2020, with Final completion August 28, 2020. The actual Final Completion date will be delayed due to the addition of extra work items commencing late in the project but should be achieved by the original Sept. 28, 2020 Final Completion date.
- BTF Acclimation, Start-up and Testing: Currently in Progress and considered largely accomplished.
- HVAC Improvements Substantial Completion: June 28, 2020, complete.

Status of Major Project Tasks:

- Bi-weekly construction progress meetings continue in a virtual format.
- The installation of the biotrickling filter (BTF), odor control fans, odorous air ducting, and related components have been completed. The biotrickling filter startup and commissioning process began on April 21, 2020 and was switched to begin operating in normal operation mode on Friday, July 31, 2020. Odor loggers have been installed to temporarily monitor inlet and outlet H₂S concentrations to monitor performance. The manufacturer's technical startup team arrived on site on Monday, Aug. 17, 2020 following previous delays due to Covid-19 travel restrictions. Final adjustments and punch list activities ensued, with performance testing on Thursday, August 20, 2020. The system appears to be performing as anticipated. Additional punchlist items remain outstanding relating to the biotrickling filter and are expected to be completed in the month of September 2020.
- Electrical and controls wiring installation activities have been completed inside the station to provide power and controls to various components of the new HVAC system. Startup and commissioning of the HVAC system has commenced, and only minor final adjustments remain as the system continues in normal operation.

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Biotrickling filter prepared and ready for performance testing activities.

- The Wet Well Crane Structural Frame has been blast cleaned and re-coated with a new paint system. Installation of the new 4-ton Wet Well crane mechanism has been completed and the unit is now fully functional. The addition of a partial roof shelter will commence upon arrival of the specialty materials. Cleaning and painting of the Wet Well Hatch covers will also occur following completion of minor steel trim repairs.
- Wet well supply air make-up air units have both been installed, integrated into the HVAC controls system, and are now fully operational. Both wet well exhaust fans and associated FRP exhaust duct work have been placed above the wet well roof and are operational. Final adjusting activities remain for air balancing of the wet well HVAC system, and is expected to be completed in the month of September 2020.
- All dry well HVAC components have been installed including power and controls and are now operational. HVAC control system components including the master control panel, gas detection panel, and associated strobes, beacons, instruments, and devices have arrived on site and all have been installed. Following final completion of power and controls wiring and conduits in June 2020, these components have been integrated into one fully functioning HVAC control system (including SCADA) and final startup and commissioning is ongoing.
- Site grading for the BTF pad and adjacent areas have been completed; grade has been set and hydroseeding has been completed and turf growth established, with final adjustments to take place during punch list activities. Final aggregate base and concrete paving work will be deleted from the Odor/Corrosion Control project and added to the upcoming Pump and Electrical Rehabilitation project.
- Project has exceeded the revised final completion of August 28, 2020, largely due to travel restrictions relating to covid-19. However, only a few punchlist items remain and are expected to be completed in the month of September 2020.

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Scaffolding placement in preparation of 4-Ton crane replacement activities near the wet well.

NESPS Odor/Corrosion Mitigation System Project Location



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NESPS & OMID Maintenance & Repairs Status:

Amt Invoiced: \$140,481 thru August out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing maintenance.

Schedule Status: Ongoing

Advance modifications to facilitate the “Emergency Contingency Plan” are underway to allow pumping in the event of total power loss at NESPS or other catastrophic failure in the system:

- Drawings for modifications to accommodate upstream emergency pumping have been issued for procurement of contractors. Negotiation with contractors is in progress.
- Plan to energize OMID Pump 4 in event of total power loss is complete; A demonstration of the portable generator was completed and start of work is pending.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations is drafted and being reviewed by technical team.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without problem. Shutdown coordination with GLWA Operations for such tasks is working well.
- Monthly Maintenance Contractor meeting held. General maintenance topics discussed.
- Working with GLWA Systems Control on a more balanced approach to Sanitary Pump run time.

Overall Station Performance Report:

- Sanitary Pumps #1, #2, #4, #5 and #6 remain ready for duty. (650 CFS Capacity).
- Sanitary Pump #1 Motor, Shafting and all related components has been installed and tested on July 28th and Aug 10th. GLWA and their sub-contractors ran the Pump through various run sequences (Local, Auto and Emergency stop modes of operation). During the July 28th test, pump shaft bearing noise, excessive heat and oil leakage derailed extended runtime. After addressing shaft bearing issues a re-test on Aug 10th satisfied GLWA’s assessment and Pump #1 was officially returned to regular service on Sept. 2, 2020 by GLWA.
- Regarding Sanitary Pump #4, Eaton Electrical Technicians completed Medium Voltage VFD Inspections and Preventative Maintenance. No major issues found. Minor corrective work has been scheduled. Full report to be filed.
- Routine Bi-Monthly Motor Maintenance scheduled for end of September.
- Service Elevator rehabilitation in progress. Elevator contractor reported that the rehabilitation efforts are progressing well and that the expected turnaround is October 1st.
- 4 Ton Outdoor Crane rehabilitation is complete. New Motor/Hoist installed. 4 Ton Certification load test passed without any issues. Operations and Maintenance Manual along with Test Certification Certificate received. Currently tagged out of service due to a minor electrical conduit issue.
- Repair of the Dewatering Pump and the replacement of knife gates in the dry pit remain contingent on outstanding work to be performed at CS-5 (transducer replacement), MID support, and Lockout/Tagout finalization.

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- Stand-by Generator Programmable Logic Controller (PLC) scheduled for upgrade. Parts ordered with an anticipated five-week lead time on delivery per contractor.
- Stand-by Generator Diesel Tank and Fuel Line rehab project. Kick off meeting in process of scheduling. Work anticipated to start in late September.
- BioAir completed on site training and punchlist corrective items Aug 17 thru Aug 19th.
- Regarding Bio Filter Performance, H2S and PH levels are monitored and recorded daily, and readings are reported to BioAir with adjustments made accordingly. Current efficiency levels range at the 99% removal rate.
- New odor complaint received from EGLE 2pm Friday, Sept 9th. Station conditions at time of complaint were normal (dry weather, light winds out of the west, one sanitary pump in operation). Hala Baroudi (EGLE) was informed.
- Jacobs and their representatives performed a walkthrough or sniff-around of the Bio Filter- Pumpstation area Wed, Sept 9th where there were reported very slight smells in the area.
- Overall General Housekeeping tasks in order. Overall Grounds keeping tasks are also in order.

OMID Control Structure Upgrades Status:

Amt Invoiced: \$52,728 to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

Schedule Status: Construction substantially complete 8/14/20

- With respect to CS-5, the control structure remains out of service. Both gates are opened 100%. Hatch modification work began May 5th and was completed on 8/3/20. Site conditions have been restored. HESCO improvements, inspections, repairs, and MCET gate release curve programming, are subject to delay at this time. HESCO is scheduled to install replacement items once Lock-out-Tag-out procedures are finalized (ongoing effort; currently under legal review).
- With respect to CS-6, Hatch modification work began on Monday 5/11 and was completed on 5/15. HESCO improvements, inspections subject to delay at this time. Gate operations and feedback from sensing devices are good. Gate is in standby mode ready for service. Pump-station housekeeping in good condition. Pump station in standby mode and is ready for service.
- With respect to CS-7, hatch modifications and restoration were completed as of 8/7/20. Gate operations and feedback from sensing devices are good, currently in stand-by mode ready for service. HESCO improvements on hold pending LOTO agreement.
- Hesco reports that CS-8 is functional but in various stages of deterioration per HESCO condition assessment. Most components are at end of life status. Critical spare parts and long lead items are a subject of attention. HESCO has developed an inventory list.
- MCE has drafted Programmable Logic Controller (PLC) changes for gate operation as well as communications upgrades.
- Once position indicators are repaired, and level sensors are installed, ASI testing will be completed.

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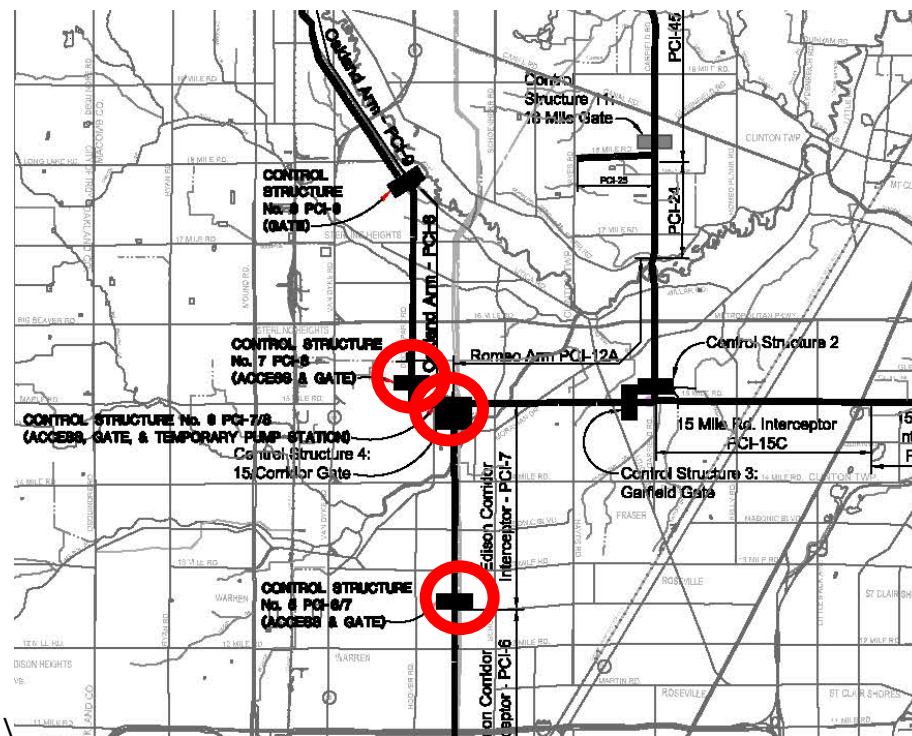


Paving of Dodge Park Rd. at CS-7 (upper left). Placement of Precast Panel at CS-7 (above). Finishing grout work at CS-5 (left).

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The line item schedule and budgets are summarized:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractors)	Estimated Delivery Date
1	Draft PLC Mods by Metco, MCE, ASI			5/8/2019
2	Field Investigations (roof measurements, etc.)		TBD	5/30/2019
3	CS level sensors design (Metco)		TBD	7/29/2019
4	Comm. System Improvements (Metco)		TBD	8/31/2019
3	Test and implement			4/1/2020
4	50% Design Package			6/20/2019
5	95%, 100% Design Package			9/9/2019
6	Receive Bid(s) for cover mods			11/10/2019
7	Contract Award and NTP for cover mods			12/10/2019
8	Subtotal – Design	\$9,000 (ASI)		
9	PCI-5 Gate Repairs and final install of level sensors	TBD	TBD	3/31/2020
10	Substantial Completion of Hatch Construction			8/15/2020
11	Final Testing and Approval of PLC Mods	TBD	TBD	10/1/2020
12	Final Completion of Construction	\$11,000 (ASI)	\$300,000 (est.)	10/1/2020



OMID Control Structures Upgrade Project Locations (in red)

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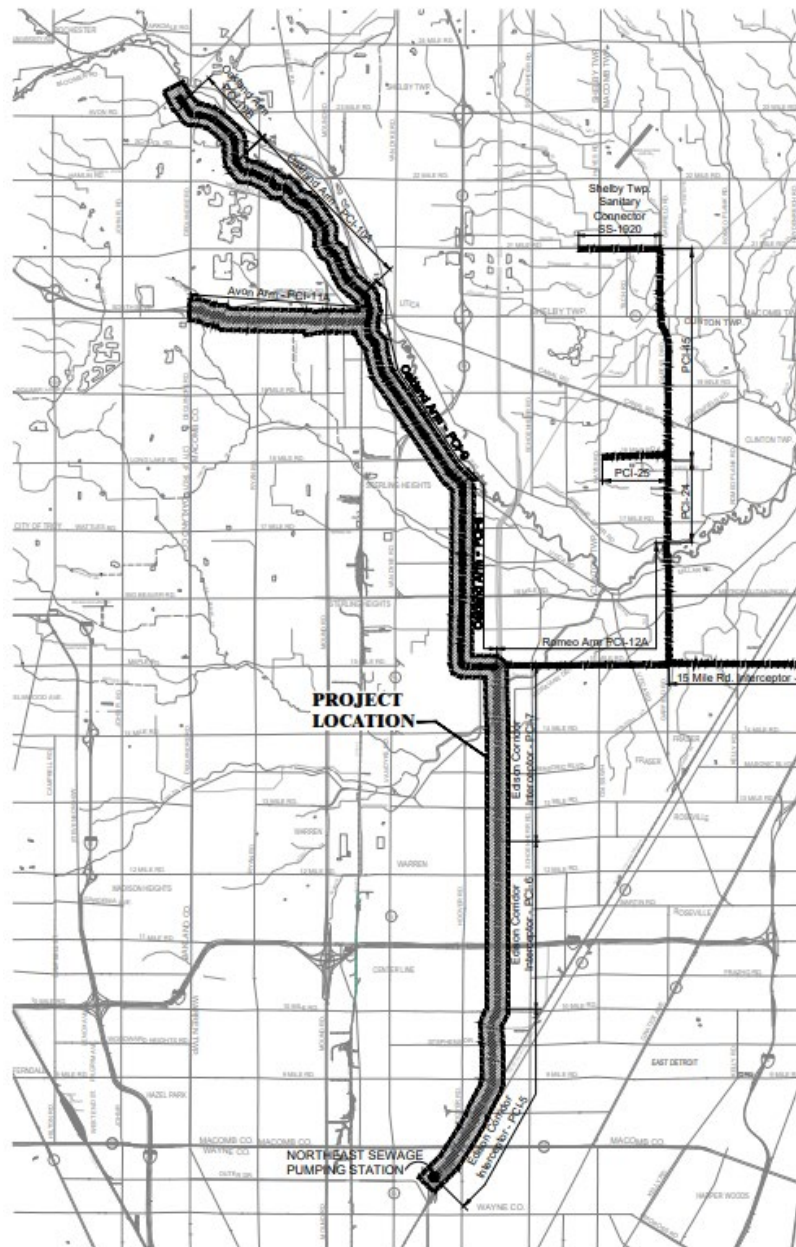
OMID System Immediate Repairs Status:

Amt Invoiced: \$57,269 out of original total design budget of \$21,418; Total design and construction budget currently is established as \$1,352,801 (including contingencies and admin/legal).

Schedule Status: Second round of bids were received on 11/6/19; awarded 11/20/19.

- Doestch Environmental was awarded the contract at the November Board Meeting.
- Field work is pending work crew availability, completion of emergency grouting in PCI-12A, and agreement on Lock-out Tag-out procedures. Start of work anticipated to begin shortly, pending LOTO finalization.
- The current **draft** line item schedule and budget for the OMID System Immediate Repair Project are summarized below:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Field Investigations (Conducted under Warranty Repairs budget)	Part of AMP Project		10/01/2018
2	50% Design Package			4/16/2019
3	95%, 100% Design Package			5/20/2019
4	Issued for Bid/Pricing			7/17/2019
5	Bid Opening (Original)			8/07/2019
6	Revised 100% Design Package			9/20/19
7	Issued for Bid/Pricing			10/8/19
8	Bid Opening (Revised)			11/6/19
6	Contract Award and NTP			1/1/20
	Subtotal - Design	\$21,418		
7	Final Completion of Construction	\$66,122	\$1,352,801	6/5/20 (initial; actual TBD)



OMID Immediate Repairs Project Location

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NIEA Repairs (Study and Design/Construction)

Amt Invoiced: \$1,559,715 out of currently projected study/design budget of \$2,400,570; Total design and construction budget currently is \$44,168,770 (including contingencies and admin/legal).

Schedule Status: Bid documents are out for PCI-4 Rehabilitation; additional field work and investigations are underway for PCI-18 & 19 rehabilitation project. Liner study is 100 percent complete; PCI-4 design 100 percent complete; PCI-18 & 19 design approximately 65% complete.

