

## AGENDA

### **Oakland-Macomb Interceptor Drain Drainage Board** Macomb and Oakland Counties

**August 17, 2022 – 11:30 a.m.**

Office of the Macomb County Public Works Commissioner  
21777 Dunham Road, Clinton Township, Michigan, and Microsoft Teams

1. Call meeting to order

Board Members:

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

2. Motion to approve the meeting agenda for August 17, 2022
3. Motion to approve the Drainage District Board Meeting Minutes from July 20, 2022
4. Public Comment
5. Present Memorandum regarding Great Lakes Water Authority 96” Dia. Water Transmission Main Relocation Projects
6. Motion to approve the following Change Orders:
  - a) Walsh Construction Change Order No. 25 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$278,972.37
  - b) Walsh Construction Change Order No. 1 for Construction of the CS-9 Hatch Cover Damage Repair for a net increase in the amount of \$507,481.00
  - c) Marra Services Change Order No. 3 for NI-EA Contract One, PCI-4 Rehabilitation for a net increase in the amount of \$222,276.41 and a time change of an additional 31 calendar days
7. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No. 22 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$709,025.50 with a transfer to the Oakland County Treasurer in the amount of \$28,533.25
  - b) Construction Estimate No. 17 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$303,562.22
8. Report/Update – Status of OMID Repairs Project
9. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing

10. Motion to approve the following invoices:

a)	Reimbursement		
	1) Labor/Fringes/Non-Direct Labor Factor		
	• Segment 5 NI-EA Construction		\$ 9,168.34
	• Segment 5 NESPS Mech./Elect. Construction		\$ 56,255.90
	2) Equipment Charges		
	• Segment 5 NI-EA Construction		\$ 188.72
	• Segment 5 NESPS Mech./Elect. Construction		\$ 407.14
b)	ASI		
	Invoice No. 42-8199	NESPS	\$ 113,280.89
c)	Clark Hill		
	1) Invoice No. 1220403	O&M	\$ 13,608.00
	2) Invoice No. 1220405	NI-EA	\$ 135.00
d)	Dickinson Wright		
	Invoice No. 1715594	O&M	\$ 1,619.50
e)	Hesco		
	Invoice No. 2213786	O&M	\$ 4,016.75
f)	Jacobs		
	Invoice No. C6A19900-02	O&M	\$ 70,618.37
g)	Kennedy Industries		
	1) Invoice No. 630978	O&M	\$ 1,518.00
	2) Invoice No. 631969	O&M	\$ 1,040.95
h)	Metco		
	Invoice No. 1811-43	O&M	\$ 80,733.91
i)	Motor City Electric Company		
	1) Invoice No. 94500	O&M	\$ 351.00
	2) Invoice No. 94596	O&M	\$ 252.00
j)	NTH Consultants, Ltd		
	1) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4		
	Invoice No. 630201	NI-EA	\$ 1,663.50
	2) Contract No. 1 PCI-4		
	Invoice No. 630202	NI-EA	\$ 68,698.49
	3) Eng./Consulting Services NESPS Upgrade		
	Invoice No. 630204	NESPS	\$ 1,029.71
	4) Consulting Services – System Inspection		
	Invoice No. 630205	O&M	\$ 1,328.50
	5) Rehabilitation Program 2021 Closeout Services		
	Invoice No. 630206	O&M	\$ 603.73
	6) Additional NESPS Maintenance Eng. Services		
	Invoice No. 630207	O&M	\$ 929.69
k)	Rotor		
	1) Invoice No. 12530	O&M	\$ 1,569.00
	2) Invoice No. 12531	O&M	\$ 7,082.93
	3) Invoice No. 12532	O&M	\$ 2,357.42

11. Other Business

12. Adjourn

Next Regular Meeting: September 21, 2022, 11:30 a.m., Eastern Standard Time.



**Agenda Item No. 3**

Board Meeting Minutes from July 20, 2022

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

July 20, 2022

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township Michigan on the 20<sup>th</sup> day of July at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

**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, Bruce Manning, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Brian Coburn, Sid Lockhart, Joel Brown, Evans Bantios, Megan Koss, and Stephanie Lajdziak. Others in attendance: John Michalski, MDARD; Fritz Klingler, FK Engineering; Terry Moore, Metco; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Larry Gilbert and Michelle Kitzinger, NTH Consultants; Sal Saputo and Patrick Kennedy, Meadowbrook Insurance; Dave Pauline, Walsh Construction; Doug Busko, Jacobs.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:32 a.m.

2. Agenda.

Motion by Miller, supported by Nash, to approve the July 20, 2022, agenda as presented.

ADOPTED: Yeas - 3  
              Nays - 0

3. Minutes.

Motion by Miller, supported by Nash, to approve the minutes of the June 15, 2022, meeting.

ADOPTED: Yeas - 3  
              Nays - 0

4. Public Comment.

None.

5. Engineering Work Order.

The following Engineering Work Orders were submitted to the Board for approval:

- a) NTH Engineering Work Order No. D-449 for CS-9 Hatch Cover Repair Inspection Observation to increase contract #2603 by a not-to-exceed amount of \$59,500 and the creation of the CS-9 Hatch Cover Damage Repair Project. Motion by Miller supported by Nash, to approve the Engineering Work order and the creation of the CS-9 Hatch Cover Damage Repair Project as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) NTH Engineering Work Order No. D-450 for Additional Odor and Air Pressure Sampling Effort for NI-EA Rehabilitation Projects to increase contract #2603 by a not-to-exceed amount of \$18,554. Motion by Nash, supported by Miller, to approve the Engineering Work Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

6. Change Order.

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

- a) Walsh Construction Change Order No. 24 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$570,665.08. Motion by Nash, supported by Miller, to approve the Change Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) Walsh Construction Change Order No. 1 for the CS-9 Hatch Cover Damage Repair in the amount of \$507,481. Motion by Nash supported Miller, to approve the Change Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

- c) Kone Change Order No. 1 for the one year extension of the OMID-DEC Maintenance Services Contract. Motion by Miller, supported by Nash, to approve the Change Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

7. Construction Pay Estimates.

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

- a) Construction Estimate No. 21 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$3,600,132.78 with a transfer to the Oakland County Treasurer in the amount of \$43,912.74. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3  
 Nays - 0

- b) Construction Estimate No. 16 for Marra Services for NI-EA Contract No. One for PCI-4 Rehabilitation in the amount of \$331,260.10. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3  
 Nays - 0

8. 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 Nash, supported by Miller, to receive and file the report and summary.

ADOPTED: Yeas - 3  
 Nays - 0

9. Financial Reports.  
 Shawn Phelps presented the financial reports for NI-EA and the NESPS. Motion by Miller, supported by Nash, to receive and file the financial reports.

ADOPTED: Yeas - 3  
 Nays - 0

10. Invoices.  
 The following invoices were submitted to the Board for approval:

a) ASI			
Invoice No. 41-8183	NESPS	\$	82,657.76
b) Clark Hill			
1) Invoice No. 1214929	O&M	\$	2,160.00
2) Invoice No. 1214934	NI-EA	\$	1,269.00
c) Dickinson Wright			
Invoice No. 1703938	O&M	\$	3,002.00
d) Hesco			
Invoice No. 2213682	O&M	\$	3,378.80
e) Jacobs			
Invoice No. C6A19900-01	O&M	\$	100,964.56
f) Kennedy Industries			
1) Invoice No. 931379-1	O&M	\$	110.00
2) Invoice No. 931612	O&M	\$	3,098.00
g) Kone			
1) Invoice No. 1158274162	O&M	\$	486.66
2) Invoice No. 1158276230	O&M	\$	1,009.54
3) Invoice No. 1158321286	O&M	\$	273.52
h) Konecranes			
Invoice No. 154645862	O&M	\$	4,483.60
i) Meadowbrook Insurance			
Invoice No. 4901	NESPS	\$	125,000.00

j)	Metco			
	Invoice No. 1811-42	O&M	\$	65,326.33
k)	Motor City Electric Company			
	Invoice No. 922567	O&M	\$	225.00
l)	NTH Consultants, Ltd			
	1) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4.			
	Invoice No. 629893	NI-EA	\$	19,356.15
	2) Contract No. 1 PCI-4			
	Invoice No. 929894	NI-EA	\$	102,038.22
	3) Eng./Consult. Services NESPS Upgrade			
	Invoice No. 629900	NESPS	\$	4,825.21
	4) Consulting Services – System Inspection			
	Invoice No. 629901	O&M	\$	4,414.01
	5) Rehabilitation Program 2021 Closeout Services			
	Invoice No. 629902	O&M	\$	883.69
	6) Additional NESPS Maintenance Eng. Services			
	Invoice No. 629903	NESPS	\$	2,825.33
m)	PMA Consultants			
	Invoice No. 03559.01-25	O&M	\$	14,423.88
n)	Rotor			
	1) Invoice No. 12522	O&M	\$	2,125.50
	2) Invoice No. 12523	O&M	\$	3,185.74
	3) Invoice No. 12524	O&M	\$	2,403.72
	4) Invoice No. 12525	O&M	\$	548.00
	5) Invoice No. 12526	O&M	\$	959.00
	6) Invoice No. 12527	O&M	\$	11,587.05

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

ADOPTED: Yeas - 3  
Nays - 0

11. Architectural Options and Construction Cost Estimates for ST-S-3

Doug Busko of Jacobs presented a PowerPoint presentation (attached) regarding the architectural options and costs associated with the Meter Station ST-S-3, which is located within the City of Sterling Heights at 17 Mile and Dodge Park. Mr. Busko advised the Board that in December of 2020, performance tests on the meter system were performed that resulted in the four architectural alternatives presented to the Board. It was decided that a meeting with Board members and Sterling Heights officials would be in order to review the concept options.

Motion by Miller, supported by Nash to receive and file the Architectural Options and Construction Cost Estimates for ST-S-3 Presentation as presented.

ADOPTED: Yeas - 3  
Nays - 0

12. Other Business.

None.



13. Adjourn.

Motion by Nash, supported by Miller, to adjourn the July 20, meeting at 1:37 p.m.

ADOPTED: Yeas - 3  
Nays - 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 10:00 a.m., Eastern Standard Time on August 17, 2022.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District, at a meeting held on July 20, 2022, and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 20<sup>th</sup> day of July 2022



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Jim Nash, Secretary  
Oakland-Macomb Interceptor Drain Drainage Board

## **Agenda Item No. 4**

### Public Comment

**Agenda Item No. 5**

**GLWA Water Transmission Main Relocation  
Projects Memorandum**

**OAKLAND COUNTY  
WATER RESOURCES COMMISSIONER****MEMORANDUM**

**TO:** Mr. Michael Gregg, Chairperson of the Oakland-Macomb Inter-County Drain Drainage District

**FROM:** Brian Bennett, P.E., Civil Engineer III

**SUBJECT:** Great Lakes Water Authority 96" Dia. Water Transmission Main Relocation Projects

**DATE:** August 17, 2022

On December 7, 2021, WRC received correspondence (copy attached) and plans from the Great Lakes Water Authority requesting a permit to discharge water to OMID from GLWA's 96" dia. Water Transmission Main Relocation project. WRC's review of the plans indicates there are two projects involving OMID facilities as described below:

GLWA 96" Water Transmission Main Relocation - East Avon Road Early Works Package

GLWA is requesting approval to install a temporary connection to OMID Meter No. 1000 for dewatering operations during construction. Although not anticipated, if contaminated groundwater is encountered during construction, the discharge will be required to adhere to the standards governing domestic and industrial wastes as specified in the Oakland County Wastewater Disposal Standards and Regulations adopted by the Oakland County Board of Commissioners on May 11, 1989, GLWA Industrial Pretreatment Requirements, OMID Industrial Pretreatment Requirements and any other statutorily or regulatorily treatments. Daily test results will be submitted to WRC.