- PCI-4 Issued for bid documents are out; bid date extended to Sept 30.
- 90% design for PCI-18/19 rehabilitation project is underway.
- Coordination meetings and discussions are ongoing regarding cost sharing of rehabilitation of common to all portions of the NI-EA and new control structures, easement agreement to use NESPS site for contractor laydown during PCI-4 rehabilitation, and other miscellaneous design coordination efforts. GLWA is supportive of the general approach for the project, but hesitant on cost sharing. Negotiations ongoing.
- The aerial survey of the interceptor alignment is complete. The survey crews have recorded the manhole elevations as well as control points necessary to compliment the aerial survey. Additional surveys were performed at proposed shaft locations. Currently working to gather additional basemap information and utility information at 7-mile adit structure location.
- Geotechnical report completed and issued with Issued for Bid design documents. Additional investigation was carried out at PCI-4 shaft location and report was issued in late August 2020.
- Hydraulic model has been updated to evaluate flow control in PCI-4. A final memorandum was issued with the Issued for Bid design documents.
- Obtained Part-41 permit. Other permit coordination with municipal agencies are ongoing – City of Detroit, Wayne County, GLWA, EGLE, and MDOT.
- Prepared cost estimation for various liner options and an engineer's estimate of construction cost as well as a construction schedule; updates ongoing.
- Conducted an alternate pre-bid meeting for PCI-4 Rehabilitation project on July 22, 2020.
- Issued Addendum 1, 2 and 3 for PCI-4 Rehabilitation project.
- PCI-4 Rehabilitation bid date extended to September 30, 2020.



Potholing of Utilities at Proposed Shaft Location

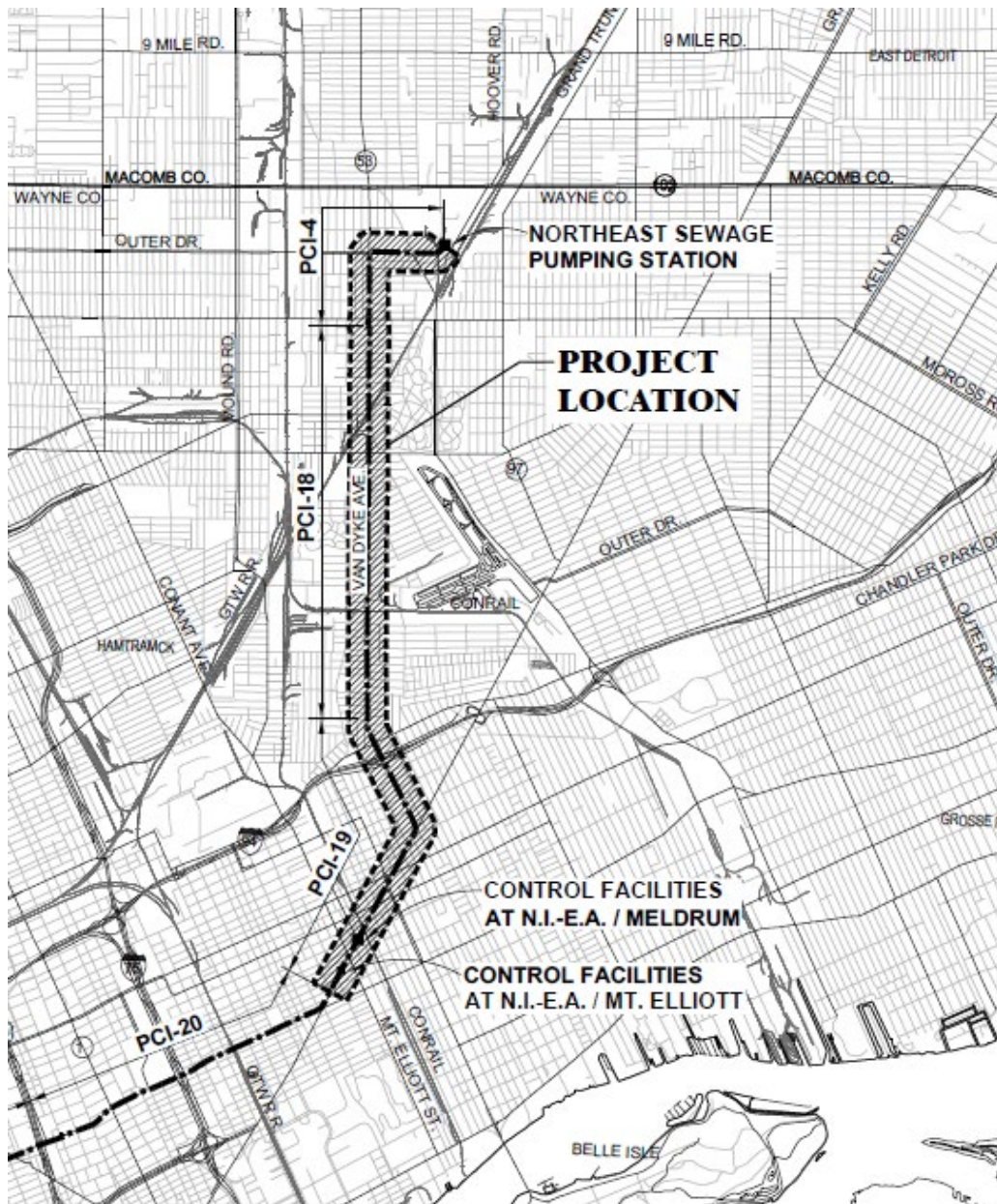
The **draft** line item schedule and budget are summarized:

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Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Lining Study Evaluations & Draft Report			6/15/2019
2	Lining Study Final Report			10/30/2019
	Subtotal - Study	\$126,744		
3	Field Investigations (MASW, SUE, Survey, Geotech, Env. Inv)			10/30/19
4	Basis of Design Draft			9/30/2019
5	50% Design Package			8/30/2019
6	90%, 100% Design Package			3/20/2020 and 4/28/2020
7	MDEQ Submittal (Part 41)			4/28/2020*
8	Issued for Bid			6/10/2020*
9	Bid Opening			9/30/2020*
10	Contract Award and NTP			11/20/2020 and 12/08/2020*
	Subtotal - Design	\$2,400,570		
11	Final Completion of Construction – PCI-4 Rehab	\$3,500,000	\$35,000,000	07/23/2022*

*These tentative dates are for PCI-4 Rehabilitation Project; PCI-18/19 Rehabilitation is TBD.

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NI-EA OMID Contracts 1 & 2 Project Location

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NESPS Electrical and Mechanical Rehab

Budget Status: \$1,217,795 out of current design budget of \$1,382,430; Total design and construction budget currently established as \$39,300,000 (including contingencies and admin/legal).

Schedule Status: Engineering/Design efforts underway; approximately 95% complete; procurement packages being developed and bid.

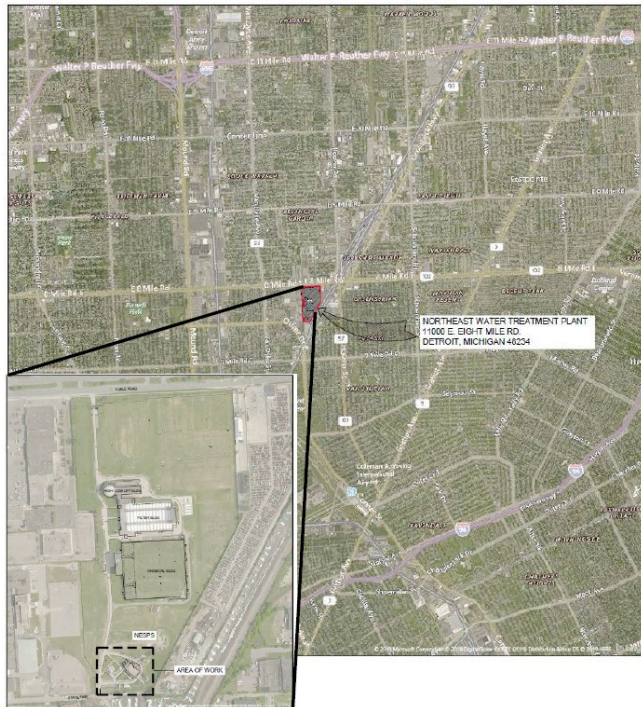
The following work is active:

- Design and CMAR Team continues to review equipment with suppliers.
- Design and CMAR Team implementing the major equipment packages developed for pre-procurement: Pump and Motor, Major Electrical (Switchgear), and Knife Gate Valve. Contracts are proceeding.
- Site Plan and Foundation Design Bids were received, and Subcontractor was selected. Work includes site concrete for electrical work, building foundation, and underground plumbing. Work continues to obtain the City of Detroit permit. Changes to the stormwater system are required. The Design Team is moving forward with changes to meet the DWSD Stormwater Standards.
- A review of alternative energy saving methods and pump sequence remains ongoing.
- Drawing and Specifications for 100% design were made available for Team and CMAR review on August 8th. The CMAR and OMID staff produced Bid packages for the remaining work. Bids for the final packages will be due mid-September.
- The Design team and Walsh are working together to develop a sequence of construction, schedule, and design package arrangement. The schedule will be driven from this sequence being developed.
- Construction Phase services (RFI's, Submittals) are commencing.
- Received Part 41 permit from EGLE on the acceptance and procurement for the Pumping Units proposed for the NESPS rehabilitation. The permit for installation was submitted at the end of August.
- Conducted further site visits to inspect the existing conditions of the equipment to assess replacement needs.
- Walsh team working on an updated construction schedule. Preliminary site work for Contractor laydown areas is in progress by Walsh crews.
- Walsh prepared a Construction Trailer and work area. The site was prepared with on-site fill for trailers and the main trailer sections were delivered to the site. Temporary utilities and power are in process of installation.

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

Work Item/ Milestone		Estimated Budget	Estimated Budget	Estimated Delivery Date
1	Draft Basis of Design			5/3/2019
2	Final Basis of Design			5/31/2019
3	30% Design			8/27/2019
	CMAR RFP			10/16/2019
4	60% Design			12/19/2019
	CMAR Recommendation			11/20/2019
5a	90% Equipment Package			6/15/2020
	Suction Gate Rehab			5/15/2020
	Site Plan/Foundation			5/15/2020 (est)
	Pumping Units			5/20/2020
	Major Electrical			5/20/2020
7	MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8	90% Design Submittal			6/30/20
8	Final Package Development			8/14/2020
	Subtotal - Design	\$1,519,275 (including		
10	Substantial Completion	\$2,500,000 (est.)	\$32,000,000 (est.)	3/1/2022
11	Final Completion	\$500,000 (est.)	\$5,000,000 (est.)	12/1/2022



NESPS Refurbishment Project Location

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CS-9 Gate Installation

Budget Status:

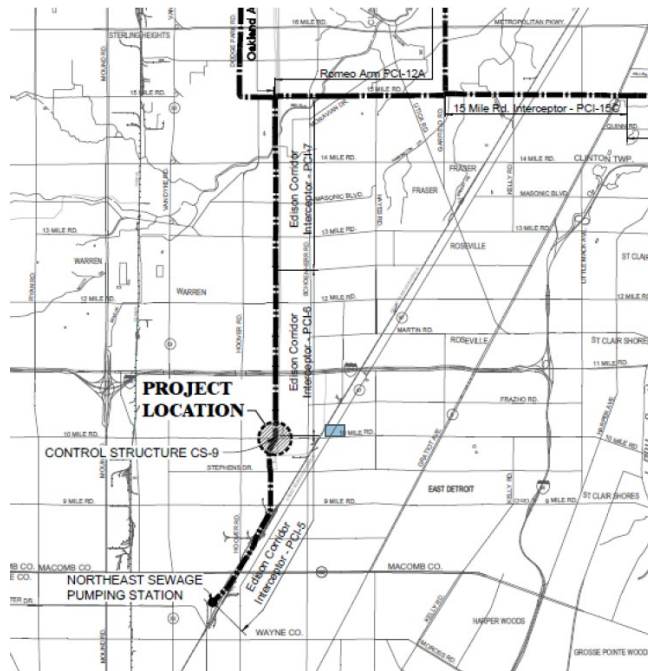
Total design and construction budget currently established as \$1.7M (including contingencies and admin/legal).

Schedule Status:

Engineering/Design efforts complete; CMR bidding in packages.

The design team is complete with 100% design package for Walsh. With this effort, the following work is active:

- Bids have been received from two contractors for the procurement of gate and actuator packages. Hydrogate has been selected as the gate manufacturer.
- Remaining bid packages have been sent out with bids due on 9/17/2020.



CS-9 Gate Installation Project Location

Other

- Met with EGLE to discuss continued use of existing and future gates for long term flow control and management in the OMID and NIEA systems. EGLE has no objections; OMID Team drafted a letter to formalize arrangement. Awaiting response from EGLE.

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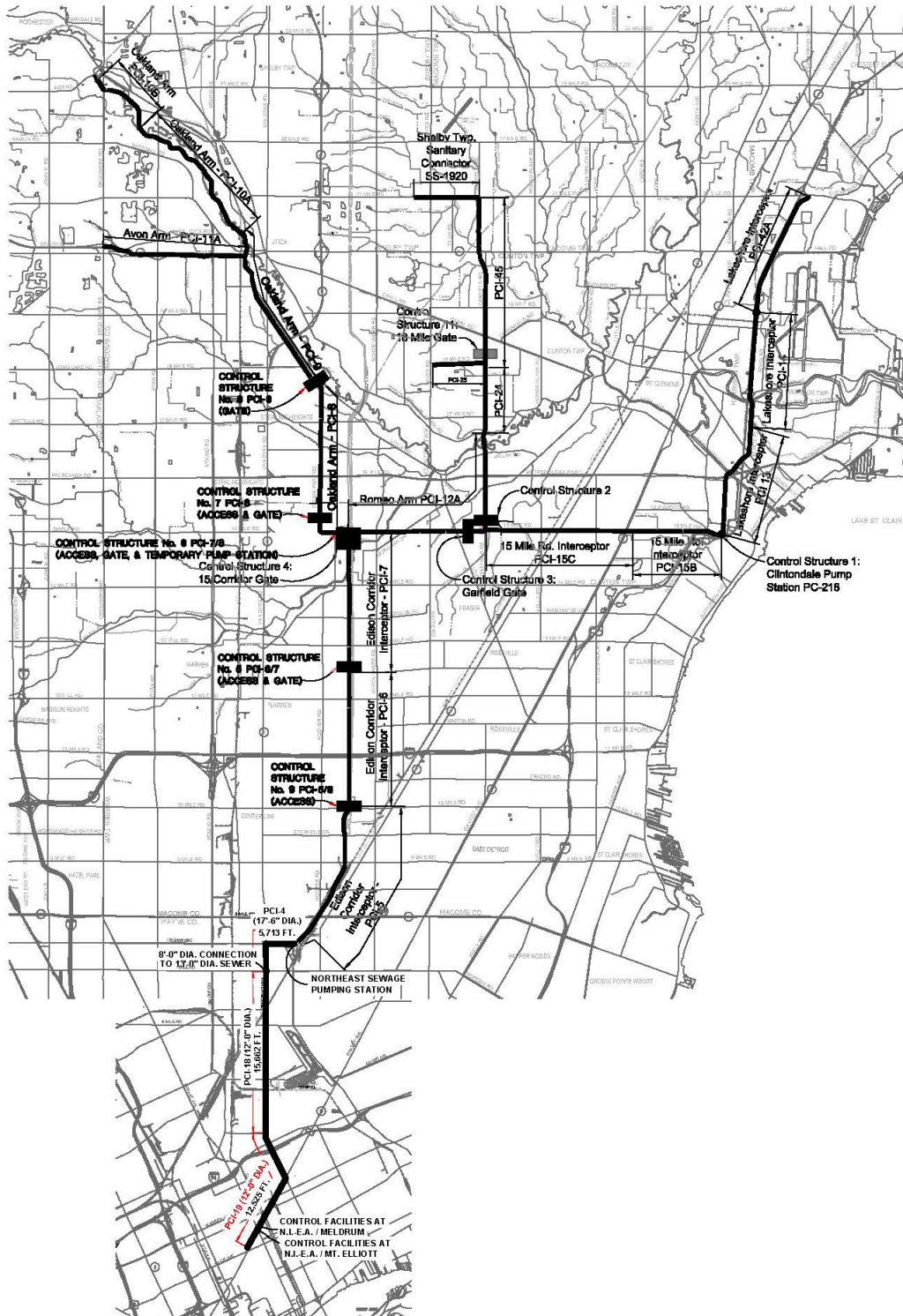
Summary of OMID Design and Construction Status:

Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Built 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 (Gatehouse)	IWPC (Weiss)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	N*	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	N	N	N	N	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/N/N	N	N	N	N/A
N/A	OMID Maintenance Repairs	Doetsch	N	N	N	N	N/A

* In review, pending Coating Issues Resolution and Change Order and Memo of Understanding approvals

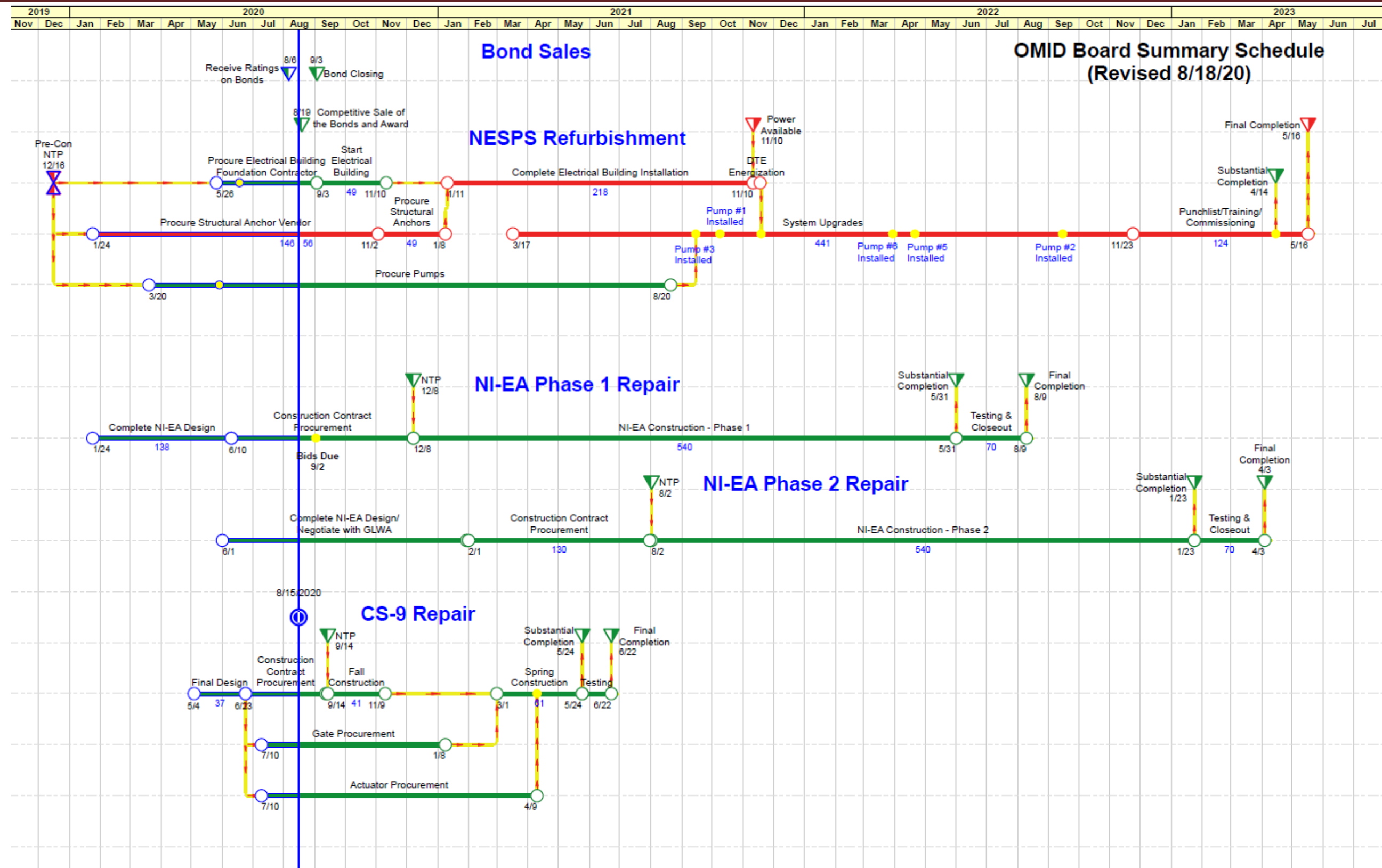
Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study ~95% Complete
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
CS-9 Gate Modifications	NTH; Walsh as CMR	Design Complete; Pursuing Bids in Packages
NIEA-OMIDDD Contract 1 (PCI-4)	NTH	Design Complete; Receiving Bids 9/30/20
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design ~80% Complete; pursuing cost sharing w/ GLWA
NESPS Redesign	ASI; Walsh as CMR	Design Complete; Pursuing Bids in Packages
Emergency Pumping Plan	ASI	Design Complete; Pursuing Bids in Packages

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

September 16, 2020 OMIDDD Board Meeting



JetPoint® 5.3. Release 5.3.0.36. Build 8104. (Mar 13 2018 12:54:43) Schedule Unit: Days Criticality Factor: Total Float (Days: 1/5)

OMID Project Schedule Summary

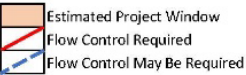
September 16, 2020 OMIDDD Board Meeting

Project	Work Location	Owner	Lead Engineer	Contractor	2020					2021												2022												2023	MID/OMID Control Devices Required to Store Flow										Concurrent Work Notes					
					J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8		CS-9	CS-12	CPS		
MID Grouting (Preliminary schedule has GI and LSI work beginning when OMID grouting has moved upstream of CS-6)	Romeo Arm Interceptor (RAI)	MID	FKE	Doetsch	/																																											OMID grouting work can be done concurrently downstream of CS-6.		
	Garfield Interceptor (GI)	MID	AEW	Doetsch	/	/	/	/	/	/																																					If other work requires CS-3 closure, then GI grouting will be scheduled when CS-3 is not in storage. This crew will move to LSI grouting. Schedule is TBD based on grout takes.			
	Lakeshore Interceptor (LSI)	MID	AEW	Doetsch	/	/	/	/	/	/																																					If other work requires CS-3 closure, then LSI work will be concurrent. CPS can not be used for storage. Schedule duration is TBD based on grout takes.			
OMID Maintenance/Spot Repairs (Preliminary schedule has crews beginning downstream and working upstream. 1 through 5).	1. Downstream of CS-5	OMID	NTH	Doetsch	/	/																																											Can be accomplished when RAI grouting is complete. Flow control required for some activities, not all.	
	2. Downstream of CS-6	OMID	NTH	Doetsch	/	/																																											Can work concurrently with LSI grouting. Flow control required for some activities, not all.	
	3. Downstream of CS-7	OMID	NTH	Doetsch	/	/																																											Can work concurrently RAI, LSI, or GI grouting. Would require CS-6 closure and CS-6 PS operation to keep water levels low if CS-3 remains open. Flow control required for some activities, not all.	
	4. Downstream of CS-8	OMID	NTH	Doetsch	/	/																																											Can work concurrently RAI, LSI, or GI grouting. Flow control required for some activities, not all.	
	5. Upstream of CS-8	OMID	NTH	Doetsch	/	/																																											Can work concurrently RAI, LSI, or GI grouting. Will have to coordinate with PSPS, ELPS, and WRC meters 1222/1223 for alerting. Flow control required for some activities, not all.	
MID Drop Shaft Rehab	UT-S-1, ST-S-4, ST-S-5	MID	AEW	IWPC																																														May require brief MID/OMID flow control. Local community bypass required into MID/OMID interceptor.
MID Drop Shaft Rehab	MA-S-2, CT-S-2, HR-S-2	MID	NTH	IWPC																																														May require brief MID/OMID flow control. Local community bypass required into MID/OMID interceptor.
OMID Gate Structure Improvements	OMID CS Gates (CS-5, CS-6, CS-7, CS-8)	OMID	ASI/FKE	CSM																																														May require brief flow control. Work to be done to improve access to gate structures. Followed up with physical gate improvement.
CS-9 Gate Installation	CS-9	OMID	NTH	TBD																																														May require brief flow control for installation. Will require flow control for operations testing and verification.
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	Fishbeck	TBD																																														Work may require brief flow control to inspect certain reaches. Work will be coordinated around active construction.
Segment 5 Lining*	15 Mile between ITC Corridor & Eberlein	MID	FKE	TBD		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	If work is concurrent with NIEA rehabilitation; CS-9 is required. Flow control dates may change depending on sediment removal means and methods.		
NIEA Rehabilitation (Downstream of NESPS)	PCI-4 Shaft & Lining	OMID	NTH	TBD											/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	If work is concurrent with Segments 5 & 6 Lining; CS-9 is required.			
	PCI-18/19 Spot Repairs, Lining, and Flow Controls	OMID	NTH	TBD																																												Shaft construction. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status.		
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	TBD																																														Will require brief flow control for pump installation, gate installation, and electrical work.
Segment 6 Lining	15 Mile upstream of Garfield & between CS-2/CS-3	MID	FKE	TBD											/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	May work concurrent with segment 5 or NIEA rehab. Flow control conditions at the CS gates is similar with the exception of utilizing CS-2. Schedule is preliminary.		
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a	/																																												Scheduled shut down of PSPS; no flow diversion to Pontiac WWTP (CRWRRF). Will significantly impact storage capabilities on the Oakland Arm CS gates.	

Table updated on 5/6/2020. Estimates to be updated as necessary.

* Flow control from 8/20 through 6/21 will be required for sewer cleaning. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section
* Flow control from 7/21 through 12/21 is shown for sewer lining. Flow control CS requirements are defined in the "Control Devices Required to Store Flow" section.
PSPS and ELPS operations can significantly impact storage times upstream of CS-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



Summary of OMID Flow Control Requirements for Ongoing and Future Projects

Agenda Item No. 11

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

YTD Trial Balance

Fund: 84914 Oakland Macomb InterceptorSeg3

As of Fiscal Period: Month 12, 2020

Run By: WRC_REPORTING

Run: 09/08/2020 at 11:05 AM

Scope: 84914 Oakland Macomb InterceptorSeg3

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg3 100000001557	YTD Balance
100100	Cash - Operating	22,679.26	22,679.26	22,679.26
104100	Accrued Interest on Investment	(356.63)	(356.63)	(356.63)
143100	Prepaid Expenses	891.00	891.00	891.00
211100	Due to Primary Government	(25.79)	(25.79)	(25.79)
	Revenues	(459.30)	(459.30)	(459.30)
	Expenditures	3,420.12	3,420.12	3,420.12
	Special Items- Uses	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(26,148.66)	(26,148.66)	(26,148.66)
		0.00	0.00	0.00

Cash as of 09/08/2020 \$ 22,679.26

Invoices / Reimbursements on Current Cash Balance 0.00

Total Net Cash Balance \$ 22,679.26

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg3

10000001557

(as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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ADM - Administration

730772 - Freight and Express	0.00	237.38	
730926 - Indirect Costs	0.00	87,973.15	
730940 - Insurance	0.00	374,816.24	
731521 - Public Services	0.00	72,238.27	
732018 - Travel and Conference	0.00	160.44	
771638 - Drain Equip Labor	0.00	216,953.03	
771639 - Drain Equipment	0.00	19,268.57	

Administration TOTALS

460,138.00	0.00	771,647.08	(\$311,509.08)
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CONT - Contingency

Contingency TOTALS

4,581,277.00	0.00	0.00	\$4,581,277.00
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ENG - Engineering

702000 - Salaries	0.00	37.74	
722000 - Fringe Benefits	0.00	-25.90	
730772 - Freight and Express	0.00	85.13	
731346 - Personal Mileage	0.00	528.54	
731521 - Public Services	0.00	41,759.18	
732018 - Travel and Conference	0.00	5,546.06	
750140 - Employee Footwear	0.00	75.00	
771638 - Drain Equip Labor	0.00	619,287.86	
771639 - Drain Equipment	0.00	62,383.73	

Engineering TOTALS

1,063,145.00	0.00	729,677.34	\$333,467.66
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	12,856,549.06	
730940 - Insurance	0.00	2,435.63	
731458 - Professional Services	0.00	62,241.27	

Engineering Consultant TOTALS

12,471,892.00	0.00	12,921,225.96	(\$449,333.96)
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FAC - Facility Acquisition

731472 - Project Construction and Impr	0.00	50,234,735.34	
731521 - Public Services	0.00	2,240.68	

Facility Acquisition TOTALS

45,738,545.00	0.00	50,236,976.02	(\$4,498,431.02)
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FRINGE_BENEFITS - Fringe Benefits

722000 - Fringe Benefits	0.00	25.90	
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Fringe Benefits TOTALS

0.00	0.00	25.90	(\$25.90)
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INS - Inspection

731521 - Public Services	0.00	37,329.11	
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Inspection TOTALS

330,221.00	0.00	37,329.11	\$292,891.89
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LEGAL - Legal and Financial

Water Resources Commissioner
PROJECT WORK IN PROGRESS
Oakland Macomb InterceptorSeg3
100000001557
 (as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
730639 - Engineering Services-Other	0.00	209,748.13	
730772 - Freight and Express	0.00	127.71	
730940 - Insurance	0.00	2,894,717.09	
731073 - Legal Services	0.00	449,564.79	
731451 - Prof Svc-Financial Consultant	0.00	62,305.00	
Legal and Financial TOTALS			
3,737,066.00	0.00	3,616,462.72	\$120,603.28

ROW - Right of Way

731038 - Land and Easement	0.00	226,383.45	
731661 - RW Negotiation and Expense	0.00	1,750.00	
Right of Way TOTALS			
11,440.00	0.00	228,133.45	(\$216,693.45)

Project 100000001557 - Oakland Macomb InterceptorSeg3			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$68,393,724.00	\$0.00	\$68,541,477.58	(\$147,753.58)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,253,724.00	
631827-Reimb General	\$0.00	\$43,882.94	
655077-Accrued Interest Adjustments	\$7.00	(\$356.63)	
655385-Income from Investments	\$14.46	\$127,415.11	
697753-State Revolving Fund Loans	\$0.00	\$65,140,000.00	
TOTAL REVENUE	\$21.46	\$68,564,665.42	
REVENUE OVER/(UNDER) EXPENSES		\$23,187.84	

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg4 100000001913	NESPS Pump Install Seg4 100000002041	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion Stdy Seg4 100000002708	YTD Balance All Grants
100100	Cash - Operating	689,643.48	378,667.55	7,978.67	32,803.05	270,194.21	689,643.48
104100	Accrued Interest on Investment	42,839.33	42,839.33	0.00	0.00	0.00	42,839.33
211100	Due to Primary Government	(18,184.39)	(12,400.01)	0.00	0.00	(5,784.38)	(18,184.39)
	Revenues	(74,819.04)	2,648,158.68	0.00	0.00	(2,722,977.72)	(74,819.04)
697551	Issuance of Bonds	0.00	3,009,606.95	0.00	0.00	(3,009,606.95)	0.00
	Expenditures	4,784,885.51	57,474.82	0.00	48,209.79	4,679,200.90	4,784,885.51
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(5,424,364.89)	(6,124,347.32)	(7,978.67)	(81,012.84)	788,973.94	(5,424,364.89)
		0.00	(0.00)	0.00	0.00	0.00	0.00

SRF (SAW Loan) final draw request received January 2017.