GLWA 96" Water Transmission Main Relocation

This project includes the abandonment of an existing 96" dia. water transmission main located in the G & H Industrial Landfill site. A temporary connection to OMID, located approximately northeast of the intersection of Hamlin and Dequindre Roads is proposed to provide an outlet for the water contained within the existing 96" dia. water transmission main and any groundwater that may seep into the water transmission main during its abandonment. Water will be pretreated by a mobile granular-activated carbon treatment system prior to discharging to the OMID. It is estimated that 3 MG of water will be discharged to the OMID at a rate of 400 GPM. Treatment will follow Oakland County Wastewater Disposal Standards and Regulations, GLWA Industrial Pretreatment requirements and other requirements as cited above. Daily test results will be submitted to WRC.

A second temporary connection to OMID Meter No. 1000 is proposed for dewatering operations during construction.

WRC's staff recommends the Drainage Board approve the request from GLWA subject to the discharge to the OMID being metered and with GLWA reimbursing the District all inspection costs.

Respectively submitted,



Brian Bennett, P.E.

Attachment: GLWA 12/7/21 Permit Request Letter



**Office of the Interim  
Chief Executive Officer**  
735 Randolph Street, Suite 1900  
Detroit, Michigan 48226

December 7, 2021

Oakland-Macomb Interceptor Drain Drainage District (OMIDDD)  
c/o Oakland County Water Resources Commissioner's Office  
One Public Works Drive, Building 95 West  
Waterford, MI 48328

Attn.: Michael Gregg, OMIDDD Chair, Michigan Dept. of Agriculture & Rural Development  
Ms. Candice Miller, Macomb County Public Works Commissioner  
Mr. Jim Nash, Oakland County Water Resources Commissioner

Re: Request for Permit to Discharge to the Oakland-Macomb Interceptor Drain (OMID)  
GLWA 96-inch Water Transmission Main Relocation Project

Honorable OMIDDD Drain Board,

In June 2020, the Great Lakes Water Authority (GLWA) retained Jacobs Consultants, Inc. (Jacobs) to provide design engineering services and services during construction for a new 96-inch diameter water transmission main (WTM), which will be located between the intersection of 24 Mile Road and the Macomb Orchard Trail and the intersection of Dequindre Road and Hamlin Road. This new location will greatly improve access for future operations and maintenance and allow GLWA to abandon existing 96-inch drinking water transmission main located within the closed G&H Industrial Landfill site.

The construction project will produce a discharge to the Oakland Arm Interceptor of the OMID system that includes (1) draining an estimated three million gallons of water from the existing 96-inch WTM, (2) groundwater from the construction trenches, and (3) groundwater collected in the decommissioned WTM. The Oakland Arm conveys wastewater by gravity to OMIDDD's Edison Corridor, which is then lifted via the Northeast Sewage Pumping Station (NESPS) to the North Interceptor-East Arm (NI-EA), which delivers wastewater by gravity to GLWA's Water Resource Recovery Facility (WRRF).

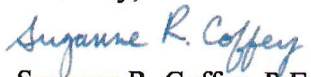
The discharge of all water will be controlled through a Special Discharge Permit issued by GLWA's Industrial Waste Control group to assure that the discharges are pre-treated for any potential contaminants prior to being discharged to the Oakland Arm Interceptor of the OMID system. GLWA'S WRRF agrees to accept these flows for treatment at the WRRF.

GLWA agrees to meter these discharges to the OMID and report the meter readings to OMIDDD representatives as requested.

GLWA respectfully requests a permit from the OMIDDD to approve the proposed pre-treated discharges resulting from construction of the new 96-inch WTM and decommissioning of a portion of the existing 96-inch WTM. GLWA also requests that OMIDDD provide the sampling frequency that will be required as part of OMIDDD's discharge permit.

A more detailed project summary is attached to this letter for your reference. Please contact Grant Gartrell, P.E., Director of Engineering, Water Operations at 313-269-1147 or Jason Matteo, P.E., Jacobs Project Manager at 586-453-8666 with any questions.

Sincerely,



Suzanne R. Coffey, P.E.  
Interim Chief Executive Officer

**ATTACHMENTS:**

Attachment 1: Request for Permit to Discharge to the Oakland-Macomb Interceptor Drain – Project Summary

Attachment 2: Meeting Summary for April 1, 2021 Meeting Between GLWA and Jacobs Regarding GLWA 96-inch Water Transmission Main Relocation Project 96-inch WTM Decommissioning Plan Coordination

cc: Grant Gartrell, GLWA

## **Agenda Item No. 6**

### **Change Orders**



**CHANGE ORDER NO. TWENTY-FIVE**

Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)

For Construction of the Pump and Electrical Upgrades Project

Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

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

**Authorization for:**

- 1.) Replace Wet Well Pressure Transducers; 2.) Lighting Panel Replacement; 3.) Remove and relocate the HVAC Panel from Mezzanine to north wall of Main (Pump) Floor Level # 1; 4.) Furnish and install fire-rated door with glazing at Door Location No.6; 5) Provide fall protection device Certification for roof top access ladder; 7.) Provide credit for wiring deletion, per RFI # 151.

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Address:

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

Change Order No. 25 Date: August 05, 2022

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
25 -1	<p><b><u>LOCATION:</u></b></p> <p>The Northeast Sewage Pumping Station; Detroit, Wayne County, Michigan</p> <hr/> <p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Furnish and install two ea. Pressure transducers with cabling to Electrical room, two ea. Pressure Transmitters mounted in Electrical Room, two ea. new Stilling Wells with support brackets in Wet Well, new conduit in Wet Well and Dry Well to Control Room, and demolish and remove existing level sensor equipment, conduits, and support system.</p> <p><b><u>REASON:</u></b></p> <p>The Wet Well level sensor instrumentation systems provide the basic information for control of the station's dewatering pumps. The existing aged system is antiquated, unreliable, and partially inoperable. In order to ensure accurate</p>	LS	1 ea.	\$117,041.68	\$117,041.68	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 25

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
25 -1	<p>and reliable data is provided for the new main sewage pumps, it was considered necessary to replace this instrumentation system in its entirety, including removal of the existing equipment.</p> <p>The work will be sequenced in a manner that the new equipment is integrated into service while the existing equipment is simultaneously phased out such that the station will not be without this critical service.</p> <p>Attachment: Walsh Construction PCI No.970117</p>					
25 -2	<p><b><u>DESCRIPTION:(Extra/ Add)</u></b></p> <p>Furnish and Install a Lighting Panel System that will replace the existing aged Lighting Panel electrical installations.</p> <p><b><u>REASON:</u></b></p> <p>The existing Lighting panels survive primarily from the original building construction and have deteriorated to a condition where full replacement is considered necessary. The lighting panels provide for electrical power distribution to not only to the building lighting, but also to a significant number of support equipment and related electrical devices. The new panels will provide reliability, improved safety conditions, and the ability to expand with additional circuitry as the future need arises.</p> <p>Attachment: Walsh Construction PCI No. 970122</p>	LS	ea.	\$60,345.56	\$60,345.56	-0-
25 -3	<p><b><u>DESCRIPTION (Change/ Add):</u></b></p> <p>Relocate the existing HVAC equipment (Heating/Ventilation, Air Conditioning) panel from the Mezzanine Electrical Gear area to the north wall of the main Pump Level floor # 1.</p>	LS	ea.	\$95,229.33	\$95,229.33	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 25

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
25 -3	<p><b><u>REASON:</u></b></p> <p>The HVAC Control panels service the Bio-Trickling Filter, the Wet Well Exhaust and Make-up Air Fans, the Dry Well Supply and Exhaust Fans, the Gas Detection Monitoring equipment, Drywell Entry and Exit requests, and various related Alarm Horns and Beacons; as such the panels are a critical component of the facilities control system. As an important segment of the electrical system upgrades, it was considered appropriate to relocate the Panel away from the Mezzanine area to a new location better suited to support the various functions previously mentioned.</p> <p>In addition, this relocation also serves to help "clear" the Mezzanine area for future planned improvements.</p> <p>Attachment: Walsh Construction PCI #970145</p>					
25 -4	<p><b><u>DESCRIPTION (CHANGE/ ADD):</u></b></p> <p>Furnish and install a fire rated pedestrian door with rated window glazing at the Door # 6 location (connecting the corridor between the existing NESPS Mezzanine area and the new Electrical Building).</p> <p><b><u>REASON:</u></b></p> <p>Evaluation of the connecting door at Location #6 indicated the existing door should be replaced with a fire rated door to ensure code compliance, and also to include a window to allow entrants to identify individuals who may be entering on the opposite side of the door, thereby avoiding "pedestrian collisions". The existing door will be salvaged for re-use elsewhere in the facility.</p> <p>Attachment: Walsh Construction No.970147</p>	LS	ea,	\$ 2,781.23	\$2,781.23	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 25

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
25 -5	<p><b><u>DESCRIPTION: (Extra/ Add):</u></b></p> <p>Provide testing and formal certification for the MSA (Mine Safety Appliances) fall protection device on the NESPS roof access ladder (Low roof to High roof).</p> <p><b><u>REASON:</u></b></p> <p>The recently installed fabricated steel access ladder fall protection device requires inspection and certification as described in OSHA Standard 1910, 140 (Personal Fall Protection Systems). Certification involves testing and inspection by Qualified Fall Protection personnel, and in this case will be provided by the specialized "Diversified Fall Protection Co." of Cleveland, OH.</p> <p>Attachment: Walsh Construction PCI No. 970149</p>	LS	Ea.	\$ 3,611.36	\$3,611.36	-0-
25 -6	<p><b><u>DESCRIPTION (Change/ Delete):</u></b></p> <p>Provide credit for revisions to the proposed power feed to the Ovation RTU and UPS.</p> <p><b><u>REASON:</u></b></p> <p>A clarifying response to RFI # 151 resulted in the deletion of a previously anticipated feed from a DC panel to alternative Ovation sources.</p> <p>Attachment: Walsh Construction PCI No. 970150</p> <p align="center">*****</p> <p><b>End of Change Order No. 25 Line Items</b></p>	LS	Ea.	(\$36.79)	-0-	(\$36.79)

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 25

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	Summary, Change Order # 25 Line Items				Amount Increase	Amount Decrease
				Totals	\$279,009.16	(\$36.79)
				Net Changes (Increase)	\$278,972.37	-----

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OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 25

Prepared By: Lawrence T. Gilbert Date: 08-08-2022  
Lawrence T. Gilbert, P.E.  
NTH Consultants, Ltd.