Cash as of 09/08/2020	\$	689,643.48
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		(72,992.80)
Total Net Cash Balance	\$	<u>616,650.68</u>

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg4

100000001913

(as of September 8, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
ADM - Administration				
730926 - Indirect Costs		0.00	59,001.44	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
Administration TOTALS				
	390,165.00	0.00	466,014.99	(\$75,849.99)
ENG - Engineering				
731346 - Personal Mileage		0.00	13,266.27	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		0.00	750,197.86	
771639 - Drain Equipment		0.00	82,464.04	
Engineering TOTALS				
	484,153.00	0.00	886,533.17	(\$402,380.17)
ENGCON - Engineering Consultant				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
Engineering Consultant TOTALS				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
FAC - Facility Acquisition				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
Facility Acquisition TOTALS				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
INS - Inspection				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
Inspection TOTALS				
	17,408.00	0.00	17,408.94	(\$0.94)
LEGAL - Legal and Financial				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
Legal and Financial TOTALS				
	191,321.00	0.00	194,642.75	(\$3,321.75)
ROW - Right of Way				
731563 - Recording Fees		0.00	50.67	
Right of Way TOTALS				
	0.00	0.00	50.67	(\$50.67)

Water Resources Commissioner
PROJECT WORK IN PROGRESS
Oakland Macomb InterceptorSeg4
100000001913
 (as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
Project 100000001913 - Oakland Macomb InterceptorSeg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$19,583,909.00	\$0.00	\$19,224,341.64	\$359,567.36
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$8,477,751.68	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	\$218.22	\$42,839.33	
655385-Income from Investments	\$456.65	\$648,867.08	
697551-Issuance of Bonds	\$0.00	\$868,639.65	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
TOTAL REVENUE	\$674.87	\$19,633,448.51	
REVENUE OVER/(UNDER) EXPENSES		\$409,106.87	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Pump Install Seg4

100000002041

(as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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ADM - Administration

730926 - Indirect Costs	0.00	535.47	
Administration TOTALS			
5,000.00	0.00	535.47	\$4,464.53

ENG - Engineering

771638 - Drain Equip Labor	0.00	9,128.98	
771639 - Drain Equipment	0.00	387.33	
Engineering TOTALS			
15,000.00	0.00	9,516.31	\$5,483.69

ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	181,969.55	
Engineering Consultant TOTALS			
200,000.00	0.00	181,969.55	\$18,030.45

FAC - Facility Acquisition

Facility Acquisition TOTALS			
3,268,155.00	0.00	0.00	\$3,268,155.00

Project 100000002041 - NESPS Pump Install Seg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$3,488,155.00	\$0.00	\$192,021.33	\$3,296,133.67
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$200,000.00	
TOTAL REVENUE	\$0.00	\$200,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$7,978.67	

Water Resources Commissioner
PROJECT WORK IN PROGRESS
OMI NESPS GATEHOUSE SEG4
100000002232
(as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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ADM - Administration

730926 - Indirect Costs	0.00	852.60	
771638 - Drain Equip Labor	0.00	53.43	

Administration TOTALS

9,472.00	0.00	906.03	\$8,565.97
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CONT - Contingency
Contingency TOTALS

93,209.00	0.00	0.00	\$93,209.00
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ENG - Engineering

771638 - Drain Equip Labor	0.00	11,847.23	
771639 - Drain Equipment	0.00	524.20	

Engineering TOTALS

59,699.00	0.00	12,371.43	\$47,327.57
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	1,244,860.99	
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Engineering Consultant TOTALS

496,981.00	0.00	1,244,860.99	(\$747,879.99)
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FAC - Facility Acquisition

731472 - Project Construction and Impr	0.00	3,456,264.64	
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Facility Acquisition TOTALS

3,748,637.00	0.00	3,456,264.64	\$292,372.36
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INS - Inspection

771638 - Drain Equip Labor	0.00	1,277.93	
771639 - Drain Equipment	0.00	59.93	

Inspection TOTALS

5,000.00	0.00	1,337.86	\$3,662.14
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LEGAL - Legal and Financial

731073 - Legal Services	0.00	1,456.00	
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Legal and Financial TOTALS

6,000.00	0.00	1,456.00	\$4,544.00
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Project 100000002232 - OMI NESPS GATEHOUSE SEG4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	\$0.00	\$4,717,196.95	(\$298,198.95)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,434,988.28	
697551-Issuance of Bonds	\$0.00	\$2,315,011.72	
TOTAL REVENUE	\$0.00	\$4,750,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$32,803.05	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Odor Corrosion Stdy Seg4

10000002708

(as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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ADM - Administration

730926 - Indirect Costs	0.00	5,784.38	
Administration TOTALS			
188,148.00	0.00	5,784.38	\$182,363.62

CONT - Contingency

Contingency TOTALS			
637,000.00	0.00	0.00	\$637,000.00

ENG - Engineering

771638 - Drain Equip Labor	0.00	105,697.43	
771639 - Drain Equipment	0.00	3,958.80	
Engineering TOTALS			
206,253.00	0.00	109,656.23	\$96,596.77

ENGCON - Engineering Consultant

730373 - Contracted Services	0.00	486,018.56	
730639 - Engineering Services-Other	0.00	59,195.44	
Engineering Consultant TOTALS			
1,073,000.00	0.00	545,214.00	\$527,786.00

FAC - Facility Acquisition

730352 - Construction	0.00	571,066.40	
731472 - Project Construction and Impr	0.00	3,908,480.69	
Facility Acquisition TOTALS			
4,600,000.00	0.00	4,479,547.09	\$120,452.91

INS - Inspection

771638 - Drain Equip Labor	0.00	176,398.45	
771639 - Drain Equipment	0.00	27,301.67	
Inspection TOTALS			
190,343.00	0.00	203,700.12	(\$13,357.12)

LEGAL - Legal and Financial

Legal and Financial TOTALS			
15,000.00	0.00	0.00	\$15,000.00

ROW - Right of Way

Right of Way TOTALS			
46,000.00	0.00	0.00	\$46,000.00

STD - Standard Operation

730352 - Construction	0.00	198,018.10	
730373 - Contracted Services	0.00	600,395.51	
730926 - Indirect Costs	0.00	1,864.90	
730940 - Insurance	0.00	184,130.93	
731073 - Legal Services	0.00	1,744.00	
731472 - Project Construction and Impr	0.00	51,390.00	
731906 - Testing Services	0.00	31,382.05	
771638 - Drain Equip Labor	0.00	4,184.02	
771639 - Drain Equipment	0.00	2,163.51	
Standard Operation TOTALS			
38,010.00	0.00	1,075,273.02	(\$1,037,263.02)

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Odor Corrosion Stdy Seg4

100000002708

(as of September 8, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
SUR - Survey Crew				
Survey Crew TOTALS				
	10,246.00	0.00	0.00	\$10,246.00

Project 100000002708 - NESPS Odor Corrosion Stdy Seg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	\$0.00	\$6,419,174.84	\$584,825.16
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,127,236.04	
697551-Issuance of Bonds	\$0.00	\$3,556,348.63	
TOTAL REVENUE	\$0.00	\$6,683,584.67	
REVENUE OVER/(UNDER) EXPENSES		\$264,409.83	

YTD Trial Balance
Fund: 84917 Oakland Macomb InterceptorSeg5
As of Fiscal Period: Month 12, 2020

Run By: 32808
Run: 09/09/2020 at 10:59 AM
Scope: 84917 Oakland Macomb InterceptorSeg5

ACCOUNT		YTD Balance Total Fund	No Project	Oakland Macomb InterceptorSeg5 100000003252	YTD Balance
100100	Cash - Operating	83,369,855.61	63,151,031.87	20,218,823.74	83,369,855.61
104100	Accrued Interest on Investment	262.18	0.00	262.18	262.18
	Revenues	(18,997,328.04)	(542.12)	(18,996,785.92)	(18,997,328.04)
697551	Issuance of Bonds	(64,372,789.75)	(63,150,489.75)	(1,222,300.00)	(64,372,789.75)
	Expenditures	0.00	0.00	0.00	0.00
	Special Items- Uses	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00

Cash as of 09/08/2020 \$ 83,369,855.61

Invoices / Reimbursements on Current Cash Balance (110,360.79)

Total Net Cash Balance \$ 83,259,494.82

Water Resources Commissioner
PROJECT WORK IN PROGRESS
OMID Segment 5
100000003252
 (as of September 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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Project 100000003252 - OMID Segment 5			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$0.00	\$0.00	\$0.00	\$0.00
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$18,996,523.74	\$18,996,523.74	
655077-Accrued Interest Adjustments	\$262.18	\$262.18	
697551-Issuance of Bonds	\$0.00	\$1,222,300.00	
TOTAL REVENUE	\$18,996,785.92	\$20,219,085.92	
REVENUE OVER/(UNDER) EXPENSES		\$20,219,085.92	

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: August 31, 2020

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,317,439.89	83,333.34	3,269,887.77	35,576,711.13		42,247,372.13
84914	OMIDD Seg 3						
	- Project 1-1557 Interceptor Seg 3					23,187.84	23,187.84
84915	OMIDD Seg 4						
	- Project 1-1913 Interceptor Seg 4					409,106.87	409,106.87
	- Project 1-2041 NESPS Pump Install					7,978.67	7,978.67
	- Project 1-2232 NESPS Gatehouse					32,803.05	32,803.05
	- Project 1-2708 NESPS Odor Corrosion Study					264,409.83	264,409.83
Total Equity in Maintenance and Construction Funds							<u>42,984,858.39</u>

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

Run by: 32808
Run: 09/08/2020 at 02:53 PM
Scope: 82912 Oakland Macomb InterceptorCh21
Fiscal Period: Month 11 2020

Oakland County - Water Resources Commissioner's Office
Statement of Net Assets
As of Date: Aug 31, 2020
Fund: 82912 Oakland Macomb InterceptorCh21

	MAJOR MAINTENANCE RESERVE	EMERGENCY MAINTENANCE RESERVE	CAPITAL IMPROVEMENT RESERVE	UNDESIGNATED RETAINED EARNINGS	TOTAL
Total Net Assets Beginning	2,848,992.42	0.00	2,413,875.04	7,646,035.50	12,908,902.96
Increases	616,666.66	83,333.34	5,909,282.47	99,721,421.10	106,330,703.57
Decreases	148,219.19	0.00	5,053,269.74	71,790,745.47	76,992,234.40
Adjustments	0.00	0.00	0.00	0.00	0.00
Total Net Assets Ending	3,317,439.89	83,333.34	3,269,887.77	35,576,711.13	42,247,372.13
Net Assets Invested in Capital as of 08/31/2020				0.00	0.00
Current year adjustments				0.00	0.00
ESTIMATED Undesignated Retained Earnings				35,576,711.13	42,247,372.13

Not for Publishing - Data Only

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMI DD Meeting Date 09/16/2020

		84914	84915	84915	84915	84915	84915	84917	82912	
		1-1557	1-1913	1-2041	1-2232	1-2232	1-2708			
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 3</u>	<u>Segment 4</u>	<u>Segment 4 - NESPS Pump Install</u>	<u>Segment 4 - NESPS Gate House</u>	<u>Segment 4 - NIEA East Arm</u>	<u>Segment 4 - NESPS Odor Corrosion Study</u>	<u>Segment 5 - OMIDD Improvements</u>	<u>Oppertions & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor		371.15				8,268.21			\$8,639.36
Oakland County *	WRC Equipment		35.62				1,610.44			\$1,646.06
Applied Scienceec Inc.	Invoice #19 (ASI Inv. #7660) Work Through 08/29/2020								74,049.11	\$74,049.11
CH2M - LG Design, Inc	Invoice # 705773CH017 Services Through 6/26/20						36,416.97			\$36,416.97
CH2M - LG Design, Inc	Invoice # 705773CH019 Services Through 8/21/20						36,575.83			\$36,575.83
CH2M - Jacobs	Invoice # 697317CH022 Services 5/23/20 - 6/26/20 Odor/Corr Study								22,988.97	\$22,988.97
CH2M - Jacobs	Invoice # 697317CH023 Services 6/27/20 - 7/24/20 Odor/Corr Study								6,484.91	\$6,484.91
CH2M - Jacobs	Invoice # 697317CH024 Services 7/25/20 - 8/21/20 Odor/Corr Study								11,920.40	\$11,920.40
Clark Hill PLC	Invoice # 1005348 Matter 316432 Through7/31/20								2,727.00	\$2,727.00
Detroit Elevator	Invoice #187534 NESPS Elevato Service 06/05/20								581.65	\$581.65
Dickinson Wright PLLC	Invoice # 1503601 Matter 012840-00424 Service through 7/31/20								1,750.00	\$1,750.00
Kennedy Industries	Invoice # 620199 - NESPS Field Service Invoice Date 8/26/20								1,133.00	\$1,133.00
Konecranes	Invoice # 154356248 Service Date 08/31/20								11,784.01	\$11,784.01
METCO	Invoice # 1811-20 Through 8/30/20								73,117.30	\$73,117.30
Motor City Electric Technologies	Invoice # 93209 NESPS SCADA Cutover performed 07/29/20								237.50	\$237.50
Motor City Electric Technologies	Invoice # 93210 NESPS SCADA Cutover performed 07/25/20								107.00	\$107.00
Motor City Electric Technologies	Invoice # 93211 NESPS SCADA Cutover performed 08/06/20								115.50	\$115.50
Motor City Electric Technologies	Invoice # 93212 NESPS SCADA Cutover performed 08/11/20								154.00	\$154.00
Motor City Electric Technologies	Invoice # 93213 NESPS SCADA Cutover performed 08/24/20								320.83	\$320.83
Moody's Investor Service	Invoice # P0348300 Professional Services 2020A Bond Issue							34,500.00		\$34,500.00
Municipal Financial Consultants	Invoice # 1097 Professional Services 2020A Bond Issue							75,860.79		\$75,860.79
NTH Consultants	Inv # 01 NESPS Pumping & Electrical System Upgrade Service Through 08/28/20								3,521.65	\$3,521.65
NTH Consultants	Inv # 03 OMID NESPS Safety Manual & Crane Support Service Through 08/28/20								2,880.47	\$2,880.47
NTH Consultants	Inv # 05 OMID CS-9 Gate Design Service Through 08/28/20								4,743.87	\$4,743.87
NTH Consultants	Inv # 15 - OMIDD NI-EA Rehab Services Through 08/28/20								56,272.83	\$56,272.83
NTH Consultants	Inv # 19 - OMIDD System Immediate Repair Service Through 08/28/20								1,246.11	\$1,246.11
NTH Consultants	Inv # 52 - OMIDD NESPS Discharge Rehab Services Through 08/28/20								2,642.80	\$2,642.80
PMA Consultants	Invoice # 03559.01 - 3 Professional Services Through 08/31/20								5,666.53	\$5,666.53
PM Technologies	Invoice # 0000137944 Professional Services Dated 05/07/20								3,084.32	\$3,084.32
PM Technologies	Invoice # 0000140204 Professional Services Dated 07/08/20								501.25	\$501.25
Premier Safety	Invoice # 04176358 (3) Shock Absorbing Lanyard Order Date 04/02/20								222.00	\$222.00
WalshConstruction Company	Invoice # 220008 Pre-Con 7 Through 08/31/20								121,528.16	\$121,528.16
Total Invoices/Reimbursements for Approval		\$0.00	\$406.77	\$0.00	\$0.00	\$0.00	\$82,871.45	\$110,360.79	\$409,781.17	\$603,420.18
	* Less WRC Charges already paid from OMI Fund	0.00	(406.77)		0.00	0.00	(9,878.65)		0.00	(10,285.42)
	** Less amount being paid from Retainage Account									0.00
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$72,992.80	\$110,360.79	\$409,781.17	\$593,134.76

Agenda Item No. 12

Invoices

OMI Segment 4 Project - WRC Equipment Charges for Trans Dates - 07/04/2020 - 08/14/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	07/17/2020	07/06/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/07/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/08/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/09/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/16/2020	POUSHO, ROBERT	2.00	\$4.68	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/06/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/07/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/08/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/16/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/17/2020	POUSHO, ROBERT	9.00	\$3.60	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/09/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/15/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/16/2020	POUSHO, ROBERT	2.00	\$0.80	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/17/2020	POUSHO, ROBERT	9.00	\$21.06	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/15/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/16/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/28/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/31/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/28/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/31/2020	07/31/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/03/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/03/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/10/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/11/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/10/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/11/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/31/2020	07/21/2020	POUSHO, ROBERT	6.00	\$2.40	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/21/2020	POUSHO, ROBERT	6.00	\$14.04	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/31/2020	07/22/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/22/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/13/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/14/2020	POUSHO, ROBERT	9.00	\$3.60	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/17/2020	07/14/2020	POUSHO, ROBERT	9.00	\$21.06	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/17/2020	07/13/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/04/2020	POUSHO, ROBERT	10.00	\$4.00	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/04/2020	POUSHO, ROBERT	10.00	\$23.40	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/07/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/06/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/07/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/06/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/31/2020	07/30/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/29/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/30/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/31/2020	07/29/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	07/31/2020	07/20/2020	POUSHO, ROBERT	6.00	\$2.40	ASSIGNED	Cell Phone	100000001913	ENG
834323	07/31/2020	07/20/2020	POUSHO, ROBERT	6.00	\$14.04	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/05/2020	POUSHO, ROBERT	11.00	\$4.40	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/05/2020	POUSHO, ROBERT	11.00	\$25.74	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/12/2020	08/12/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/12/2020	08/12/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
				Total	539.78				
OMI Segment 4 Project - WRC Equipment Charges for Trans Dates - 08/15/2020 - 08/28/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	08/27/2020	08/18/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/27/2020	08/18/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	08/27/2020	08/25/2020	POUSHO, ROBERT	5.00	\$2.00	ASSIGNED	Cell Phone	100000001913	ENG
834323	08/27/2020	08/25/2020	POUSHO, ROBERT	5.00	\$11.70	ASSIGNED	PC/Computer	100000001913	ENG
				Total	35.62				

OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/04/2020 - 08/14/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	07/31/2020	07/22/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/31/2020	07/29/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/31/2020	07/31/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/05/2020	POUSHO, ROBERT	11.00	\$314.05	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/10/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/06/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/13/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/16/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/17/2020	POUSHO, ROBERT	9.00	\$256.95	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/09/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/15/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/07/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/12/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/16/2020	POUSHO, ROBERT	2.00	\$57.10	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/08/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/14/2020	POUSHO, ROBERT	9.00	\$256.95	REGULAR	WRCCON	100000001913	ENG
834323	07/31/2020	07/21/2020	POUSHO, ROBERT	6.00	\$171.30	REGULAR	WRCCON	100000001913	ENG
834323	07/31/2020	07/30/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/04/2020	POUSHO, ROBERT	10.00	\$285.50	REGULAR	WRCCON	100000001913	ENG
834323	07/31/2020	07/20/2020	POUSHO, ROBERT	6.00	\$171.30	REGULAR	WRCCON	100000001913	ENG
834323	07/31/2020	07/28/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/03/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/06/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	08/12/2020	08/11/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	07/17/2020	07/07/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
				Total	\$5,624.35				
OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 08/15/2020 - 08/28/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	08/27/2020	08/25/2020	POUSHO, ROBERT	5.00	\$142.75	REGULAR	WRCCON	100000001913	ENG
834323	08/27/2020	08/18/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
				Total	\$371.15				

OMI Segment 4 Project - WRC Personal Mileage and Parking - Accounting Date Range 07/01/2020 - 07/31/2020

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU Amount
7/3/2020	84915	Oakland Macomb Interceptor Seg 4	100000001913	Oakland Macomb Interceptor Seg 4	ENG	Pousho 630 miles 7/10/20	\$ 362.25
7/17/2020	84915	Oakland Macomb Interceptor Seg 4	100000001913	Oakland Macomb Interceptor Seg 4	ENG	Pousho 810 miles 7/24/2020	\$ 465.75
7/31/2020	84915	Oakland Macomb Interceptor Seg 4	100000001913	Oakland Macomb Interceptor Seg 4	ENG	Pousho 668 miles 8/7/2020	\$ 384.10
							<u>\$ 1,212.10</u>

OMI Segment 4 Project - WRC Personal Mileage and Parking - Accounting Date Range 08/01/2020 - 08/31/2020

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU Amount
							<u>\$ -</u>

OMI Segment 4 NESPS Gatehouse Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/04/2020 - 08/14/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
525985	07/17/2020	07/16/2020	PARROTT, JEFFREY	3.00	\$228.54	REGULAR	WRCROW	100000002232	ENG
525985	07/17/2020	07/13/2020	PARROTT, JEFFREY	3.00	\$228.54	REGULAR	WRCROW	100000002232	ENG
525985	07/31/2020	07/22/2020	PARROTT, JEFFREY	2.00	\$152.36	REGULAR	WRCROW	100000002232	ENG
				Total	\$609.44				

OMI NESPS Gatehouse Project - WRC Equipment Charges for Trans Dates - 07/04/2020 - 08/14/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
525985	07/17/2020	07/16/2020	PARROTT, JEFFREY	3.00	\$1.20	ASSIGNED	Cell Phone	100000002232	ENG
525985	07/17/2020	07/16/2020	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002232	ENG
525985	07/17/2020	07/13/2020	PARROTT, JEFFREY	3.00	\$1.20	ASSIGNED	Cell Phone	100000002232	ENG
525985	07/17/2020	07/13/2020	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002232	ENG
525985	07/31/2020	07/22/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
525985	07/31/2020	07/22/2020	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002232	ENG
				Total	\$21.92				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									\$0.00

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/04/2020 - 08/14/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	07/05/2020	06/22/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	07/05/2020	06/23/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	07/05/2020	06/25/2020	BROWN, JOEL	1.50	\$155.87	REGULAR	WRCCON	100000002708	ENG
864521	07/05/2020	06/26/2020	BROWN, JOEL	5.00	\$519.55	REGULAR	WRCCON	100000002708	ENG
864521	07/05/2020	06/29/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	07/05/2020	07/02/2020	BROWN, JOEL	3.00	\$311.73	REGULAR	WRCCON	100000002708	ENG
864521	07/20/2020	07/13/2020	BROWN, JOEL	3.00	\$311.73	REGULAR	WRCCON	100000002708	ENG
864521	07/20/2020	07/14/2020	BROWN, JOEL	1.50	\$155.87	REGULAR	WRCCON	100000002708	ENG
864521	07/20/2020	07/16/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	07/20/2020	07/17/2020	BROWN, JOEL	1.50	\$155.87	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/20/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/21/2020	BROWN, JOEL	3.00	\$311.73	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/22/2020	BROWN, JOEL	1.50	\$155.87	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/23/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/24/2020	BROWN, JOEL	4.00	\$415.64	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/27/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/28/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	08/03/2020	07/30/2020	BROWN, JOEL	1.50	\$155.87	REGULAR	WRCCON	100000002708	ENG
			BROWN, JOEL Total		\$4,000.56				
951584	07/06/2020	07/06/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/07/2020	07/07/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/08/2020	07/08/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/09/2020	07/09/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/14/2020	07/13/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/14/2020	07/14/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/15/2020	07/15/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/16/2020	07/16/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/20/2020	07/20/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/22/2020	07/21/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/22/2020	07/22/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/23/2020	07/23/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/24/2020	07/24/2020	CODE, JEFFREY	1.00	\$77.54	OVERTIME	WRCCDM	100000002708	INS
951584	07/27/2020	07/27/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/28/2020	07/28/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/29/2020	07/29/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/30/2020	07/30/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	07/31/2020	07/31/2020	CODE, JEFFREY	1.00	\$77.54	OVERTIME	WRCCDM	100000002708	INS
951584	08/03/2020	08/03/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/04/2020	08/04/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/05/2020	08/05/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/06/2020	08/06/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/12/2020	08/12/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/13/2020	08/13/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
			CODE, JEFFREY Total		\$1,659.22				
934939	08/03/2020	07/30/2020	CUMMINGS, ROBERT	6.00	\$284.52	REGULAR	WRCSMU	100000002708	STD
			CUMMINGS, ROBERT Total		\$284.52				
934939	08/03/2020	07/30/2020	HUGHES, KYLE	6.00	\$207.48	REGULAR	WRCSMU	100000002708	STD
			HUGHES, KYLE Total		\$207.48				
951584	07/06/2020	07/06/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/07/2020	07/07/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/08/2020	07/08/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/09/2020	07/09/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/10/2020	07/10/2020	ROBERTS, PATRICK	5.50	\$352.94	OVERTIME	WRCCDM	100000002708	INS
951584	07/14/2020	07/13/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/14/2020	07/14/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
951584	07/14/2020	07/14/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/15/2020	07/15/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/17/2020	07/16/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/17/2020	07/17/2020	ROBERTS, PATRICK	8.00	\$513.36	OVERTIME	WRCCDM	100000002708	INS
951584	07/20/2020	07/20/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/21/2020	07/21/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/22/2020	07/22/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/23/2020	07/23/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
951584	07/23/2020	07/23/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/26/2020	07/24/2020	ROBERTS, PATRICK	10.50	\$673.79	OVERTIME	WRCCDM	100000002708	INS
951584	07/28/2020	07/27/2020	ROBERTS, PATRICK	6.00	\$339.48	REGULAR	WRCCDM	100000002708	INS
951584	07/28/2020	07/28/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/30/2020	07/29/2020	ROBERTS, PATRICK	0.50	\$32.09	OVERTIME	WRCCDM	100000002708	INS
951584	07/30/2020	07/29/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/31/2020	07/30/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	07/31/2020	07/31/2020	ROBERTS, PATRICK	13.00	\$834.21	OVERTIME	WRCCDM	100000002708	INS
951584	08/03/2020	08/03/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS

951584	08/04/2020	08/04/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/05/2020	08/05/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/06/2020	08/06/2020	ROBERTS, PATRICK	2.50	\$160.43	OVERTIME	WRCCDM	100000002708	INS
951584	08/06/2020	08/06/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/07/2020	08/07/2020	ROBERTS, PATRICK	11.00	\$705.87	OVERTIME	WRCCDM	100000002708	INS
951584	08/08/2020	08/08/2020	ROBERTS, PATRICK	9.00	\$577.53	OVERTIME	WRCCDM	100000002708	INS
951584	08/10/2020	08/10/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/12/2020	08/12/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/14/2020	08/14/2020	ROBERTS, PATRICK	14.00	\$898.38	OVERTIME	WRCCDM	100000002708	INS
			ROBERTS, PATRICK Total		\$18,422.34				
			Grand Total		\$24,574.12				
OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 08/15/2020 - 08/28/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
965981	08/27/2020	08/26/2020	BROWN, ARTHUR	4.00	\$180.16	REGULAR	WRCSMU	100000002708	STD
			BROWN, ARTHUR Total		\$180.16				
864521	08/17/2020	08/03/2020	BROWN, JOEL	1.50	\$155.87	REGULAR	WRCCON	100000002708	ENG
864521	08/17/2020	08/07/2020	BROWN, JOEL	4.00	\$415.64	REGULAR	WRCCON	100000002708	ENG
			BROWN, JOEL Total		\$571.51				
951584	08/17/2020	08/17/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/18/2020	08/18/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/19/2020	08/19/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/20/2020	08/20/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/24/2020	08/24/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/25/2020	08/25/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/26/2020	08/26/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
951584	08/27/2020	08/27/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
			CODE, JEFFREY Total		\$546.96				
965981	08/27/2020	08/26/2020	HEFNER, SETH	4.00	\$225.52	REGULAR	WRCSMU	100000002708	STD
			HEFNER, SETH Total		\$225.52				
934939	08/20/2020	08/18/2020	LUCAS, PAUL	7.50	\$388.80	REGULAR	WRCSMU	100000002708	STD
			LUCAS, PAUL Total		\$388.80				
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	2.00	\$128.34	OVERTIME	WRCCDM	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	3.50	\$224.60	OVERTIME	WRCCDM	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	2.50	\$160.43	OVERTIME	WRCCDM	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	2.00	\$128.34	OVERTIME	WRCCDM	100000002708	INS
951584	08/21/2020	08/21/2020	ROBERTS, PATRICK	9.50	\$609.62	OVERTIME	WRCCDM	100000002708	INS
951584	08/24/2020	08/24/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/25/2020	08/25/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/26/2020	08/26/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/27/2020	08/27/2020	ROBERTS, PATRICK	10.00	\$565.80	REGULAR	WRCCDM	100000002708	INS
951584	08/28/2020	08/28/2020	ROBERTS, PATRICK	9.00	\$577.53	OVERTIME	WRCCDM	100000002708	INS
			ROBERTS, PATRICK Total		\$6,355.26				
			Grand Total		\$8,268.21				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 07/04/2020 - 08/14/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	07/05/2020	06/22/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/05/2020	06/22/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/05/2020	06/23/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/05/2020	06/23/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/05/2020	06/25/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/05/2020	06/25/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/05/2020	06/26/2020	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/05/2020	06/26/2020	BROWN, JOEL	5.00	\$11.70	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/05/2020	06/29/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/05/2020	06/29/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/05/2020	07/02/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/05/2020	07/02/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/20/2020	07/13/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/20/2020	07/13/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/20/2020	07/14/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/20/2020	07/14/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/20/2020	07/16/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/20/2020	07/16/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	07/20/2020	07/17/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	07/20/2020	07/17/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/20/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/20/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/21/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/21/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/22/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/22/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/23/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/23/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/24/2020	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/24/2020	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/27/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/27/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/28/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/03/2020	07/28/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/30/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/03/2020	07/30/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
			BROWN, JOEL Total		\$105.49				
951584	07/06/2020	07/06/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/06/2020	07/06/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/06/2020	07/06/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/07/2020	07/07/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/07/2020	07/07/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/07/2020	07/07/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/08/2020	07/08/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/08/2020	07/08/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/08/2020	07/08/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/09/2020	07/09/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/09/2020	07/09/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/09/2020	07/09/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/14/2020	07/13/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/14/2020	07/13/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/14/2020	07/13/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/14/2020	07/14/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/14/2020	07/14/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/14/2020	07/14/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/15/2020	07/15/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/15/2020	07/15/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/15/2020	07/15/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/16/2020	07/16/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/16/2020	07/16/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/16/2020	07/16/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/20/2020	07/20/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/20/2020	07/20/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/20/2020	07/20/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/22/2020	07/21/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/22/2020	07/21/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/22/2020	07/21/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS

951584	07/22/2020	07/22/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/22/2020	07/22/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/22/2020	07/22/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/23/2020	07/23/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/23/2020	07/23/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/23/2020	07/23/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/24/2020	07/24/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/24/2020	07/24/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/24/2020	07/24/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/27/2020	07/27/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/27/2020	07/27/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/27/2020	07/27/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/28/2020	07/28/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/28/2020	07/28/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/28/2020	07/28/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/29/2020	07/29/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/29/2020	07/29/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/29/2020	07/29/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/30/2020	07/30/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/30/2020	07/30/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/30/2020	07/30/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/31/2020	07/31/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	07/31/2020	07/31/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	07/31/2020	07/31/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/03/2020	08/03/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/03/2020	08/03/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/03/2020	08/03/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/04/2020	08/04/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/04/2020	08/04/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/04/2020	08/04/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/05/2020	08/05/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/05/2020	08/05/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/05/2020	08/05/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/06/2020	08/06/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/06/2020	08/06/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/06/2020	08/06/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/12/2020	08/12/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/12/2020	08/12/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/12/2020	08/12/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/13/2020	08/13/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/13/2020	08/13/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/13/2020	08/13/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
			CODE, JEFFREY Total		\$202.32				
934939	08/03/2020	07/30/2020	CUMMINGS, ROBERT	6.00	\$14.04	ASSIGNED	PC/Computer	100000002708	STD
934939	08/03/2020	07/30/2020	CUMMINGS, ROBERT	6.00	\$2.40	ASSIGNED	Cell Phone	100000002708	STD
			CUMMINGS, ROBERT Total		\$16.44				
934939	08/03/2020	07/30/2020	HUGHES, KYLE	6.00	\$14.04	ASSIGNED	PC/Computer	100000002708	STD
			HUGHES, KYLE Total		\$14.04				
951584	07/06/2020	07/06/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	07/06/2020	07/06/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	07/06/2020	07/06/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/07/2020	07/07/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	07/07/2020	07/07/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	07/07/2020	07/07/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/08/2020	07/08/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	07/08/2020	07/08/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/08/2020	07/08/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	07/09/2020	07/09/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	07/09/2020	07/09/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	07/09/2020	07/09/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/10/2020	07/10/2020	ROBERTS, PATRICK	5.50	\$31.30	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/10/2020	07/10/2020	ROBERTS, PATRICK	5.50	\$2.20	ASSIGNED	Cell Phone	100000002708	INS
951584	07/10/2020	07/10/2020	ROBERTS, PATRICK	5.50	\$12.87	ASSIGNED	PC/Computer	100000002708	INS
951584	07/14/2020	07/13/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	07/14/2020	07/13/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/14/2020	07/13/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	07/14/2020	07/14/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	07/14/2020	07/14/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	07/14/2020	07/14/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	07/14/2020	07/14/2020	ROBERTS, PATRICK	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS

OMI Seg 4 NESPS Odor Corrosion Study Project - WRC labor-FB-NPF-EQP for 08-26-2020 meeting	Equipme
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951584	08/10/2020	08/10/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/11/2020	08/11/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/12/2020	08/12/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/12/2020	08/12/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/12/2020	08/12/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	INS
951584	08/13/2020	08/13/2020	ROBERTS, PATRICK	1.50	\$8.54	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/14/2020	08/14/2020	ROBERTS, PATRICK	14.00	\$79.66	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/14/2020	08/14/2020	ROBERTS, PATRICK	14.00	\$32.76	ASSIGNED	PC/Computer	100000002708	INS
951584	08/14/2020	08/14/2020	ROBERTS, PATRICK	14.00	\$5.60	ASSIGNED	Cell Phone	100000002708	INS
			ROBERTS, PATRICK Total		\$2,655.48				
934939	08/03/2020	07/30/2020	SMU Pick Up Truck, 3/4 Ton	6.00	\$34.14	UNASSIGNED		100000002708	STD
			SMU Pick Up Truck, 3/4 Ton - 17810 Total		\$34.14				
934939	08/03/2020	07/30/2020	SMU Vactor - 13902	6.00	\$355.80	UNASSIGNED		100000002708	STD
			SMU Vactor - 13902 Total		\$355.80				
			Grand Total		\$3,383.71				
OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 08/15/2020 - 08/28/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
965981	08/27/2020	08/26/2020	BROWN, ARTHUR	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	STD
			BROWN, ARTHUR Total		\$9.36				
864521	08/17/2020	08/03/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/17/2020	08/03/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	08/17/2020	08/07/2020	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	08/17/2020	08/07/2020	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	ENG
			BROWN, JOEL Total		\$15.07				
951584	08/17/2020	08/17/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/17/2020	08/17/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/17/2020	08/17/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/18/2020	08/18/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/18/2020	08/18/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/18/2020	08/18/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/19/2020	08/19/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/19/2020	08/19/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/19/2020	08/19/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/20/2020	08/20/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/20/2020	08/20/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/20/2020	08/20/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/24/2020	08/24/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/24/2020	08/24/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/24/2020	08/24/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/25/2020	08/25/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/25/2020	08/25/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/25/2020	08/25/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/26/2020	08/26/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/26/2020	08/26/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/26/2020	08/26/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	08/27/2020	08/27/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/27/2020	08/27/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/27/2020	08/27/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
			CODE, JEFFREY Total		\$67.44				
965981	08/27/2020	08/26/2020	HEFNER, SETH	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	STD
965981	08/27/2020	08/26/2020	HEFNER, SETH	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	STD
			HEFNER, SETH Total		\$10.96				
934939	08/20/2020	08/18/2020	LUCAS, PAUL	7.50	\$3.00	ASSIGNED	Cell Phone	100000002708	STD
934939	08/20/2020	08/18/2020	LUCAS, PAUL	7.50	\$17.55	ASSIGNED	PC/Computer	100000002708	STD
			LUCAS, PAUL Total		\$20.55				
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS

951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS
951584	08/17/2020	08/17/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	3.50	\$19.92	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	3.50	\$1.40	ASSIGNED	Cell Phone	100000002708	INS
951584	08/18/2020	08/18/2020	ROBERTS, PATRICK	3.50	\$8.19	ASSIGNED	PC/Computer	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	2.50	\$14.23	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	2.50	\$1.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/19/2020	08/19/2020	ROBERTS, PATRICK	2.50	\$5.85	ASSIGNED	PC/Computer	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS
951584	08/20/2020	08/20/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	08/21/2020	08/21/2020	ROBERTS, PATRICK	9.50	\$54.06	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/21/2020	08/21/2020	ROBERTS, PATRICK	9.50	\$3.80	ASSIGNED	Cell Phone	100000002708	INS
951584	08/21/2020	08/21/2020	ROBERTS, PATRICK	9.50	\$22.23	ASSIGNED	PC/Computer	100000002708	INS
951584	08/24/2020	08/24/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/24/2020	08/24/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/24/2020	08/24/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/25/2020	08/25/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/25/2020	08/25/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/25/2020	08/25/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/26/2020	08/26/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/26/2020	08/26/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/26/2020	08/26/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/27/2020	08/27/2020	ROBERTS, PATRICK	10.00	\$56.90	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/27/2020	08/27/2020	ROBERTS, PATRICK	10.00	\$4.00	ASSIGNED	Cell Phone	100000002708	INS
951584	08/27/2020	08/27/2020	ROBERTS, PATRICK	10.00	\$23.40	ASSIGNED	PC/Computer	100000002708	INS
951584	08/28/2020	08/28/2020	ROBERTS, PATRICK	9.00	\$51.21	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	08/28/2020	08/28/2020	ROBERTS, PATRICK	9.00	\$3.60	ASSIGNED	Cell Phone	100000002708	INS
951584	08/28/2020	08/28/2020	ROBERTS, PATRICK	9.00	\$21.06	ASSIGNED	PC/Computer	100000002708	INS
			ROBERTS, PATRICK Total		\$914.67				
965981	08/27/2020	08/26/2020	SMU Pick Up Truck, 3/4 Ton	4.00	\$22.76	UNASSIGNED		100000002708	STD
			SMU Pick Up Truck, 3/4 Ton - 16814 Total		\$22.76				
965981	08/27/2020	08/26/2020	SMU TV Truck - 17902	4.00	\$104.88	UNASSIGNED		100000002708	STD
			SMU TV Truck - 17902 Total		\$104.88				
934939	08/20/2020	08/18/2020	SMU Vactor - 19907	7.50	\$444.75	UNASSIGNED		100000002708	STD
			SMU Vactor - 19907 Total		\$444.75				
			Grand Total		\$1,610.44				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Personal Mileage and Parking - Accounting Date Range 07/01/2020 - 07/31/2020

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									
									\$0.00

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Personal Mileage and Parking - Accounting Date Range 08/01/2020 - 08/31/2020

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									
									\$0.00



Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207
Phone: (313) 567-3990 Fax: (313) 567-3750
www.asi-detroit.com

September 4, 2020

Project Invoice #19 (ASI Inv. #7660)

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)

li# 41133
exp. 6/26/21
v#352

Invoice Period: 8/2/20 - 8/29/20

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:	\$ 20,445.50
	Subconsultants:	
	Metco Services	\$ 24,308.50
	FK Engineering:	\$ 9,357.05
	NTH Consultants	\$ 6,163.51
	AEW	\$ -
	ASI Markup 5%:	\$ 1,991.45
	Total Due This Invoice:	\$ 62,266.01

82912 - 149667 - 730639 - 1-3020
engcon

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	
	FK Engineering:	\$ 11,222.00
	ASI Markup 5%:	\$ 561.10
	Total Due This Invoice:	\$ 11,783.10

82912 - 149667 - 730639 - 1-3016
engcon

Total Due This Invoice:	\$ 74,049.11
Previous Amount Invoiced:	\$ 1,388,113.44
Total Invoiced To-Date	\$ 1,462,162.55
Contract Task Total:	\$ 1,755,118.00
Amount Remaining:	\$ 292,955.45



LG Design is a Subsidiary of CH2M HILL Engineers

Invoice Contact:
Sandy.Pepper@Jacobs.com

Remit to:

LG Design, Inc.
Attn: Judy Rives
1041 East Butler Road
Greenville, SC. 29607
Tax ID : 20-0936384

Oakland-Macomb Interceptor Drain Drainage District
Oakland County Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328
248-858-0958

84915 - 149015 - 730373 - 5456 - 1-2708 - Ch. 21 - engcon
v# 22147 exp. 6/26/23 li# 41407

JTB 9/4/20

Invoice Date: 7/8/2020
CH2M HILL Project No. 705773CH
CH2M HILL Invoice No. 705773CH017
Sequential Invoice Number: 18

PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD)
BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT

This invoice includes labor and expenses for the period:
From May 23, 2020 through June 26, 2020

Authorized Amount: \$ 1,272,470.46
Current Invoice: \$ 36,416.97
Total Invoiced: \$ 1,032,527.25
Percent Complete: 81.14%
Remaining Budget: \$ 239,943.21

Total Amount Due: \$ 36,416.97

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 344,187.00	\$ 246,778.89	\$ 19,711.93	\$ 266,490.82	77.43%	\$ 77,696.18
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 11,246.14	\$ 2,634.52	\$ 13,880.66	79.95%	\$ 3,480.34
8	SITE INSPECTION	\$ 35,641.00	\$ 4,307.50	\$ -	\$ 4,307.50	12.09%	\$ 31,333.50
9	PREPARE O&M MANUAL	\$ 26,718.00	\$ -	\$ -	\$ -	0.00%	\$ 26,718.00
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ -	\$ -	\$ -	0.00%	\$ 9,082.00
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ -	\$ -	\$ -	0.00%	\$ 17,129.00
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ -	\$ -	\$ -	0.00%	\$ 9,803.00
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ -	\$ -	\$ -	0.00%	\$ 15,925.00
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 22,711.00	\$ 17,175.62	\$ -	\$ 17,175.62	75.63%	\$ 5,535.38
SUB.METCO	ELECTRICAL ENGINEERING	\$ 75,570.00	\$ 74,194.50	\$ -	\$ 74,194.50	98.18%	\$ 1,375.50
SUB.NTH	GEOTECH INVESTIGATION	\$ 227,760.00	\$ 192,703.79	\$ 14,070.52	\$ 206,774.31	90.79%	\$ 20,985.69
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
Subtotal:		\$ 1,251,779.46	\$ 996,110.28	\$ 36,416.97	\$ 1,032,527.25	82.48%	\$ 219,252.21
Allowance		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
Total:		\$ 1,272,470.46	\$ 996,110.28	\$ 36,416.97	\$ 1,032,527.25	82.48%	\$ 239,943.21

OUTSTANDING INVOICES:

INVOICE DATE	INVOICE #	AMOUNT
Total:		\$ -
Current invoice		\$ 36,416.97
TOTAL DUE:		\$ 36,416.97

Payment term: 30 calendar days (NET)

FINANCE CHARGES WILL BE ASSESSED AT 1½ PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

Electronic payment details:

Beneficiary Bank: Wells Fargo
ABA No: 121000248
Account No (USD): 4121034003
SWIFT: WFBUS6S



LG Design is a Subsidiary of CH2M HILL Engineers

Oakland-Macomb Interceptor Drain Drainage District
Oakland County Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328
248-858-0958

84915 - 149015 - 730373 - 5456 - 1-2708 - Ch. 21 - engcon
v# 22147 exp. 6/26/23 li# 41407

JTB 9/4/20

Invoice Contact:
Sandy.Pepper@Jacobs.com

Remit to:

LG Design, Inc.
Attn: Judy Rives
1041 East Butler Road
Greenville, SC. 29607
Tax ID : 20-0936384

Invoice Date: 9/3/2020
CH2M HILL Project No. 705773CH
CH2M HILL Invoice No. 705773CH019
Sequential Invoice Number: 20

PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD)
BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT

This invoice includes labor and expenses for the period:
From July 25, 2020 through August 21, 2020

Authorized Amount: \$ 1,272,470.46
Current Invoice: \$ 36,575.83
Total Invoiced: \$ 1,087,522.25
Percent Complete: 85.47%
Remaining Budget: \$ 184,948.21

Total Amount Due: \$ 36,575.83

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 344,187.00	\$ 281,516.54	\$ 16,011.16	\$ 297,527.70	86.44%	\$ 46,659.30
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 35,641.00	\$ 4,307.50	\$ -	\$ 4,307.50	12.09%	\$ 31,333.50
9	PREPARE O&M MANUAL	\$ 26,718.00	\$ -	\$ -	\$ -	0.00%	\$ 26,718.00
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ -	\$ -	\$ -	0.00%	\$ 9,082.00
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ -	\$ -	\$ -	0.00%	\$ 17,129.00
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ -	\$ -	\$ -	0.00%	\$ 9,803.00
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ -	\$ -	\$ -	0.00%	\$ 15,925.00
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 22,711.00	\$ 17,175.62	\$ -	\$ 17,175.62	75.63%	\$ 5,535.38
SUB.METCO	ELECTRICAL ENGINEERING	\$ 75,570.00	\$ 74,194.50	\$ -	\$ 74,194.50	98.18%	\$ 1,375.50
SUB.NTH	GEOTECH INVESTIGATION	\$ 227,760.00	\$ 206,774.31	\$ 20,564.67	\$ 227,338.98	99.82%	\$ 421.02
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
Subtotal:		\$ 1,251,779.46	\$ 1,050,946.42	\$ 36,575.83	\$ 1,087,522.25	86.88%	\$ 164,257.21
Allowance		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
Total:		\$ 1,272,470.46	\$ 1,050,946.42	\$ 36,575.83	\$ 1,087,522.25	86.88%	\$ 184,948.21

OUTSTANDING INVOICES:

INVOICE DATE	INVOICE #	AMOUNT
7/8/2020	705773CH017	\$ 36,416.97
8/4/2020	705773CH018	\$ 18,419.17
Total:		\$ 54,836.14
Current invoice		\$ 36,575.83
TOTAL DUE:		\$ 91,411.97

Payment term: 30 calendar days (NET)

FINANCE CHARGES WILL BE ASSESSED AT 1½ PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

Electronic payment details:

Beneficiary Bank: Wells Fargo
ABA No: 121000248
Account No (USD): 4121034003
SWIFT: WFBUS6S

CLARK HILL

P.L.C.

A T T O R N E Y S A T L A W

151 S. Old Woodward Avenue, Suite 200
Birmingham, Michigan 48009

Telephone (248) 642-9692
Fed.ID # 38-0425840

82912 - 149130 - 731073 - 5113 - Ch.21

Stevn Korth

September 3, 2020

INVOICE

Invoice # 1009440

Oakland-Macomb Interceptor Drain Drainage District August 13, 2020
Attn: Kelsey Cooke Client: 58434
c/o Oakland County Water Resources Commissioner Matter: 316432
1 Public Works Drive
Waterford, MI 48328

=====

RE: OMID Phase 2 Project - Acquisition of Northeast Pump
Stations

FOR SERVICES RENDERED through July 31, 2020

Total Services: \$1,917.00

INVOICE TOTAL \$1,917.00

07/30/20 1005348 \$810.00

Past Due Balance: \$810.00

TOTAL AMOUNT DUE \$2,727.00

=====

PAYABLE UPON RECEIPT IN U.S. DOLLARS

2121 Burdette
Ferndale, MI 48220
Phone: (248) 591-7484 Fax: (248) 591-7491
www.detroitellevator.com

187534

9/4/20

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT

INVOICE DATE: AUGUST 18, 2020
 INVOICE NO.: 1503601

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

ATTN: JOHN BASCH

 82912 - 149997 - 731073 - 5089 - 1-3020 -
 Ch. 21 v# 4978 4/30/22

CLIENT/MATTER NO.: 012840-00424

Stevn Korth Septmeber 3, 2020

RE: REVISION OF OAKLAND COUNTY PURCHASE ORDER FOR MISCELLANEOUS WORK

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH JULY 31, 2020

USD

TOTAL FEES CURRENT INVOICE \$ 1,750.00

TOTAL CURRENT INVOICE \$ 1,750.00

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF AUGUST 18, 2020

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1494911	07/20/20	5,845.00	(0.00)	5,845.00

TOTAL OUTSTANDING FROM PRIOR INVOICES \$ 5,845.00

TOTAL AMOUNT DUE \$ 7,595.00

MK 8/19/20

Remittance Instructions		
Terms: Due and Payable Upon Receipt		
Mail To:	ACH Instructions:	Wire Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852 (Please Reference Invoice Numbers)	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852 (Please Reference Invoice Numbers)



Oakland-Macomb Interceptor Drain Drainage District
 c/o Oakland County Water Resources Commissioner
 One Public Works Drive
 Waterford, MI 48328
 248-858-0958

Invoice Date: 7/8/2020
 Jacobs Project Number: 697317CH
 Sequential Invoice Number: 22
 Jacobs Invoice Number: 697317CH022

84912 - 149015 - 730639 - 5216 - 1-2892 - Ch. 21 - std
v# 20192 exp. 5/15/21 li# 39942

[Handwritten signature]

9/4/20

INVOICE

OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period
 From May 23, 2020 through June 26, 2020

Authorized Amount	\$	531,447.00
Current Invoice	\$	22,988.97
Total Invoiced to Date	\$	449,977.01
Remaining Budget	\$	81,469.99

Total Amount Due	\$ 22,988.97
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STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95		\$0.00	\$24,631.95
TOTAL OUTSTANDING AMOUNT					\$24,631.95	

Payment terms: 30 NET

To ensure accurate posting, please note the invoice number on your check.