Recommended By: John Michalski Date: 8/10/2022  
John Michalski, P.E.  
Engineer of Design, Applied Science, Inc.

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Joel Brown, P.E.  
Project Manager, WRC

Approved By: Stephen Downing Date: 8/12/2022  
Stephen Downing  
Construction and Maintenance Manager, Macomb County Public Works

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

Approved by: Steven Korth Date: Aug. 17, 2022  
Steve Korth, P.E.  
Manager, WRC

All of Construction Manager'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 Construction Manager agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by: Stephan Benjamin Date Aug-08-2022 | 8:43 AM CDT  
DocuSigned by: 588F73D6A09D443  
Title vice President

of: Walsh Construction Co. II, Inc.

The Construction Manager 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. 25 was approved by the Drainage Board on: \_\_\_\_\_ Date: \_\_\_\_\_  
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## Attachment No. 1 to Change Order No. Twenty-Five

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

*Contract Status Summary*  
Change Order No. Twenty-Five  
OMID NESPS Pump & Electrical Upgrades Project

*Construction Manager at Risk: Walsh Construction Co. II*

Project Award Date (Pre-Construction Services)	December 16, 2019
Notice to Proceed Date (Construction Phase)	October 23, 2020
Contract Substantial Completion Date	March 24, 2023
Contract Final Completion Date	June 23, 2023
Original GMP Contract Value (Including Control Structure 9)	\$ 42,863,185.19
Pre-Construction Phase, Unused Budget	\$ 70,196.70
C.O. Values, # 7, 8, 9, 10, 11, 12, 13, 14, 15,16, 17,18, 19, 20, 21,22, 23, and # 24 ( <u>Not Including</u> CS-9 C.O. total of \$ 63,100.29)	\$ 46,695,561.73
Change Order Value, this C.O. # 25	\$ 278,972.37
<b>Adjusted GMP Contract Value (incl. this C.O. # 25)</b>	<b>\$ 46,974,534.10</b>

**CHANGE ORDER NO. 1**

Oakland-Macomb Interceptor Drain Drainage District Board  
 For Construction of the OMID CS-9 Hatch Cover Damage Repair (Contract #5977)  
 Located in City of Detroit, Wayne County, MI

CONTRACTOR: Walsh Construction Company II, LLC  
 Address: 3031 West Grand Blvd. Ste. 640  
Detroit, MI 48202

Authorization for Changes In and Extras to Contract  
 Change Order No: 1 Date: 7/10/2022


Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease	
1-1	<p><b>LOCATION:</b></p> <p>CS-9 and approximately 1400 feet of downstream of PCI-5</p> <p><b>DESCRIPTION:</b></p> <p><b>(Change/Add):</b></p> <p>Grant Walsh authorization to proceed with repair of damage to the CS-9 fiberglass walkways and PCI-5 HOBAS liner downstream of CS-9, in accordance with their appended repair proposal, that occurred as a result of two CS-9 hatch covers dropping into the interceptor during work on the CS-9 Gate Design project.</p>	LS	1	\$507,481.00	\$507,481.00	-	
1-1	<p><b>REASON:</b></p> <p>On August 31, 2022, during startup activities related to the CS-9 Gate Design project, two CS-9 hatch covers were inadvertently left unbolted upon conclusion of the day's activities. The hatch covers ultimately became dislodged from the frame and fell into the interceptor between August 31, 2022 and Septemeber 1, 2022 causing damage to the PCI-5 HOBAS liner within the first 1400 feet downstream of CS-9 (see appended NTH Daily Field Report dated 9/10/2021). An insurance claim, #KY21K2817628 was made under the OCIP Builder's Risk Policy #I11175077001 issued by ACE American Insurance Company (ACE). Walsh's submitted repair costs, totaling \$532,481 and attached to this change order, were ultimately accepted by ACE, less a \$25,000 deductible to be paid by Walsh, (see appended Proof of Loss Sworn Statement) in addition to construction observation costs by NTH Consultants, Inc for a total of \$59,500 (work to be issued separately from Walsh). A check will be issued to OMIDDD to disburse the balance of \$507,481 to Walsh as the repairs are made. This effort is being facilitated under a different project to avoid capitlizing these costs against the installed CS-9 gate infrastructure, as they are repair efforts to existing work and not part of the CS-9 Gate Design.</p>						
					Item A Total	\$507,481.00	\$0.00
					Total	\$507,481.00	



Change Order

CHANGE ORDER NO. 1

Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID CS-9 Hatch Cover Damage Repair (Contract #5977)

Prepared by:  Date: 8/9/2022  
WRC: Joel Brown, P.E., Chief Engineer

Recommended by:  Date: 8/3/2022  
Applied Science John Michalski, P.E., Vice President

Approved by:  Date: 8/9/2022  
MCPWO Manager: Stephen Downing (Construction & Maintenance Manager)

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
WRC Manager: Sid Lockhart, P.E. (Special Projects Manager)

Approved by:  Date: Aug. 17, 2022  
WRC Manager – Steven Korth, P.E.

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

Accepted by:  Date: Aug-02-2022 | 7:36 AM CDT  
Title 598F73D6A89D445  
Vice President

of: Walsh Construction II, LLC

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

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



September 9<sup>th</sup>, 2021

Mr. Sal Saputo  
**Meadowbrook Insurance Group**  
26255 American Drive  
Southfield, MI 48034  
Salvatore.Saputo@Meadowbrook.com

**RE: OMID CS-9**  
**Notification of a Potential Builder's Risk Claim**

Dear Mr. Saputo,

Walsh is notifying Meadowbrook Insurance Group of a potential claim to the OCIP Builder's Risk policy. The event location is 12601 Ten Mile Road, Warren Michigan 48089. This event occurred between Tuesday August 31<sup>st</sup> 2:30pm and Wednesday September 1<sup>st</sup>, 10am. We believe the cost of this claim will exceed the \$25,000 deductible.

This event involves two of the shaft hatch covers being lifted by air pressure in the interceptor and then falling into the shaft / interceptor. The platform railing and concrete were damaged. Damage to the pipe liner has not been verified.

Mobilization of equipment and manpower was done on September 1<sup>st</sup> to secure the site. Further work will occur September 10<sup>th</sup> in an attempt to recover the lids and verify the extent of damage. The scope of repair work still needs to be quantified. Costs will be manpower, equipment rental, fiberglass handrail, fiberglass grating, concrete repair, and others if the investigation discovers more damage.

I will be the contact for this claim. Please contact me with questions and clarification.

Very truly yours,

**WALSH CONSTRUCTION COMPANY II, LLC**

**Dave Pauline**  
Digitally signed by Dave Pauline  
Date: 2021.09.09 09:44:35-04'00'

David Pauline  
Project Manager  
[dpauline@walshgroup.com](mailto:dpauline@walshgroup.com)

cc: (file)



March 15<sup>th</sup>, 2022

Joe Andrews, CLCS  
Executive General Adjuster  
Engle Martin & Associates  
Macomb, Michigan 48042  
[jandrews@englemartin.com](mailto:jandrews@englemartin.com)

**RE: OMID CS-9 HOBAS® Repair Budget**

To Mr. Andrews,

Walsh is providing the estimated costs to repair the HOBAS® Liner at the Control Structure CS-9 caused by the lid damage. Based on contractor information they provided the estimated cost is \$532,481. This is a budget based on the following scope of work.

Repair of the Hobas liner will require shaft access with a crane access, safety equipment, and generator. The duration estimate is 15 working days, allowing for weather days or flow control limitations included in this total. The work will consist of the liner repair team and this with access, it will also require a top-side safety person, top side support crew (2) and the crane operator. The tentative plan is to perform this repair starting spring of 2022.

Repair of the fiberglass handrail will require the same shaft access with an estimated duration of 10 days, with 2 additional days to be counted as a weather day. A crew of 2 people will remove and install new handrail to replace the damaged sections. Shaft access will require a top safety person, top side support crew (2) and the crane operator. This work will follow the liner repair and is contingent upon the material order / delivery. The lack of availability of the resin required for the handrail will require extended lead time and not allow the duplication use of the crane.

Costs have been incurred starting with the activity September 1<sup>st</sup>, 2021, and the activity spent searching for the lids September 10<sup>th</sup>, 2021. Later in December, a site walk was completed with several parties involved to determine the scope of work.

Walsh will track and manage costs to provide the best value to the client and provide documentation for this work throughout the repair.

Very truly yours,

**WALSH CONSTRUCTION COMPANY II, LLC**

David Pauline  
Project Manager  
[dpauline@walshgroup.com](mailto:dpauline@walshgroup.com)

cc: Joel Brown (WRC), Larry Gilbert (NTH), (file)

**CS-9 REPAIR  
BUDGET PRICING**

### Cost Budget Summary

<b>Contractor:</b>	Walsh Construction	<b>by:</b> D. Pauline
<b>Project:</b>	OMIDDD CS-9 HOBAS Liner Repair	
<b>Estimate Number:</b>	1	
<b>Description of Work</b>	Budget for : Repair the Interceptor Liner and platform handrail.	

#### (1) Labor

Name / Position	Straight Time	Straight Time	Straight Time	Overtime	Overtime	Overtime	Total Labor Cost	
	Manhours	Labor Cost	Rate	Labor Cost	Manhours	Rate		
Mike Matyaszek	236.0	\$ 101.34	\$ 23,916.24	4.0	\$ 128.60	\$ 514.40	\$ 24,430.64	
Project Manager	232.0	\$ 185.34	\$ 42,998.88	0.0	\$ 125.60	\$ -	\$ 42,998.88	
Dave Pauline - PM	30.0	\$ 185.34	\$ 5,560.20	0.0	\$ 185.34	\$ -	\$ 5,560.20	
Ankur Patel - SUP	34.0	\$ 149.83	\$ 5,094.22	0.0	\$ 149.83	\$ -	\$ 5,094.22	
Mike Graziano - PE	35.0	\$ 117.60	\$ 4,116.00	0.0	\$ 117.60	\$ -	\$ 4,116.00	
Christian Biolchini - QL	26.0	\$ 117.60	\$ 3,057.60	6.0	\$ 117.60	\$ 705.60	\$ 3,763.20	
	593.0	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	
Subtotals:							\$ 85,963.14	
<b>(1) Labor Total</b>							<b>\$ 85,963.14</b>	

OMID NESPS  
Pumping and Electrical System Upgrades

<b>(2) Materials Summary</b>				
Material Description	Unit Price	Total Quantity		Total Material Cost
Acrylamide grout - gallon	\$ 22.00	5		\$ 110.00
			Material Subtotal	\$ 110.00
			Tax 6%	\$ 6.60
			Material Mark-Up 15%	\$ 17.49
			<b>(2) Material Cost</b>	<b>\$ 134.09</b>

<b>(3) Equipment</b>						
Item	Rate	Duration	Days	Total Equip. Cost	Remarks	
EQUIPMENT USING FUEL AND LUBE						
<b>United Rental</b>	<b>\$ 7,154.47</b>			<b>\$ 7,154.47</b>	<b>Cost already realized</b>	
Jay's Septic	\$ 600.00	Delivery / Removal / month rental		\$ 600.00		
<b>LGH</b>	<b>\$ 5,801.21</b>			<b>\$ 5,801.21</b>	<b>Cost already realized</b>	
<b>Dunham's - (Wadders)</b>	<b>\$ 109.69</b>			<b>\$ 109.69</b>	<b>Cost already realized</b>	
LGH - Manbasket Rental	\$ 550.00	6 weeks		\$ 3,300.00		
				\$ -		
			<b>Equipment Subtotal</b>	<b>\$ 16,965.37</b>		
			<b>Equipment Mark-Up 15%</b>	<b>\$ 2,544.81</b>		
			<b>(3) Equipment Total</b>	<b>\$ 19,510.18</b>		



## MANPOWER

STAIKHT TIME	Mike Matyaszek	Project Manager	Dave Pauline - PIM	Ankur Patel - SUP	Mike Graziano - PE	Christian Biolchini - QL	
8-Sep	8						
1	8	8					
2	8	8					
3	8	8					
4	8	8					
5	8	8					
6	8	8					
7	8	8					
8	8	8					
9	8	8					
10	8	8					
11	8	8					
12	8	8					
13	8	8					
14	8	8					
15	8	8					
16	8	8					
17	0	8					landscape
18	0	8					landscape
		8					landscape
9/1/21			8	8	8	2	
9/3/21			8	8	8	8	
9/4/21	4						
9/10/21	8		8	8	8	8	
11/10/21	8		4	8	8	6	
12/2/21			2	2	3	2	
1	8	8					FRP only Days
2	8	8					FRP only Days
3	8	8					FRP only Days
4	8	8					FRP only Days
5	8	8					FRP only Days
6	8	8					FRP only Days
7	8	8					FRP only Days
8	8	8					FRP only Days
9	8	8					FRP only Days
10	8	8					FRP only Days
<b>Total</b>	<b>236</b>	<b>232</b>	<b>30</b>	<b>34</b>	<b>35</b>	<b>26</b>	



## VENDORS

Invoice	Vendor	Cost
	Acrylamide grout - gallon	\$ 22.00
<b>Total</b>		<b>\$ 22.00</b>

Invoice	Vendor	Cost
<b>Total</b>		<b>\$ -</b>

## EQUIPMENT

Invoice	Item	Cost
197511959-002	United Rental	3040.08
197511959-003	United Rental	1431.00
197511959-004	United Rental	-477.00
199199392-001	United Rental	1275.18
200080010-002	United Rental	1673.21
199199392-003	United Rental	212.00
<b>Total</b>		<b>7154.47</b>

DATE	Equipment	Hours
	Jay's Septic	600.00
<b>Total</b>		<b>600.00</b>

Invoice	Vendor	Cost
6000194556	LGH	2400.90
6000197963	LGH	2332.00
6000202681	LGH	1068.31
<b>Total</b>		<b>5801.21</b>

Invoice	Vendor	Cost
	Dunham's - (Wadders)	109.69
<b>Total</b>		<b>109.69</b>

Invoice	Vendor	Cost
	Scotty's Potties	\$ 120.00
<b>Total</b>		<b>\$ 120.00</b>

Invoice	Vendor	Cost
	LGH - Manbasket Rental	
	weekly = \$550	550.00
<b>Total</b>		<b>550.00</b>

Invoice	Sub	Cost
	DeCal Mechanical	\$ 11,277.00
Total		\$ 11,277.00

Invoice	Sub	Cost
	Ross Structural Steel - Road Plate	\$ 3,342.00
Total		\$ 3,342.00

Invoice	Sub	Cost
	Hobas Inspector	\$ 1,000.00
	Hobas Tech	\$ 900.00
Total		\$ 1,900.00

Invoice	Sub	Cost
	Hobas travel per wee	\$ 3,800.00
Total		\$ 3,800.00

Invoice	Sub	Cost
	Doetsch Crane	\$ 2,667.00
Total		\$ 2,667.00

Invoice	Sub	Cost
	Handrail Crane	\$ 2,667.00
Total		\$ 2,667.00

Unit	Sub	Cost
	Doetsch repair crew	\$ 5,400.00
	Doetsch standby crew	\$ 2,800.00
Total		\$ 8,200.00

Invoice	Sub	Cost
	Hobas Material	\$ 5,200.00
Total		\$ 5,200.00

Invoice	Sub	Cost
	Doetsch Layout	\$ 6,200.00
Total		\$ 6,200.00

Invoice	Sub	Cost
	Ross Structural Steel - Handrail	\$ 130,170.00
Total		\$ 130,170.00

Invoice	Sub	Cost
	Christman - Landscaping	\$ 17,772.00
Total		\$ 17,772.00

# Doetsch

ENVIRONMENTAL SERVICES  
21221 Mullin Ave. Warren MI 48089

March 15, 2022

Dave Pauline  
Walsh Construction  
3031 West Grand Blvd  
Suite 640  
Detroit MI 48202

Re: CS-9 Hobas repairs

Mr. Pauline,

Doetsch Environmental Services will provide necessary cleaning equipment to make safe entry and repair Hobas pipe as directed

- Entry coordination with OMIDD/MIDD/Metco
- Entry will be made into CS-9 via boom truck and man basket
- Pipe will be temporarily, partially bulkheaded to control water from gate.
- Resulting water will be pumped back over bulkhead
- Repair methods as outlined by Hobas
- Repair of grout ports may require additional acrylamide grouting of ports.

#### Pricing:

Per day price for men, pumps, bulkheads and ventilation: \$5,400 per day  
Stand by price: \$2,800 per day  
Repair materials and equipment as outlined by Hobas: \$5,200.00 lump sum  
Acrylamide grout if required: \$22.00 per gallon  
**Boom truck with operator: \$2,667.00 per day**  
Manbasket: Price to be added by Walsh

#### Duration:

Estimated days: 10 based on repairs above the flowline and grout ports.  
Contingency: 5 days based on unknown condition under flowline

#### Optional preliminary investigation:

Close gate, ventilate, set sandbag wall and pump water over bulkhead to dewater work area. Use existing MH for access (no boom truck), dewater pipe and count and paint mark defects prior to repair operation: \$6,200 lump sum

Thank you for the opportunity to be of service,

A handwritten signature in blue ink, reading "Joseph A. Schotthoefer". The signature is written in a cursive style with a small flourish at the end.

Joe Schotthoefer

Doetsch Environmental Services



ROSS STRUCTURAL STEEL, INC.

110 E. Robinwood  
Detroit, MI 48203

(313) 893-7877

February 24, 2022

Dave Pauline  
Walsh Construction Co.  
3031 West Grand Boulevard  
Suite 640  
Detroit, MI 48202  
Ph: 313-456-6521 Fax: 313-873-6633

RE: Change Request 17  
9445 OMID NE Sewage Pump Station

Dear Dave Pauline:

We are pleased to offer the following specifications and pricing to make the following changes:

CRX #17 - CS-9 FRP Replacement

Remove and dispose of all existing FRP handrail and FRP grating.

Furnish and install new FRP handrail and FRP grating.

Generate and submit shop drawings for new FRP system.

Note on the submittal that Due to unreasonable costs, the material will be modified as needed no field measurements will be done prior to fabrication. Additional pieces included to facilitate this method. If there is a continuous length of handrail that would be best not spliced, it will be ordered longer as the as-built condition of the concrete may be different than shown.

The intent is to allow access shared with the activity of the pipe liner repair as indicated in the schedule provided here. This access would then be provided for you.

The Ross team is to provide all personal safety items, including but not limited to, harnesses, personal gas monitors and standard PPE.

We have considered that our lead will spend 4 hours in LOTO training and then need to be able to lock out the system for flow control (in concert with other doing the same activity). This LOTO activity will delay the start of install about 2 hours.

Ross is to issue a shutdown request for the work.

Ross understands precipitation controls availability of the space, meaning we may be able to work there 3 days out of 5 in a week.

EXCLUSIONS:

1. Replacement of structural steel or anchors.
2. Shaft ventilation or Odor Control Monitoring.
3. Precast removal and reinstallation.
4. Bonds, Permits, Inspections.
5. Furnish or install temporary cover at end of each shift.
6. On-Site confined rescue team.
7. Site Security.
8. Temporary Railings.



ROSS STRUCTURAL STEEL, INC.

110 E. Robinwood  
Detroit, MI 48203

(313) 893-7877

9. Owner Controlled Insurance Program.

10. Replacement of Manhole Rungs.

11. Electrical Power.

QUALIFICATIONS:

1. Due to information provided by FRP manufacturer, Fibergrate has informed us that shop drawings are 4-5 weeks after receipt of order, procurmenet is 6-7 weeks after shop drawing approval. Installation is approx 3 weeks. \*Due to shortage in FRP resins, FRP procurement timing may vary at time of order.

2. Our erector, Titus Welding Company, agrees to carry worker's compensation and public liability insurance and to pay all taxes on labor and material furnished under this contract modification.

The total amount to provide this work is ..... 130,170.00

Please refer to attached sheets for details. If you have any questions, please contact me at (313) 893-7877.

Sincerely,

Charles Buhagiar  
Ross Structural Steel Inc.



## ROSS STRUCTURAL STEEL, INC.

110 E. Robinwood  
Detroit, MI 48203

(313) 893-7877

### Change Request 17 Price Breakdown Continuation Sheet

**Description:** CRX #17 - CS-9 FRP Replacement

We are pleased to offer the following specifications and pricing to make the following changes:

Remove and dispose of all existing FRP handrail and FRP grating.

Furnish and install new FRP handrail and FRP grating.

Generate and submit shop drawings for new FRP system.

Note on the submittal that Due to unreasonable costs, the material will be modified as needed no field measurements will be done prior to fabrication. Additional pieces included to facilitate this method. If there is a continuous length of handrail that would be best not spliced, it will be ordered longer as the as-built condition of the concrete may be different than shown.

The intent is to allow access shared with the activity of the pipe liner repair as indicated in the schedule provided here. This access would then be provided for you.

The Ross team is to provide all personal safety items, including but not limited to, harnesses, personal gas monitors and standard PPE.

We have considered that our lead will spend 4 hours in LOTO training and then need to be able to lock out the system for flow control (in concert with other doing the same activity). This LOTO activity will delay the start of install about 2 hours.

Ross is to issue a shutdown request for the work.

Ross understands precipitation controls availability of the space, meaning we may be able to work there 3 days out of 5 in a week.

#### EXCLUSIONS:

1. Replacement of structural steel or anchors.
2. Shaft ventilation or Odor Control Monitoring.
3. Precast removal and reinstallation.
4. Bonds, Permits, Inspections.
5. Furnish or install temporary cover at end of each shift.
6. On-Site confined rescue team.
7. Site Security.
8. Temporary Railings.
9. Owner Controlled Insurance Program.
10. Replacement of Manhole Rungs.
11. Electrical Power.