Electronic payment details:

Beneficiary Bank: Wells Fargo
 ABA No: 121000248
 Account No (USD): 4121034003
 SWIFT: WFBUS6S

Checks payable to:

CH2M HILL ENGINEERS, INC.
 P.O. Box 201869
 Dallas, TX 75320 - 1869



Oakland-Macomb Interceptor Drain Drainage District
c/o Oakland County Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328
248-858-0958

Invoice Date: 8/4/2020
Jacobs Project Number: 697317CH
Sequential Invoice Number: 23
Jacobs Invoice Number: 697317CH023

84912 - 149015 - 730639 - 5216 - 1-2892 - Ch. 21 - std
v# 20192 exp. 5/15/21 li# 39942

9/4/20

INVOICE

OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period
From June 27, 2020 through July 24, 2020

Authorized Amount	\$ 531,447.00
Current Invoice	\$ 6,484.91
Total Invoiced to Date	\$ 456,461.92
Remaining Budget	\$ 74,985.08

Total Amount Due	\$ 6,484.91
------------------	-------------

STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95	07/16/2020	\$21,634.51	\$2,997.44
07/08/2020	697317CH022	22	\$22,988.97		\$0.00	\$22,988.97
TOTAL OUTSTANDING AMOUNT					<u>\$25,986.41</u>	

Payment terms: 30 NET

To ensure accurate posting, please note the invoice number on your check.

Electronic payment details:

Beneficiary Bank: Wells Fargo
ABA No: 121000248
Account No (USD): 4121034003
SWIFT: WFBUS6S

Checks payable to:

CH2M HILL ENGINEERS, INC.
P.O. Box 201869
Dallas, TX 75320 - 1869



Oakland-Macomb Interceptor Drain Drainage District
c/o Oakland County Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328
248-858-0958

Invoice Date: 8/31/2020
Jacobs Project Number: 697317CH
Sequential Invoice Number: 24
Jacobs Invoice Number: 697317CH024

84912 - 149015 - 730639 - 5216 - 1-2892 - Ch. 21 - std

v# 20192 exp. 5/15/21 li# 39942

9/4/20

INVOICE

OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period
From July 25, 2020 through August 21, 2020

Authorized Amount	\$	531,447.00
Current Invoice	\$	11,920.40
Total Invoiced to Date	\$	468,382.32
Remaining Budget	\$	63,064.68

Total Amount Due	\$	11,920.40
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STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95	07/16/2020	\$21,634.51	\$2,997.44
07/08/2020	697317CH022	22	\$22,988.97		\$0.00	\$22,988.97
08/04/2020	697317CH023	23	\$6,484.91		\$0.00	\$6,484.91
TOTAL OUTSTANDING AMOUNT					<u>\$32,471.32</u>	

Payment terms: 30 NET

To ensure accurate posting, please note the invoice number on your check.

Electronic payment details:

Beneficiary Bank: Wells Fargo
ABA No: 121000248
Account No (USD): 4121034003
SWIFT: WFBUS6S

Checks payable to:

CH2M HILL ENGINEERS, INC.
P.O. Box 201869
Dallas, TX 75320 - 1869



KENNEDY
INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
8/26/2020	620199	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR.
L WATERFORD, MI 48328

S NORTH EAST PUMPING STATION
H 8598 E. STATE FAIR AVE
I DETROIT, MI 48234
P

82912 - 149090 - 730660 - 5825 - Ch. 21
v#239
6/30/22

9/4/20

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE
		0105960	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/SPM	FIELD SERVICE
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	10.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 08/25/20. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,100.00
0.00	0.50	TRAVEL	SERVICE VEHICLE	\$66.00	\$33.00

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

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) 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.

***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**

SUBTOTAL: \$1,133.00
TAX: \$0.00
TOTAL: \$1,133.00

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

www.KennedyInd.com

Invoice

82912 - 149090 - 730660 - 5820 - Ch. 21 v# 22875 exp. 6/28/22



9/4/20

Delivery Address Great Lakes Water Authority 11001 E State Fair St Detroit MI 48234	Information Document No. 154356248 Document Date 08/31/2020 Customer PO Contract 005820 Customer Contact Darrin Green Customer No. 1816160																																								
Invoice Address Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	Terms of Payment / Delivery Terms of Delivery FCA PLANT OF ORIGIN Terms of Payment 15 days net Due Date 09/15/2020																																								
Invoice Details Provided labor and materials to complete installation of new 4 ton CXT hoist. Thank you for your business!!																																									
<table><thead><tr><th>Item</th><th>Material Description</th><th>Quantity</th><th>Unit price USD</th><th>Value USD</th></tr></thead><tbody><tr><td colspan="5">Service Request Num & Delivery Date: 1-91998225993 / 0157215110 / 08/31/2020</td></tr><tr><td>10</td><td>Hoist Replacement Removed old hoist, and installed new CXT.</td><td>1 EA</td><td>7,716.00 / EA</td><td>7,716.00</td></tr><tr><td>20</td><td>Equipment</td><td>1 EA</td><td>750.00 / EA</td><td>750.00</td></tr><tr><td>30</td><td>Electrical upgrade adder</td><td>1 EA</td><td>2,650.99 / EA</td><td>2,650.99</td></tr><tr><td colspan="4">Invoice Value</td><td>11,116.99</td></tr><tr><td colspan="4">Sales Tax</td><td>\$667.02 0.00</td></tr><tr><td colspan="4">Invoice Total</td><td>\$11,784.01 11,116.99</td></tr></tbody></table>		Item	Material Description	Quantity	Unit price USD	Value USD	Service Request Num & Delivery Date: 1-91998225993 / 0157215110 / 08/31/2020					10	Hoist Replacement Removed old hoist, and installed new CXT.	1 EA	7,716.00 / EA	7,716.00	20	Equipment	1 EA	750.00 / EA	750.00	30	Electrical upgrade adder	1 EA	2,650.99 / EA	2,650.99	Invoice Value				11,116.99	Sales Tax				\$667.02 0.00	Invoice Total				\$11,784.01 11,116.99
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Sales Tax				\$667.02 0.00																																					
Invoice Total				\$11,784.01 11,116.99																																					

DET-Detroit, MI
43050 W. 10 Mile Road
NOVI MI 48375-3206
USA

Phone No. 248-380-2626
Fax No. 248-380-8595

Contact: Denise Collins
Email: denise.collins@konecranes.com



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

INVOICE NO. 1811-20

DATE: September 1, 2020

METCO PROJECT NO. 1811

INVOICE PERIOD: thru 8/30/2020

Contract ID 00000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager

TITLE: NESPS Operation and Maintenance

Task 3.2 - Operational Plan

Task 3.2A - OMID Operations - Fund 82912, Program 149130, Account 730373

JTB 9/4/20

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	8.0	\$ 145.00	\$ 1,160.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal Task 3.2A:				\$ 1,160.00

Task 3.2B - NEPS Operations - Fund 82912, Program 149090, Account 730373

JTB 9/4/20

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	56.0	\$ 145.00	\$ 8,120.00
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Rosana Santos	Administrative Assoc.	2.0	\$ 73.79	\$ 147.58
Subtotal Task 3.2B:				\$ 9,987.58

Subtotal 3.2: \$ 11,147.58

Task 4.0 - Maintenance & Asset Management

Task 4.3A OMID Maintenance – Fund 82912, Program 149130, Account 730646

JTB 9/4/20

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Terry Moore	Operations Manager	16.0	\$ 145.00	\$ 2,320.00
Anthony Vozza	Staff Engineer	77.5	\$ 90.00	\$ 6,975.00
Subtotal Task 4.3A:				\$ 9,295.00

Task 4.3B NEPS Maintenance – Fund 82912, Program 149090, Account 730646

JTB 9/4/20

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	10.0	\$ 215.00	\$ 2,150.00
Terry Moore	Operations Manager	76.0	\$ 145.00	\$ 11,020.00
Terry Moore	Operations Manager (Overtime)	18.0	\$ 195.00	\$ 3,510.00

Daniel Martel	Sr. Project Coordinator	0.0	\$	145.00	\$	-
Sean Grant	Sr. Project Engineer	0.0	\$	145.00	\$	-
Darrin Green	Staff Engineer	134.5	\$	90.00	\$	12,105.00
Darrin Green	Staff Engineer-(Overtime)	11.0	\$	135.00	\$	1,485.00
Anthony Vozza	Staff Engineer	40.0	\$	90.00	\$	3,600.00
Anthony Vozza	Staff Engineer-(Overtime)	8.0	\$	135.00	\$	1,080.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
				Subtotal:	\$	34,950.00
				Maintenance Services (see attached invoices):	\$	1,314.72
				Subtotal Task 4.3B	\$	36,264.72
				Subtotal 4.3:	\$	45,559.72

Task 6.0 NEXGEN Asset Management Implementation Services – Fund 82912, Program 149662 Account 731444 Proj #1-2842

JTB 9/4/20

Raj Vijayendran, PE	Principal Engineer	0.0	\$	215.00	\$	-
Terry Moore	Operations Manager	1.0	\$	145.00	\$	145.00
Terry Moore	Operations Manager (Overtime)	0.0	\$	195.00	\$	-
Sean Grant	Sr. Project Engineer	11.0	\$	145.00	\$	1,595.00
Darrin Green	Staff Engineer	1.5	\$	90.00	\$	135.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	1.5	\$	90.00	\$	135.00
Abhishek Shah	Staff Engineer	160.0	\$	90.00	\$	14,400.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
				Subtotal 6.0:	\$	16,410.00
				TOTAL AMOUNT DUE THIS INVOICE:	\$	73,117.30

**84917 - 149015 - 730177 - 1-3252 - ADM GLE
v#5072**

MR. MIKE GREGG

OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, MI
ONE PUBLIC WORKS DRIVE
WATERFORD, MI 48328

Replacement Invoice

Recipient	Invoice No.:	P0348300
OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, MI ONE PUBLIC WORKS DRIVE WATERFORD, MI 48328	Customer No.:	9000006831
	Invoice Date:	September 03, 2020
	Orig Inv Date:	August 28, 2020

For Professional Services:		
Total Net Value:	USD	34,500.00
Sales Taxes:	USD	0.00
Invoice Amount:	USD	34,500.00

Inquiries Contact

MIS Collections Team
Email : MISCollections@moodys.com

Moody's Investors Service, Inc. Taxpayer ID#: 13-1959883

Please do not contact your Analytic Team regarding this or any other fee-related matter.

Return This Portion With Your Payment

Invoice No.: P0348300
Moody's Ref No.: P0347469
Customer No.: 9000006831
Invoice Date: September 03, 2020

Invoice Amount: USD 34,500.00
Invoice Payable in USD

Wire Payment with Invoice Number to

SunTrust Bank
Transit Routing # 061000104
ACH # 061000104
Moody's Account # 8801939847
For Customers wiring outside the U.S.: Swift Code: SNTRUS3A

Mail Payment with Invoice Stub To

Moody's Investors Service, Inc.
P.O. BOX 102597
ATLANTA, GEORGIA 30368-0597
USA

PAYMENT DUE UPON RECEIPT



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

82912 - 149090 - 730660 - 5469 - Ch. 21

V#7755

Exp 7/30/21

LI# 41132

John R.

9/4/20

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
920567	0	001	7/23/2020	9/1/2020	93209

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$237.50	-	\$237.50	\$237.50	-	-
Totals:		\$237.50		\$237.50	\$237.50		
Less Retained:				-			
Invoice Total:				\$237.50			

TW

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 7/23/2002

complete electrical construction

"We herby 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

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"AN EQUAL OPPORTUNITY EMPLOYER"

82912 - 149090 - 730660 - 5469 - Ch. 21

V#7755

Exp 7/30/21

LI# 41132

John R.

9/4/20

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
920567	0	001	7/25/2020	9/1/2020	93210

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$107.00	-	\$107.00	\$107.00	-	-
Totals:		\$107.00		\$107.00	\$107.00		
Less Retained:				-			
Invoice Total:				\$107.00			

TH

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 7/25/2020

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"

82912 - 149090 - 730660 - 5469 - Ch. 21

V#7755

Exp 7/30/21

LI# 41132

John R.

9/4/20

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
920567	0	001	8/6/2020	9/1/2020	93211

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$115.50	-	\$115.50	\$115.50		-
Totals:		\$115.50		\$115.50	\$115.50		
Less Retained:				-			
Invoice Total:				\$115.50			

TH

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 8/6/2020

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

82912 - 149090 - 730660 - 5469 - Ch. 21**V#7755****Exp 7/30/21****LI# 41132**

9/4/20

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
920567	0	001	8/11/2020	9/1/2020	93212

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$154.00	-	\$154.00	\$154.00		-
Totals:		\$154.00		\$154.00	\$154.00		
Less Retained:				-			
Invoice Total:				\$154.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

WORK COMPLETED 8/11/2020

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
920567	0	001	8/24/2020	9/1/2020	93213

SID LOCKHART

82912-149090-730660
cont# 5469, v# 7755 LI 41132 Exp 7/30/21

9/4/20

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$320.83	-	\$320.83	\$320.83	-	-
Totals:		\$320.83		\$320.83	\$320.83		
Less Retained:				-			
Invoice Total:				\$320.83			



AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 8/24/2020

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."

Municipal Financial Consultants
435 Union St.
Milford, MI 48381 US
steveb@mfc.com

Invoice 1097

84917 - 149015 - 730177 – 5541 - 1-3252 - ADM
GLE
v#817



BILL TO Oakland Macomb Interceptor Drain District	DATE 09/03/2020	PLEASE PAY \$75,860.79	DUE DATE 10/03/2020

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
08/19/2020	Services	Oakland Macomb Interceptor Drain Drainage District Bonds, Series 2020A Financial Advisory Fee (\$64,887,725 total bond production)	1	61,615.79	61,615.79
08/19/2020	Services	Preparation of data and assembly, printing, and mailing of the POS and FOS. \$4,500 plus three local units disclosure at \$1,000	1	7,500.00	7,500.00
08/19/2020	Out of Pocket Expense	Muniplatform Fee (OS Electronic Distribution)	1	795.00	795.00
08/19/2020	Out of Pocket Expense	Expenses related to the subscriptions of TM3 Interest Rate Data and other Softwares	1	450.00	450.00
08/19/2020	Out of Pocket Expense	MAC Fee (pass through)	1	400.00	400.00
08/19/2020	Out of Pocket Expense	Lumesis Continuing Disclosure Lookback on 11 local units (pass through)	1	5,100.00	5,100.00

TOTAL DUE	\$75,860.79
THANK YOU.	

**NTH Consultants, Ltd.**Infrastructure Engineering and
Environmental Services**INVOICE**82912-149667-731458-Proj #1-3020
2603 engcon v#4716
exp. 12/31/21
li# 24138OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328

9/9/20

Invoice # : 1
Project : 61-200280
Invoice Group : CMT
Invoice Date : 9/1/2020

Attention: Sid Lockhart

For Professional Services Rendered from 8/1/2020 to 8/28/2020

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

Task 01	CMT Services	\$130,138.00
	Preliminary Budget Amount	\$130,138.00
	Percent Complete:	2.71%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	740.22	\$ 740.22
Overhead %	188.00 \$	1,391.61	1,391.61
Total Regular Labor Expense		2,131.83	2,131.83
Premium Labor Cost		0	0
Total Direct Labor		2,131.83	2,131.83
Profit / Fixed Fee %	12.00	255.82	255.82
Direct Expenses Charge		1,080.00	1,080.00
Expense Multiplier %	5.00	54.00	54.00
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		1,134.00	1,134.00
Total Costs:		3,521.65	3,521.65
Total Due This Invoice		\$ 3,521.65	\$ 3,521.65

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

82912-149662-1-2842-731906-STD-omid ch. 21 - 2603
V: 4716-LI#24138 Exp: 12/31/21

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

J. R. 9/4/20

Invoice # : 3
Project : 61-200209
Invoice Group : HSM/CSE
Invoice Date : 9/1/2020

Attention: Sid Lockhart

For Professional Services Rendered from 8/1/2020 - 8/28/2020

Provide Engineering and Consulting Services for the OMID NESPS Safety Manual and Crane Support Evaluation. (D419)

Task 01	Health and Safety Manual	\$33,428.00
Task 02	Crane Support Evaluation	\$14,359.00
	Preliminary Budget Amount	<u>\$47,787.00</u>
	Percent Complete:	32.47%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 885.09	\$ 2,751.01
Overhead %	188.00	\$ 1,663.97	5,171.90
Total Regular Labor Expense		2,549.06	7,922.91
Premium Labor Cost		0	0
Total Direct Labor		2,549.06	7,922.91
Profit / Fixed Fee %	12.00	305.89	950.75
Direct Expenses Charge		24.30	3,194.86
Expense Multiplier %	5.00	1.22	159.75
Direct Subcontractor Charge		0.00	3,100.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	186.00
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		25.52	6,640.61
Total Costs:		2,880.47	15,514.27
Total Due This Invoice		\$ 2,880.47	\$ 15,514.27

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459
Please include Project No. and Invoice No. on remittance.