**ROSS STRUCTURAL STEEL, INC.**

110 E. Robinwood  
 Detroit, MI 48203

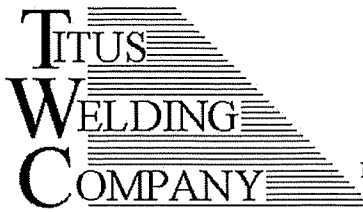
(313) 893-7877

QUALIFICATIONS:

1. Due to information provided by FRP manufacturer, Fibergrate has informed us that shop drawings are 4-5 weeks after receipt of order, procurement is 6-7 weeks after shop drawing approval. Installation is approx 3 weeks. \*Due to shortage in FRP resins, FRP procurement timing may vary at time of order.

2. Our erector, Titus Welding Company, agrees to carry worker's compensation and public liability insurance and to pay all taxes on labor and material furnished under this contract modification.

Work performed by us:				
Description	Quantity	Unit	Unit Price	Price
Project Management	40.00	Hours	\$125.00	\$5,000.00
			<b>Subtotal:</b>	\$5,000.00
Work performed by subcontractors:				
Description	Quantity	Unit	Unit Price	Price
Erection (Titus Welding Co.)	1.00	lump sum	\$118,496.00	\$118,496.00
			<b>Subtotal:</b>	\$118,496.00
			<b>Subtotal:</b>	<b>\$123,496.00</b>
		Overhead/Profit		\$6,674.00
			<b>Total:</b>	<b>\$130,170.00</b>



MISCELLANEOUS STEEL FABRICATORS & INSTALLERS OF WASTE WATER TREATMENT EQUIPMENT  
20750 SUNNYDALE AVE. FARMINGTON HILLS, MI 48336 OFFICE PHONE: (248) 476-9366 FAX: (248) 476-9223

February 11, 2022

Ross Structural Steel, Inc  
110 E. Robinwood Road  
Detroit, Michigan 48203

Attn: Charles L. Buhagiar

Re: CS-09 Fiberglass Platform Replacement

Mr. Buhagiar,

Thank you for inviting us to quote the replacement of the fiberglass reinforced plastic (FRP) platform within Control Structure No. 9. Our quote is based upon the information included in your email dated February 7, 2022 and includes:

- Remove and dispose of all existing FRP handrail and FRP grating.
- Furnish and install new FRP handrail and FRP grating.
- Submit the shop drawing for the entire FRP system.
- Note on the submittal that "Due to unreasonable costs, the material will be modified as needed – no field measurements will be done prior to fabrication."
- The access will be shared with the activity of the pipe liner repair.
- All personal safety items, including but not limited to, harnesses, personal gas monitors and standard PPE.
- We have considered our lead will spend 4 hours in LOTO training and then need to be able to lock out the system for flow control (in concert with other doing the same activity). We understand this LOTO activity will delay the start of install about 2 hours.
- We understand the owner typically needs locks off by 4pm; and that weather may demand this occur earlier.
- We understand a shutdown request for the work will be necessary and will coordinate with RSS.
- We understand due to the nature of the work, precipitation controls availability of the space. This means we may only be able to work 3 days out of 5 in a week.

Lump Sum Price: \$118,496.00

Below, please also find our exclusions:

Replacement of structural steel or anchors  
Shaft ventilation or Odor Control or monitoring  
Precast removal and reinstallation  
Bonds, Permits or Inspections

DISTRIBUTER/FABRICATOR

**STRONGWELL**

Fiber Glass Company

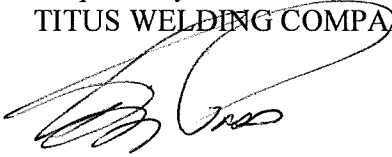
Furnish or install of temporary cover at end of each shift  
On sit confined space rescue team  
Site security  
Temporary railing around shaft opening  
Owner Controlled Insurance Program  
Liquidated or consequential damages  
Replacement of manhole rungs  
Electrical power

We take exception to the schedule supplied with your February 7, 2022 email. The schedule provided is not consistent with the information received from the FRP manufacturer. Fibergrate has informed us shop drawings are estimated to arrive 4 to 5 weeks after receipt of an order; and procurement is 6 to 7 weeks after shop drawing approval. Installation is estimated to take 3 weeks. A duration is also typically allocated for shop drawing approval time.

Titus Welding Company agrees to carry worker's compensation and public liability insurance and to pay all taxes on material and labor furnished under this contract as required by federal laws and of the state in which this work is performed.

Feel free to contact us with any questions or comments. Thank you for the opportunity to be part of this project.

Respectfully Submitted,  
TITUS WELDING COMPANY



Brian Pass

**ACCEPTANCE**

You are hereby authorized to furnish all material, equipment and labor to complete the work described in the above Proposal, for which the undersigned agrees to pay the amount stated in the same Proposal and per the terms thereof.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Of: \_\_\_\_\_



# HOBAS REPAIR PROCEDURE

## LAMINATION TRAINING VIDEO OUTLINE AND SCRIPT

- Intro
- What you need:
  - PPE
  - Materials
  - Tools/supplies
- Surface Preparation
  - Making Putty Filler
  - Initial Grinding
  - Catalyzing Putty/Filling gaps
  - Touch-up grinding and cleaning
- Lamination
  - Catalyzing Resin in tub
  - Wetting out lamination ‘sandwiches’
  - Applying and rolling out lamination ‘sandwiches’
- Closing

### **INTRODUCTION**

This video will cover the general lamination process that HOBAS Pipe USA uses for a variety of things, including fitting fabrication and field repairs. Specific lamination specifications detailing exactly what size, how much bond area, and how thick the lamination should be for any particular field application should be requested from HOBAS Pipe USA Field Service.

### **WHAT YOU NEED**

This section of the video will cover PPE, materials, and supplies you will need for field laminations. These lists can be found at [www.hobaspipe.com/downloads](http://www.hobaspipe.com/downloads).

#### **PPE**

- Disposable coveralls – typically Tyvek material, but if Tyvek is not available, painter’s coveralls can be used. Integrated hoods into the coverall help keep the neck clean, but if those aren’t available, ‘spray socks’ or rags can be used to protect the neck.
- Work gloves – can be used for setup and grinding. Standard leather work gloves
- Rubber gloves – will be use for chemical handling portions of the process. Should be thick enough to not deteriorate with the chemicals. Keep in mind, the thicker the glove, the faster your hand will fatigue manipulating things with it on.
- Eye protection – safety glasses at a minimum. Goggles are ok as long as they don’t fog up. Face shield during grinding and overhead work can provide additional protection to the eye and face areas.
- Respirator – half face cartridge respirator is what we use at our facility. Quality dust mask or full face respirators are acceptable as well. Note that half face and full face respirator fitting should be certified.

## Materials

- Resin – Polyester or Vinylester, depending on what is used for the pipe on your job, but mostly Polyester. We have information on acceptable resin suppliers – please contact us for details.
- Catalyst – typically MEKP, but others are sometimes provided. Please contact us for details.
- Fiberglass – for simplicity in the field, we use 1.5 oz/sq.ft chopped strand mat for all of our field lamination work. This typically comes in wide rolls from a supplier. If they can cut it to width, the most useful widths we use are 8”, 10”, 12”, and 14”. Wider than 14” can be difficult to work with due to the size. Most of what we use is 10” wide material for most joints that need lamination work. We typically cut 24” long sheets, which results in a size that is manageable inside most pipe sizes. For 30” pipes, shorter sheets are commonly used.
- Fumed Silica Powder – Typical brands are Aerosil and Cabosil. This is extremely lightweight powder for mixing with resin to make the filler putty that will fill in any gaps that need to be filled or to ramp out any abrupt steps across the area to be laminated.
- Acetone – will be used to clean the bond area and to clean tools like rollers and putty knives
- Rags – for various purposes

## Tools and Supplies

- Grinder – 4” or 7” can be used. We use corded grinders most often, but have some cordless grinders as well. Note that cordless grinder batteries last a limited amount of time grinding on pipe, so they are better for smaller pipes.
- Grinding disks – we use 16-grit semi-flex abrasive discs. These are not generally available from local home improvement or hardware stores. Grainger should have an option or we can send some to you.
- Mud drill with long mixing bit
- 5-gallon buckets – several. These will be used for lowering and transporting tools and materials back and forth in the pipe
- Tubs – something similar to this. These can typically be found at local home improvement stores or Walmart. This is for mixing and holding resin. Should be deep enough to cover a typical paint roller.
- Grooved rollers – these will be used to roll the air out of the lamination and roll the lamination tight to the prepared surface. These should be 3”-4” wide. There are 2 main types – barrel rollers are curved and are used inside the pipe on the ID and straight rollers are used on the OD of the pipe.
- Paint roller frame and covers – the same 9” wide roller frames you can find at nearly any store are what we use. Roller covers should be 3/8” nap.
- Putty knives – 3” and 4” wide putty knives. Other sizes might be necessary depending on what you are doing.
- Plywood – this will be used to make a flat ‘wet-out’ workspace in the pipe. These are typically 2’ deep and the width will depend on the pipe size. The corners are sometimes cut off at 45-degree angles as shown here to help maneuver the board into place inside the pipe.

## **SURFACE PREPARATION**

This section of the video will cover all the steps needed to prepare the surface for applying the lamination. This included mixing the resin and fumed silica to make filler putty, grinding the surface of the pipe, catalyzing the filler putty and filling gaps with it, and final touch-up grinding and cleaning.

### **Making Filler Putty**

NOTE: This material is optional. Some laminations have no gap or step to address and do not need any filler. Also, other material can be used as long as it dries completely can provides a smooth, firm surface over which the lamination can be rolled (overhead gap filling is the most challenging part). Alternative materials that have been used in the past include bondo, quickcrete, cement water plug, grout, drywall mud compound, and foam (florist foam can work – some foam dissolves with resin contact). Of all these materials, resin filler putty 'stick' in overhead gaps the best.

The filler putty we mix here will be used to fill in gaps and smooth out any steps in the surface that needs to be laminated. For this you will need PPE, resin, fumed silica, a clean bucket, mud drill, and mixing bit.

1. Put about 2-2.5 gallons of resin into a clean, empty bucket. Do not use more than 2.5 gallons of resin.
2. Fill most of the remaining space in the bucket with fumed silica.
3. Use the mud drill and mixing bit. Insert the mixing portion of the bit into the resin at the bottom half of the bucket and start at slow speed. If you use too high of a speed, you'll lose some of the very light powder from the top of the bucket. Mix until all fumed silica is mixed well into the resin.
4. Refill most of the remaining space in the bucket with more fumed silica and continue mixing per step #3
5. Repeat step #4 until it becomes the consistency of thick mashed potatoes. If this material is not thick enough, it will not stay in place overhead.
6. Cover this bucket and set aside until it is needed.

### **Initial Grinding of the Pipe Surface**

The lamination bonds best to a fiberglass surface. Neither the ID of the pipe nor the OD of the pipe are fiberglass surfaces – both have a protective layer at the surface. These surfaces should be ground to expose the glass layer of the pipe. Note that the glass layer should not be ground into, removing part of the glass layer of the pipe. For this step you will need PPE, grinder, and grinding disc(s).

Grind the surface of the pipe until you start seeing fibers on the surface. When you start seeing fibers on the ground surface, stop grinding that area. Note that the ID liner resin will grind very easily with the aggressive grinding discs. Keep your grinder moving while pressure is applied and take care to avoid grinding into the glass layer of the pipe.

Grind approximately ½"-1" beyond the required bond area. For a joint seal lamination this is about 5" wide on each pipe end. If your lamination requires more bond, grind wider as necessary. Grind the entire area that will be bonded to lamination.



## **Catalyzing Putty and Filling Gaps**

For this step you will need PPE, tub or cardboard sheet, putty knife, the resin filler putty we made earlier, and catalyst.

1. Take about ½ gallon of your filler putty and place it in a dishpan or on a large piece of cardboard.
2. Make an indentation at the top of the putty big enough to contain the amount of catalyst you need for the amount of putty you have. (consult catalyst mix ratios for your specific resin and catalyst from the supplier you purchased them from). Some resins will slightly turn colors as they are catalyzed, helping you identify when catalyst is mixed uniformly
3. Using a putty knife, mix the catalyst into the putty. Mix it well so the catalyst is evenly distributed throughout the putty. Depending on mixing ratio, environment temperature, and temperature of the resin material, working time after mixing is typically 10-40 minutes.
4. Using a putty knife, fill in the required areas. Any gaps ¼" and larger should be filled and any steps 1/8" and larger should be ramped out to a 4:1 ratio. The finished surface should be smooth.

## **Touch-up Grinding and Surface Cleaning**

For this step you will need PPE, grinder, grinding disc, clean rags, and acetone.

1. Once the placed putty is cured, lightly grind off any putty that is on the bond area of the pipe, ensuring that all bonding surfaces are properly ground and free of any contaminants.
2. Ensure all filled and ramped areas are smooth and ready for the lamination.
3. Take a clean rag with acetone on it and wipe off any grinding dust or any other contaminants on the lamination surface.
4. Ensure entire lamination bonding surfaces and all filled/ramped areas are completely dry and all putty filler is cured and cooled (no longer warm to the touch) – this is critical

## **LAMINATION**

This section of the video will cover the laminating process including catalyzing the resin, wetting out lamination 'sandwiches', and applying and rolling out of the lamination 'sandwiches'. These steps should be done immediately one after another – once the resin is catalyzed, you typically have 10-40 minutes of work time, similar to the resin filler putty. Set up your plywood work table at this time with your fiberglass sheets and resin tub, leaving a cleared area of about 12" deep X 24" wide. Make sure all the items necessary for all lamination steps are easily and quickly accessible. Together, this is best done as a 2-person process – one worker mixing resin and wetting out 'sandwiches' and another worker taking the sandwiches that are wet out and applying them and rolling them out while the wet-out worker starts on the next 'sandwich'

## **Catalyzing Resin**

For this step you will need PPE, resin, catalyst, clean tub, and either a paint roller frame (WITHOUT a cover) or a grooved roller (to stir with). Before this step is started, make sure you fully understand the entire lamination portion of the process and are prepared.

1. Fill the tub about ½ full of resin.

2. Add the correct amount of catalyst for the amount of resin you have in the tub. (consult catalyst mix ratios for your specific resin and catalyst from the supplier you purchased them from)
3. With a paint roller frame (WITHOUT a cover) or a grooved roller, stir the catalyst into the resin. Some resins will turn a slightly different color or shade as it becomes catalyzed.

### **Wetting out Lamination ‘Sandwiches’**

For this step you will need PPE, fiberglass sheets (cut to proper size), catalyzed resin (in tub), paint roller frame and cover, and plywood (with clean surface).

1. Install clean roller cover onto the roller frame (if it isn't already installed)
2. Dip the paint roller frame (with cover) into the catalyzed resin and paint the portion of board over which you will be wetting out sandwiches. This is roughly a 12" deep by 24" wide area, depending on how wide/long the sheets you will be using are.
3. Place one sheet of fiberglass onto the painted surface of the plywood board. Dip the paint roller/cover into the catalyzed resin and paint over the fiberglass sheet.
4. Repeat step #3 until 5 layers are wet out together on the board.

### **Applying and Rolling out Lamination ‘Sandwiches’**

For this step you will need PPE, the wet-out ‘sandwich’ from the plywood, and a grooved roller. For this step, the prepared surface MUST be completely clean and dry and free of contaminants.

1. With the paint roller and cover, paint the area for this set of sandwiches
2. With the frame edge of either the paint roller or grooved roller, peel up a corner of the sandwich and remove the sandwich from the plywood.
3. Apply the wet-out sandwich to the prepared and painted area. If overhead, the paint roller sometimes is the most effective tool to get the sandwich to initially stay in place enough to where you can start rolling it out. Make sure the intended minimum bond width is achieved on each side of the joint/seam/damage/etc.
4. With a grooved roller, roll out all air and bubbles from the placed sandwich. Too much pressure will squeegee out the resin and too little pressure will be insufficient to remove the air.
5. Repeat steps #2 - #4 to cover all the required lamination bonding surface for this sandwich layer. Each subsequent sandwich should overlap a minimum of 1" at the end/edge.
  - a. And extend 1" beyond last sandwich.
6. If this sandwich later finished all of your lamination needs, paint any remaining dry overgrind areas with catalyzed resin and once cured, consider your lamination complete.
7. If you require more sandwich layers, allow the current layer to cure and cool.
8. Once cured, lightly grind the lamination surface and clean per steps #3 and #4 in the "Touch-up Grinding and Surface Cleaning" portion.
9. Repeat previous steps until all sandwich layers are applied and any remaining dry overgrind areas are painted.

Once lamination is cured and cooled, it should be consistently hard to the touch and uniform in color and appearance.

**Closing**

This concludes our video for general lamination procedures for HOBAS pipes. If you have any questions or need further information our website is [www.hobaspipes.com](http://www.hobaspipes.com) or give us a call at 281-821-2200.

HOBAS PIPE USA

1413 Richey Road  
Houston, TX 77073

**Tel.: 281 821-2200**  
**Fax: 281 821-7715**

info@hobaspipe.com  
www.hobaspipe.com



## **General Reinforcement Lamination Procedures and Lamination Specifications for Joint Seals, Minor Liner Damage, and Damaged Grout Fittings**

### **Materials:**

Polyester resin with a 2.4% to 4% minimum ultimate flexural elongation to break suitable for hand lay-up work.

Curing agent (catalyst) for above resin(s).

1.5 oz./sq. ft. chopped strand mat (M), cut to specified width.

Fumed silica to make gap filler resin putty.

### **General Procedure:**

Assure that surface area of pipe to be bonded is completely dry.

Thoroughly clean area to be bonded to remove all dust, grease or other contaminating materials. Remove any items protruding inward past the original ID surface (this includes grout fitting portions protruding past the ID, if possible). Grind or sandblast through the pure resin interior surface or exterior sand layer to the glass layer.

Surfaces should again be cleaned to remove all dust from the area to be bonded.

Fill gaps with resin putty (properly catalyzed) and allow to cool. Any filler material can be used here as long as it completely dries and provides a solid backing on which the lamination can be rolled out.

Assure surface to be bonded is properly ground (full area), clean and dry.

Build ramps with a 4:1 slope or flatter to provide a smooth transition across surfaces that are misaligned more than 0.5".

Apply five (5) ply lay-up "sandwich" to cover the area to be reinforced or of the specified width, 360 degrees around and centered over the pipes to be connected. (Note: Fabrics must be wet-out with properly catalyzed resin.) Roll out tight to the surface, removing all air, etc. prior to gel of the resin. Overlap lay-up segments minimum 1".

Allow lay-up to cool until it is no longer hot to the touch. Repeat previous step until all 5-ply "sandwich" lay-ups have been applied. Note: each successive "sandwich" must be



extend at least 1" further in all directions so the edges of the fabrication have a natural 4:1 taper. Also, stagger lay-up segments so overlaps do not occur at the same locations.

After all lay-ups have been applied, paint all ground surfaces (not covered by lay-up) with catalyzed resin.

Allow lay-ups to cure at least 24 hours (preferably 48 hours) prior to exposure to water or new stresses.

### **General Criteria:**

All lay-ups shall begin and end with a mat ply.

All structural lay-ups shall be constructed with alternating mat-woven roving composition.

All lay-ups must be bonded to a glass layer in the pipe.

### **Joint Seal Lay-up Specification:**

Following lay-ups are for an internal seal across an undamaged joint with full structural integrity that will not have future differential movements:

5 plies of all mat (or alternating M-W) with a width of 8" plus the largest gap width (or plus any ramping due to misalignment), 360 degrees around, centered across the joint or area to be sealed.

### **Scrape/Gouge/Scuff Repair Specification:**

The following applies to minor liner damage (gouges, scratches or scuffs) that are deeper than the liner depth (0.040" to 0.080") or sand exterior depth (on OD) in non-pressure service piping where there is NO pipe wall fracturing in the affected area:

For damage with depth of ~1/8" or less: Sand smooth (sanding disc on grinder works well) the affected area and coat with epoxy.

For damage deeper than ~1/8": Grind the adjacent area to the damage at least 4" past the edge of the damage in all directions. Replace the gouge/scuff depth with a lamination over the ground area. Lamination thickness should match the damage depth (each ply of mat ~0.040" thickness, so ~1/2" damage depth should receive ~12 ply lamination). For anything deeper than 1/2" you should contact HOBAS for further assessment.



### **Damaged Grout Fitting Repair**

If possible, remove the portion of the grout fitting protruding past the original pipe ID. Stop any leak and follow the general procedure, using the following lamination specification:

- 1st “sandwich” - 5 plies (all mat, or alternating M-W) with an area of the grout fitting hole, plus at least 4” in each direction.
- 2nd “sandwich” - 5 plies (all mat, or alternating M-W) that extends 1” past the 1<sup>st</sup> “sandwich” in each direction.

If the grout fitting flange cannot be removed, flatten the area as much as possible with grinding and finish flattening and ramping with resin putty. Then, following the general procedure, using the following lamination specification:

- 1st “sandwich” - 5 plies (all mat, or alternating M-W) with an area of the grout fitting and surrounding ramp, plus at least 4” in each direction.
- 2nd “sandwich” - 5 plies (all mat, or alternating M-W) that extends 1” past the 1<sup>st</sup> “sandwich” in each direction.
- 3rd “sandwich” - 5 plies (all mat, or alternating M-W) that extends 1” past the 2<sup>nd</sup> “sandwich” in each direction.

**COSTS to DATE**



DE-CAL, INC.