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**NTH Consultants, Ltd.**Infrastructure Engineering and
Environmental Services**INVOICE**OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328**82912 - 149667 - 731444 - 2603 1-3019 - Ch. 21 -
engcon v#4716
exp. 12/31/21
li# 42499****Invoice # : 5
Project : 61-190439
Invoice Group : CS9
Invoice Date : 9/1/2020****Attention: Sid Lockhart****9/4/20****For Professional Services Rendered from****8/1/2020 - 8/28/2020**

Provide engineering services for the design of a new hydraulic control gate to be installed in the existing OMID Control Structure No. 9(CS-9).

Task 01 Gate Design \$189,426.00**Preliminary Budget Amount \$189,426.00
Percent Complete: 79.09%**

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,246.82	\$ 13,417.09
Overhead %	188.00	2,344.02	25,224.13
Total Regular Labor Expense		3,590.84	38,641.22
Premium Labor Cost		0	0
Total Direct Labor		3,590.84	38,641.22
Profit / Fixed Fee %	12.00	430.90	4,636.94
Direct Expenses Charge		0.00	241.55
Expense Multiplier %	5.00	0.00	12.10
Direct Subcontractor Charge		681.25	100,261.17
Subcontractor/Subconsultant Multiplier %	6.00	40.88	6,015.68
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		722.13	106,530.50
Total Costs:		4,743.87	149,808.66
Total Due This Invoice		\$ 4,743.87	\$ 149,808.66

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459
Please include Project No. and Invoice No. on remittance.**TERMS:** Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

82912 - 149667 - 730639 - 2603 - 1-3019 - Ch. 21 -
engcon v# 4716
exp. 12/31/21

JTB 9/4/20

Invoice # : 15
Project : 61-190078
Invoice Group : NI-EA
Invoice Date : 9/1/2020

Attention: Sid Lockhart

For Professional Services Rendered from 8/1/2020 - 8/28/2020

Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4

Task 01	Project Management	\$276,159.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$65,579.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 05A	7-Mile Utility Exploration/Design	\$0.00
Task 05B	Additional Geotech for PCI-4 Shaft	\$0.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,785.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$235,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$25,655.00
Task 13	Bidding Assistance	\$198,402.00
Task 14	Gate Automation	\$68,770.00

Preliminary Budget Amount \$2,273,833.00
Percent Complete: 63.50%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 7,707.18	\$ 220,771.37
Overhead %	188.00	14,489.50	415,050.21
Total Regular Labor Expense		22,196.68	635,821.58
Premium Labor Cost		0	0
Total Direct Labor		22,196.68	634,560.48
Profit / Fixed Fee %	12.00	2,663.60	76,298.60
Direct Expenses Charge		402.86	22,584.33
Expense Multiplier %	5.00	20.14	1,129.27
Direct Subcontractor Charge		29,235.41	667,979.71
Subcontractor/Subconsultant Multiplier %	6.00	1,754.14	40,078.87
Direct Unit Rate Charge		0	0
Total Other Direct Charges Reimbursables		31,412.55	731,772.18
Total Costs:		56,272.83	1,443,892.36
Total Due This Invoice		\$ 56,272.83	\$ 1,443,892.36

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
Please include Project No. and Invoice No. on remittance.

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

82912 - 149662 - 730639 - 2603 - 1-3015 Ch. 21 - engcon v# 4716
exp. 12/31/21
li# 24138

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

J. R.

9/4/20

Invoice # : 19
Project : 61-190044
Invoice Group : REPAIRS
Invoice Date : 9/1/2020

Attention: Sid Lockhart

For Professional Services Rendered from

08/01/2020 - 08/28/2020

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01) \$4,587.37
Rehabilitation Design (Task 02) \$71,617.66
Construction Observation (Task 03) \$178,109.97
\$254,315.00

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)		\$ 386.32	\$ 24,067.44
Overhead %	188.00	726.28	45,246.78
Total Regular Labor Expense		1,112.60	69,314.22
Premium Labor Cost		0	0
Total Direct Labor		1,112.60	69,314.22
Profit / Fixed Fee %	12.00	133.51	8,317.70
Direct Expenses Charge		0.00	330.08
Expense Multiplier %	5.00	0.00	66.51
Direct Subcontractor Charge		0.00	9,301.50
Subcontractor/Subconsultant Multiplier %	5.00	0.00	465.12
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		0.00	10,163.21
Total Costs:		1,246.11	87,795.13
Total Due This Invoice		\$ 1,246.11	\$ 87,795.13

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459
Please include Project No. and Invoice No. on remittance.

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

84915 - 149015 - 730639 - 2603 - 1-2232
Ch 21 - eng con
v#4716 exp. 12/31/21 li#24138

Invoice # : 52
Project : 61-150162
Invoice Group : NESPS CCA
Invoice Date : 9/1/2020

Attention: Sid Lockhart

John R. 9/4/20

For Professional Services Rendered from

06/20/2020 - 08/28/2020

CCA and Construction Observation Services for the Emergency Rehabilitation of the NESPS Discharge Chamber

CCA / Construction Observation (Task 01)	\$437,458.04
CIP Concrete Riser Substitution (Task 02)	\$3,041.52
Continuation of NESPS CCA (Task 03)	\$522,070.69
Continuation of GLWA Coordination (Task 04)	\$41,800.92
Sterling Heights Sewer Grout Investigation (Task 05)	\$7,507.83
Preliminary Budget Amount	\$1,011,879.00
Percent Complete:	97.80%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 819.32	\$ 241,302.52
Overhead %	188.00	1,540.32	453,648.72
Total Regular Labor Expense		2,359.64	694,951.24
Premium Labor Cost		0	0
Total Direct Labor		2,359.64	697,310.88
Profit / Fixed Fee %	12.00	283.16	83,394.23
Direct Expenses Charge		0.00	37,430.90
Expense Multiplier %	5.00	0.00	1,871.55
Direct Subcontractor Charge		0.00	156,860.04
Subcontractor/Subconsultant Multiplier %	5.00	0.00	7,843.01
Direct Unit Rate Charge		0.00	4,655.59
Total Other Direct Charges Reimbursables		0.00	208,661.09
Total Costs:		2,642.80	987,006.56
Total Due This Invoice		\$ 2,642.80	\$ 989,649.36

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459
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28294 Beck Road Wixom, MI 48393
800-419-5199 FAX (248) 374-6402
www.PMTech.org

Invoice

Date 5/7/2020 Invoice # 0000137944

Bill To: 82912-149090-730660 Contract# 5821
V#238 Exp 6/28/22 LI# 42705

Site Address:
Main Tab

County Of Oakland
A Michigan Constitutional Corp
2100 Pontiac Lake Road
Waterford MI 48328

JL R

9/4/20

PO Number	Terms	Make	Model	Serial Number	
contract	NET 30 DAYS				
KW	PM Tech's Other Locations		A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To: 28294 Beck Road Wixom, MI 48393	
	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				
DESCRIPTION			QTY	PRICE EACH	AMOUNT
Contracted Services (Phoenix Environmental) for installation of new heat trace lines and insulation on fuel system piping.			1.00	4,884.32	4,884.32
Discount			-1.00	1,800.00	-1,800.00
Visa, Master Card, Discover or American Express 3% processing fee added to total over \$2,000			Subtotal \$3,084.32		
Sign: _____ Inv # _____			Sales Tax \$0.00		
Card #: _____			Balance Due \$3,084.32		
Exp Date: _____ Security Code: _____			This Invoice if for the Services mentioned above only, if other repair work was completed it will be invoiced separately.		
Conditions of Sale and Limitations of Liability are on back of invoice. Warranty Disclaimer: parts and labor not covered by the manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.					



TECHNOLOGIES

28294 Beck Road Wixom, MI 48393

800-419-5199 FAX (248) 374-6402

www.PMTech.org

Invoice

Date Invoice #

7/8/2020 0000140204

Bill To:

County Of Oakland

A Michigan Constitutional Corp 82912-149090-730660

2100 Pontiac Lake Road

Waterford MI 48328

Site Address:

Main Tab

Contract# 5821 V#238 Exp 6/28/22 LI# 42705

JL R 9/4/20

PO Number		Terms	Make	Model	Serial Number
16268		NET 30 DAYS			
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To: 28294 Beck Road Wixom, MI 48393
	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Service Call - PM Technologies will be on site to perform generator operation in accordance with defined testing protocol	1.00	185.00	185.00
Labor	2.75	115.00	316.25
7/8/2020			

Visa, Master Card, Discover or American Express 3% processing fee added to total over \$2,000

Subtotal \$501.25

Sign: _____ Inv # _____

Card #: _____

Exp Date: _____ Security Code: _____

Sales Tax \$0.00

Balance Due \$501.25

This Invoice is for the Services mentioned above only,
if other repair work was completed it will be invoiced
separately.

Conditions of Sale and Limitations of Liability are on back of invoice.
manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

Warranty Disclaimer: parts and labor not covered by the



PMA Consultants

226 W. Liberty Street ■ Ann Arbor, MI 48104

Tel: 734.769.0530 ■ Fax: 734.663.9561

Oakland County Water Resources Commissioner

Attn: Sid Lockhard, P.E.

One Public Works Drive

Building 95-West

Waterford 48328

September 3, 2020

Invoice No: 03559.01-3

82912 - 149667 - 731444 - 5158 - 1-3020 - Ch. 21 - engcon v# 16918

exp. 6/30/22

9/9/20

Project 03559.01

Oakland-Macomb Interceptor Drainage 2020

Professional Services from August 1, 2020 to August 31, 2020

Professional Personnel

	Hours	Rate	Amount
Zann, John	22.00	94.00	2,068.00
Totals	22.00		2,068.00
Total Labor			2,068.00

Additional Fees

Overhead	149.10 % of 2,068.00	3,083.39
Profit	10.00 % of 5,151.39	515.14
Total Additional Fees		3,598.53

Billing Limits

	Current	Prior	To-Date
Total Billings	5,666.53	13,393.61	19,060.14
Limit			450,000.00
Remaining			430,939.86

Total this Invoice \$5,666.53

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



46400 Continental Drive
Chesterfield, MI 48047
PH 586-840-3200 FX 586-840-3201

REMIT TO
Premier Safety
PO Box 33757
Detroit MI 48232-3757

Reprint Sales Invoice

INVOICE #	04176358
LOCATION	04
DATE	04/03/20
PAGE	1 of 2

BILL TO

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

SHIP TO

OAKLAND CTY WRC BLDG 95 WEST
95 W CONSTRUCTION DRAIN
1 PUBLIC WORKS DR
WATERFORD, MI 48328-1907

ORDER NUMBER 04112389	ORDER DATE 04/02/20	CUSTOMER P/O NUMBER VRBL-SEDAM	PAYMENT TERMS NET 30 DAYS
CUSTOMER SALES REP BLAKE DEHART PH: 586-840-3200	CONTACT DEBBIE SEDAM	SHIP VIA UPS GROUND	
FREIGHT TERMS PREPAY & ADD	JOB NUMBER	SALES PERSON AARON JACOB	

PRODUCT/DESCRIPTION	QUANTITY OPEN	QUANTITY SHIPPED	QUANTITY BACKORDERED	PRICE	U/M	EXTENSION
HON216WLS-Z7/6FTYL MANYARD SHOCK ABSORBING LANYAR LANYARD	3	3	0	74.0000	EA	222.00
FT27620LE LEADING EDGE SRL 20' GALVANIZE CABLE SWIVEL TOP	2		2	495.0000	EA	0.00

82912 - 149090 - 750294 - 5639 - Ch. 21

PLEASE PAY OUT OF DRF

JL R

9/2/20

MERCHANDISE TOTAL	FREIGHT & HANDLING	MISC CHARGE	TAX	INVOICE TOTAL
222.00	12.03	0.00	0.00	234.03



www.PremierSafety.com

PAYMENT APPLIED	0.00
CREDIT APPLIED	12.03
BALANCE DUE	222.00

Premier Safety The smart choice for safety and environmental solutions

Project Application and Project Certificate for Payment, Construction Manager as Adviser Edition

TO OWNER: Oakland Macomb Interceptor Drain Drainage District c/o Oakland County WRC One Public Works Drive, Building 95 West Waterford, MI 48328-1907	PROJECT: OMIDDD NESPS Mech. And Elec. Improvements	APPLICATION NO: 220008 Pre-Con 7 PERIOD TO: 7/31/2020	Distribution to: OWNER: <input checked="" type="checkbox"/> CONSTRUCTION MANAGER: <input checked="" type="checkbox"/> ARCHITECT: <input type="checkbox"/> OTHER: <input type="checkbox"/>
ATTENTION: Joel T. Brown P.E.	VIA CONSTRUCTION MANAGER: CJ Pokorny Walsh Construction Company II, LLC 3031 West Grand Blvd. Ste.640 Detroit, MI 48202	OMIDDD Proj# 1-3020 FUND 82912 PROGRAM: 149667 ACCOUNT 730373 ACTIVITY ENGCON VENDOR ID 23191 LINE ITEM 43331	Expiration: 12/16/2022

PROJECT APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Project AIA Document G703, Schedule of Values, is attached for payment.

1. TOTAL CONTRACT SUMS (Item D Totals)	\$ 570,000.00
2. TOTAL NET CHANGES BY CHANGE ORDER:	\$4,042,914.45
3. TOTAL CONTRACT SUM TO DATE	\$ 4,612,914.45
4. TOTAL COMPLETED & STORED TO DATE (Item G Totals)	\$ 1,107,352.17
	\$ -
5. LESS PREVIOUS TOTAL PAYMENTS (Item J Totals)	\$985,824.01
6. CURRENT PAYMENT DUE (Item A Totals)	\$ 121,528.16

The undersigned Construction Manager certifies that to the best of it's knowledge, information and belief this Project Application for Payment is an accurate compilation of the Contract's Application for Payment, attached hereto.

CONSTRUCTION MANAGER:

By: _____ Date: 9/1/2020

State of:

County of:

Subscribed and sworn to before me this _____ day of _____

Notary Public:

My Commission expires:

PROJECT CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on evaluation of the work and the data compromising this Application, the Construction Manager certifies to the Owner that to the best of its knowledge, information and belief the Work has progressed as indicated; the quality of the Work is in accordance with the Contract Documents; and the Construction Manager recommends to the Owner and Architect that the Contractors be paid the AMOUNTS set forth in the attached Schedule of Values for Payment.

JTB 9/9/20

TOTAL OF AMOUNTS CERTIFIED \$ 121,528.16

CONSTRUCTION MANAGER:

By: _____ Date: 9/1/2020

In accordance with the Contract Documents, based on evaluation of the work and the data compromising this Application, the Construction Manager's recommendation, the Architect certifies to the Owner that to the best of its knowledge, information and belief the Work has progressed as indicated; the quality of the Work is in accordance with the Contract Documents; and the Contractors are entitled to payments of the AMOUNTS set forth in the attached Schedule of Values for Payment.

ARCHITECT:

By: _____ Date: _____

Agenda Item No. 13

Other Business

Agenda Item No. 14

Adjourn