De-Cal, Inc. Job Number: 120022      PCO#: 9  
 Customer Change #: Pending  
 Issue/RFI/Transmittal Number: Walsh Request  
 De-Cal Quote Number: 120022-9  
 Date: 9/1/2021      Short Description: CS9 - Shaft Entry Support for Walsh

SUPPORT on Dates: 9/1, 9/10, 10/14

**Bulletin Quotation Summary**

Trade	Spilt/Add	Straight Time		1-1/2 Time		Double Time		Subtotals	2nd Shift <input type="checkbox"/>
		ST-MH	ST Rate	OT-MH	OT Rate	DT-MH	DT Rate		
Pipefitter/Plumber	0.0%	0	\$ 96.74	4	\$ 128.31	2	\$ 154.25	\$ 822	
Gen Foreman	0.0%	0	\$ 106.76	2	\$ 138.47	1	\$ 164.89	\$ 442	
<b>Plumber-Laborer-Supervision</b>								LABOR SUBTOTAL:	\$ 1,264
								LABOR MARK-UP:      0%	\$ -
								<b>LABOR TOTAL:</b>	<b>\$ 1,264</b>

**Rentals/Miscellaneous**

Item	Subtotals	Mark-up	Subtotals
Rentals Recap	\$ 4,610	10%	\$ 5,071
Miscellaneous Recap	\$ 550	10%	\$ 605
<b>RENTALS/MISC. SUBTOTAL:</b>			<b>\$ 5,676</b>
Sales Tax      6%			\$ 341
<b>RENTALS AND MISCELLANEOUS TOTAL:</b>			<b>\$ 6,017</b>

**SUBCONTRACTORS**

Name	Trade	Amount
Larmamie Invoice #60066824 (9/10 Rental - Crane #2)		\$ 1,699
Laramie Invoice #60066957 (10/14 Rental - Crane #2)		\$ 2,108
<b>SUBS TOTAL:</b>		<b>\$ 3,807</b>
SUBS MARK-UP:      5%		\$ 190
<b>SUBS TOTAL:</b>		<b>\$ 3,997</b>

**SUBTOTAL AMOUNT: \$ 11,277**

**TOTAL AMOUNT \$ 11,277**





**DE-CAL, INC.**

De-Cal, Inc. Job Number: 120022  
Customer Change #: Pending  
Issue/RFI/Transmittal Number: Walsh Request  
De-Cal Quote Number: 120022-9  
Date: 9/1/2021

**Rentals (2021)**

Description	Quantity	Unit	Price / Unit	Subtotal
De-Cal Boom Truck - W/ Operator on (9/1) - 2OT @ \$232.50 / 1hour DBLT @ \$285.00	1	Total	\$ 750	\$ 750
De-Cal Boom Truck - W/ Operator on (9/10) - 8ST @ \$155	1	Total	\$ 1,240	\$ 1,240
De-Cal Boom Truck - W/Operator on (10/14) - 8ST @ \$155	1	Total	\$ 1,240	\$ 1,240
Man-Basket 2 Man - \$200 per day	3	Days	\$ 200	\$ 600
4 Gas Meters - \$100.00 per day	3	Days	\$ 100	\$ 300
Breathing Air Survivor Packs (QTY: 4) - \$40 ea / \$160 per day	3	Days	\$ 160	\$ 480
			<b>Total Rentals:</b>	<b>\$ 4,610</b>

**DE-CAL, INC.**

**DE-CAL, INC. MECHANICAL CONTRACTORS**

24659 Schoenherr, Warren, MI 48089

Phone: (586) 754-4370 • Fax: (586) 754-4371

**LABOR AND MATERIAL VOUCHER**

BILL TO: WALSH CONT.

DATE: 9/1/2021

CUSTOMER'S ORDER NO. 120022

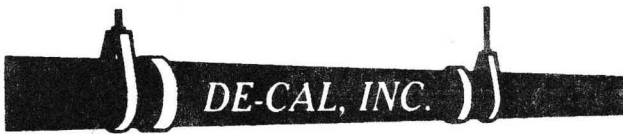
DE-CAL P.O. # 120022

DESCRIPTION OF WORK DONE: EMERGENCY CALL IN FOR MISSING LID INCIDENT

TITLE	NAME	S.T.	O.T.	D.T.	MATERIAL	UNITS	PRICE	TOTAL			
PFF	TREOR JOYCE		2	1							
PF	RILEY MCCINTOSH		2	1							
PL	LUKE BADKE		2	1							
OP	NORM BUSH		2	1							
SUB CONTRACTORS (additional work orders attached)					AMOUNT						
DE-CAL CRANE.											
							MARK-UP %				
SUB CONTRACTOR SUB TOTAL							SUB TOTAL				
SUBCONTRACTOR FEE %							6% MI TAX				
SUB CONTRACTOR TOTAL							TOTAL				
EQUIPMENT/TOOLS	HRS.	PRICE	TOTAL	SUMMARY - FOR OFFICE USE ONLY							
Boom truck	3			LABOR	S.T.	RATE	O.T.	RATE	D.T.	RATE	TOTAL
MAN BASKET	3			FOREMAN							
(3) 4 GAS METERS	3			PLUMBER							
(3) 10 MIN ESCAPE PAKS	3			PIPEFITTER							
(3) RADIOS	3			WELDER							
SERVILLE TRUCK	3			OPERATOR							
				SUB CONTRACTOR							
				EQUIPMENT							
EQUIPMENT/TOOL FEE %				MATERIAL							
TOTAL				TOTAL							

Deak Estew  
DE-CAL, INC

AK Walsh  
WORK AUTHORIZED BY



# DE-CAL, INC. MECHANICAL CONTRACTORS

24659 Schoenherr, Warren, MI 48089

Phone: (586) 754-4370 • Fax: (586) 754-4371

## LABOR AND MATERIAL VOUCHER

**BILL TO:** WALSH CONT.

**DATE:** 9/10/21.

**CUSTOMER'S ORDER NO.** \_\_\_\_\_  
**DESCRIPTION OF WORK DONE:** OMID CS9 SHAF.

**DE-CAL P.O. #** \_\_\_\_\_

TITLE	NAME	S.T.	O.T.	D.T.	MATERIAL	UNITS	PRICE	TOTAL			
<p><i>PROVIDE CRANES ONLY.</i></p> <p><i>WARAMIL - 1</i></p> <p><i>(2 CRANES)</i></p> <p><i>De-cal - 1.</i></p>											
<b>SUB CONTRACTORS</b> (additional work orders attached)		<b>AMOUNT</b>									
						MARK-UP %					
<b>SUB CONTRACTOR SUB TOTAL</b>						SUB TOTAL					
<b>SUBCONTRACTOR FEE</b> %						6% MI TAX					
<b>SUB CONTRACTOR TOTAL</b>						<b>TOTAL</b>					
EQUIPMENT/TOOLS	HRS.	PRICE	TOTAL	SUMMARY - FOR OFFICE USE ONLY							
				LABOR	S.T.	RATE	O.T.	RATE	D.T.	RATE	TOTAL
				FOREMAN							
				PLUMBER							
				PIPEFITTER							
				WELDER							
				OPERATOR							
				SUB CONTRACTOR							
				EQUIPMENT							
<b>EQUIPMENT/TOOL FEE %</b>			%	<b>MATERIAL</b>							
<b>TOTAL</b>				<b>TOTAL</b>							



Laramie Enterprises, Inc  
48400 West Road  
Wixom, MI 48393  
(248) 313-5800 Ph.  
(248) 313-5818 Fax

De-cal Inc.  
24659 Schoenherr Road  
Warren, MI 48089

**Invoice 60066824**

Invoice Date: Monday, September 13, 2021  
Customer: DECA0001  
Job No : M-6008979  
Salesperson: Al Livernois  
Ordered By: Ken Roots Jr ✓

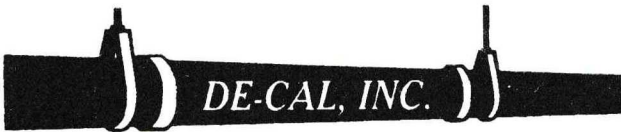
Job Site :  
OMID Sanitary Line Gate Install  
12601 10 Mile Road  
Warren, MI

Terms Net 30 Days

Customer P.O. No: 120022  
Work Performed : HT-40-01 / 30 Ton Boom Truck Hourly Rental

Date	Description	Unit No	Qty Unit Meas	Rate	Extension
9/10/2021	Machine Travel to Job		0.75 Hours	\$224.00	\$168.00
	30 Ton Hydraulic Boom Truck Hourly Rental	HT-40-01	5.75 Hours	\$224.00	\$1,288.00
	Machine Travel from Job		0.75 Hours	\$224.00	\$168.00
	Operator Time		0.75 Hours	\$101.00	\$75.75
<b>Total Invoice:</b>					<b>\$1,699.75</b>

Please Remit Payment To:  
48400 West Road, Wixom, MI 48393



DE-CAL, INC. MECHANICAL CONTRACTORS

24659 Schoenherr, Warren, MI 48089

Phone: (586) 754-4370 • Fax: (586) 754-4371

LABOR AND MATERIAL VOUCHER

BILL TO: WALSH

DATE: 10-14-2021

DE-CAL P.O. # 520022

CUSTOMER'S ORDER NO.

DESCRIPTION OF WORK DONE: INSTALL HYD. CYLINDER AND ASSIST WITH CONFINED SPACE

Table with columns: TITLE, NAME, S.T., O.T., D.T., MATERIAL, UNITS, PRICE, TOTAL. Includes sub-contractor summary and equipment/tools section.

Signature and WORK AUTHORIZED BY



Laramie Enterprises, Inc  
 48400 West Road  
 Wixom, MI 48393  
 (248) 313-5800 Ph.  
 (248) 313-5818 Fax

De-cal Inc.  
 24659 Schoenherr Road  
 Warren, MI 48089

**Invoice** 60066957  
 Invoice Date: Monday, October 18, 2021  
 Customer: DECA0001  
 Job No.: M-6009084  
 Salesperson: Al Livernois  
 Ordered By: Ken Roots Jr

Job Site :  
 OMIID Sanitary Line Gate Install  
 12601 10 Mile Road  
 Warren, MI

Terms : Net 30 Days

Customer P.O. No: 120022  
 Work Performed : HS-30-01/ 30 Ton Boom Truck Hourly Rental

Date	Description	Unit No	Qty	Unit Meas	Rate	Extension
10/14/2021	Machine Travel to Job	HS-30-01	1.00	Hours	\$224.00	\$224.00
	30 Ton Hydraulic Boom Truck Hourly Rental		7.00	Hours	\$224.00	\$1,568.00
	Machine Travel from Job		1.00	Hours	\$224.00	\$224.00
	Operator Overtime		1.00	Hours	\$67.00	\$67.00
	Misc RADIOS		1.00	Total	\$25.00	\$25.00

**Total Invoice: \$2,108.00**

Please Remit Payment To:  
 48400 West Road, Wixom, MI 48393



ROSS STRUCTURAL STEEL, INC.

110 E. Robinwood  
Detroit, MI 48203

(313) 893-7877

September 03, 2021

Dave Pauline  
Walsh Construction Co.  
3031 West Grand Boulevard  
Suite 640  
Detroit, MI 48202  
Ph: 313-456-6521 Fax: 313-873-6633

RE: Change Request 13  
9445 OMID NE Sewage Pump Station

Dear Dave Pauline:

We are pleased to offer the following specifications and pricing to make the following changes:

CRX #13 - CS #9 Cap Plate

Provide detailing, material, fabrication and delivery of (1 Ea) 6'x8'x1/2" steel plate, fastening and rigging hardware for temporary installation by others at "CS #9" (10 Mile and Hoover), per Walsh request on 9/2 and delivery by 9/3.

The total amount to provide this work is ..... 3,342.00

Please refer to attached sheet for details. If you have any questions, please contact me at (313) 893-7877.

Sincerely,

Charles Buhagiar  
Ross Structural Steel Inc.



**ROSS STRUCTURAL STEEL, INC.**

110 E. Robinwood  
 Detroit, MI 48203

(313) 893-7877

**Change Request 13 Price Breakdown  
 Continuation Sheet**

**Description:** CRX #13 - CS #9 Cap Plate

We are pleased to offer the following specifications and pricing to make the following changes:

Provide detailing, material, fabrication and delivery of (1 Ea) 6'x8'x1/2" steel plate, fastening and rigging hardware for temporary installation by others at "CS #9" (10 Mile and Hoover), per Walsh request on 9/2 and delivery by 9/3.

Work performed by us:				
Description	Quantity	Unit	Unit Price	Price
Ross Shop Labor	8.00	Hours	\$64.60	\$516.80
Ross Engineering Labor	2.00	Hours	\$60.00	\$120.00
Freight	2.00	Hours	\$102.27	\$204.54
Material "Steel"	1,071.00	Pounds	\$1.62	\$1,735.00
Manufacturing Supplies	0.50	tons	\$45.00	\$24.10
Misc Purchases				\$190.00
			<b>Subtotal:</b>	<u>\$2,790.44</u>
			<b>Subtotal:</b>	<u><b>\$2,790.44</b></u>
			Tax on Material & Supplies	\$116.95
			Overhead/Profit	\$434.61
			<b>Total:</b>	<u><u><b>\$3,342.00</b></u></u>











**EQUIPMENT RENTAL**

# United Rentals

**POWER & HVAC**  
 BRANCH H86  
 4705 PRODUCT DR  
 WIXOM MI 48393-2056  
 248-702-1881  
 248-676-2449 FAX

## RENTAL RETURN INVOICE

# 197511959-002

Job Site

WARREN PROJECT  
 E 10 MILE RD AND CONSTITUTION  
 WARREN MI 48089

Office: 313-456-6500 Cell: 313-456-6500

Customer #	: 116328
Invoice Date	: 10/04/21
Rental Out	: 08/30/21 09:00 AM
Rental In	: 09/30/21 09:09 AM
UR Job Loc	: E 10 MILE RD AND CON
UR Job #	: 35
Customer Job ID:	
P.O. #	: 220008
Requested By	: NICK JANICKE
Reserved By	: ERIC KAMEN
Salesperson	: ERIC KAMEN

5.1,1665 1 MB 0.482 33256S21.p01 253326 1-2 0

WALSH CONST GROUP-DETROIT MI  
 3031 W GRAND BLVD STE 640  
 DETROIT MI 48202-3031

**RECEIVED**  
*Walsh Construction*

OCT 12 2021

**Invoice Amount: \$3,040.08**

Terms: Net 30 Days  
 Payment options: Contact our credit office 704-916-4138  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA),INC.  
 PO BOX 840514  
 DALLAS TX 75284-0514

*Detroit Office*

RENTAL Qty	ITEMS: Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	10553283	HEATER DRY 60 KW ELECTRIC Make: CHROMALOX Model: SDRA-60-43RG-UR Serial: C61064808001 Meter out: .50 Meter in: .50 60KW HEATER AS BLOWER DUCT TO PULL AIR FROM SPACE note: heaters and misc equipment still on site - back on rent in 2 weeks					N/C
1	10322009	HEATER DRY 150 KW ELECTRIC Make: CAPS Model: PHUH-ONN-ONN150 Serial: 14F-0509-015 500KW HEATER AS VENTILATION TO MOVE AIR INTO SEWER SPACE	600.00		1,200.00	3,600.00	1,200.00
4	244/5200	A/C DUCTING 20" X 25' VENTILATION DUCT TO PUT FRESH AIR INTO SPACE AND PULL AIR FROM SPACE	11.00		22.00	66.00	88.00
2	241/8010	CABLE BANDED 5 WIRE 50' 50' PER BLOWER TO GENERATOR (X2)	35.00		70.00	210.00	140.00
1	999/9999	MISCELLANEOUS BULK INVENTORY EQUIPMENT 20" ROUND X 10' SPIRAL DUCT AND 20" ROUND HARD 90 DEGREE ELBOW	25.00		50.00	150.00	50.00
4	241/5955	CABLE TAIL #2 FCAM BARE END ATTACH TO LUGS ON GENERATOR / 3 HOTS + GROUND					N/C
1	10065329	GENERATOR 125-149 KVA Make: CUMMINS Model: C100D6RG Serial: F120348840 Meter out: 16377.00 Meter in: 16418.00 Substituted for: GENERATOR 45-49 KVA	306.00		613.00	1,838.00	613.00
Rental Subtotal:							2,091.00

SALES/MISCELLANEOUS Qty	ITEMS: Item	Price	Unit of Measure	Extended Amt.
64	DYED DIESEL	[DYEDDSL/MCI] 5.500	EACH	352.00
1	PICKUP CHARGE	425.000	EACH	425.00
Sales/Misc Subtotal:				777.00
Agreement Subtotal:				2,516.00
Fuel:				352.00
Tax:				172.08
Total:				3,040.08

COMMENTS/NOTES:

CONTACT: NICK JANICKE  
 CELL#: 313-456-6500

CONTINUED

Effective January 1, 2021 and where permitted by law, United Rentals may impose a surcharge of 1.8% for credit card payments on charge accounts. This surcharge is not greater than our merchant discount rate for credit card transactions and is subject to sales tax in some jurisdictions.

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

**United Rentals**

POWER & HVAC  
 BRANCH H86  
 4705 PRODUCT DR  
 WIXOM MI 48393-2056  
 248-702-1881  
 248-676-2449 FAX



**RENTAL  
 CREDIT MEMO**

# 197511959-003

Customer #	: 116328
Credit Date	: 10/12/21
Credit Inv	: 197511959-001
UR Job Loc	: E 10 MILE RD AND CON
UR Job #	: 35
Customer Job ID	:
P.O. #	: 220008
Requested By	: NICK JANICKE
Reserved By	: ERIC KAMEN
Salesperson	: ERIC KAMEN

Job Site

WARREN PROJECT  
 E 10 MILE RD AND CONSTITUTION  
 WARREN MI 48089

Office: 313-456-6500 Cell: 313-456-6500

WALSH CONST GROUP-DETROIT MI  
 STE 640  
 3031 W GRAND BLVD  
 DETROIT MI 48202-3031

**Invoice Amount: \$1,431.00-**

Terms: Net 30 Days  
 Payment options: Contact our credit office 704-916-4138  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA), INC.  
 PO BOX 840514  
 DALLAS TX 75284-0514

RENTAL ITEMS:			Minimum	Day	Week	4 Week	Amount	
Qty	Equipment	Description						
1	10322009	HEATER DRY 150 KW ELECTRIC Make: CAPS Model: PHUH-ONN-ONN150 Serial: 14F-0509-015		600.00	1,200.00	3,600.00	1,350.00-	
Reason: INPUT ERROR CREDIT								
							Rental Subtotal:	1,350.00-
							Agreement Subtotal:	1,350.00-
							Tax:	81.00-
							Total:	1,431.00-

COMMENTS/NOTES:

CONTACT: NICK JANICKE  
 CELL#: 313-456-6500  
 DLV/PKU LOC SELECTED BY MAP PIN OPTION  
 NORTH SIDE OF E 10 MILE RD BTW HOOVER &  
 SCHOENHER RD. AT HIGH POWER LINES  
 SITE CONTACTS:  
 MIKE GRAZIANO - 313.695.0696  
 CHRISTIAN BIOLCHINI - 313.706.7384

\*\*\*\*\*  
 \* CUSTOMER WILL BE CHARGED \$129/HOUR FOR WAIT TIME.\*  
 \* CHARGES COMMENCE AFTER 20 MINUTES OF ARRIVAL.\*  
 \*\*\*\*\*

**Detroit Office/AP**  
**Received via email**  
*John 10/13/21*

NOTICE: This credit memo is subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

You Can Now Access Invoice History and Update Purchase Orders Online  
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POWER & HVAC  
 BRANCH H86  
 4705 PRODUCT DR  
 WIXOM MI 48393-2056  
 248-702-1981  
 248-676-2449 FAX



RENTAL  
 CREDIT MEMO

# 197511959-004

Job Site

WARREN PROJECT  
 E 10 MILE RD AND CONSTITUTION  
 WARREN MI 48089  
 Office: 313-456-6500 Cell: 313-456-6500

Customer # : 116328  
 Credit Date : 10/12/21  
 Credit Inv : 197511959-002  
 UR Job Loc : E 10 MILE RD AND CON  
 UR Job # : 35  
 Customer Job ID :  
 P.O. # : 220008  
 Requested By : NICK JANICKE  
 Reserved By : ERIC KAMEN  
 Salesperson : ERIC KAMEN

WALSH CONST GROUP-DETROIT MI  
 STE 640  
 3031 W GRAND BLVD  
 DETROIT MI 48202-3031

Invoice Amount: \$477.00-

Terms: Net 30 Days  
 Payment options: Contact our credit office 704-916-4138  
 REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
 PO BOX 840514  
 DALLAS TX 75284-0514

RENTAL Qty	ITEMS Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	10322009	HEATER DRY 150 KW ELECTRIC Make: CAPS Model: PHUH-ONN-ONN150 Serial: 14F-0509-015		600.00	1,200.00	3,600.00	450.00-
Reason: INPUT ERROR CREDIT							
Rental Subtotal:							450.00-
Agreement Subtotal:							450.00-
Tax:							27.00-
Total:							477.00-

COMMENTS/NOTES:

CONTACT: NICK JANICKE  
 CELL#: 313-456-6500  
 DLV/PKU LOC SELECTED BY MAP PIN OPTION  
 NORTH SIDE OF E 10 MILE RD BTW HOOVER &  
 SCHOENHER RD. AT HIGH POWER LINES  
 SITE CONTACTS:  
 MIKE GRAZIANO - 313.695.0696  
 CHRISTIAN BIOLCHINI - 313.706.7384

\*\*\*\*\*  
 \* CUSTOMER WILL BE CHARGED \$129/HOUR FOR WAIT TIME.\*  
 \* CHARGES COMMENCE AFTER 20 MINUTES OF ARRIVAL.\*  
 \*\*\*\*\*

Detroit Office/AP  
 Received via email  
 job 10-13-21

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You Can Now Access Invoice History and Update Purchase Orders Online  
 To Sign Up, contact URControlSupport@ur.com





POWER & HVAC  
BRANCH H86  
4705 PRODUCT DR  
WIXOM MI 48393-2056  
248-702-1881  
248-676-2449 FAX

RECEIVED  
Walsh Construction

OCT 26 2021

PARTIAL RETURN  
INVOICE

# 199199392-001

Job Site

WARREN PROJECT  
E 10 MILE RD AND CONSTITUTION  
WARREN MI 48089

Detroit Office

Office: 313-456-6500 Cell: 313-456-6500

6.1.2286 1 MB 0.482 39583S21.p01 304342 1-1 0



WALSH CONST GROUP-DETROIT MI  
3031 W GRAND BLVD STE 640  
DETROIT MI 48202-3031

Customer # : 116328  
Invoice Date : 10/19/21  
Rental Out : 10/14/21 07:00 AM  
Rental In : 10/15/21 07:00 AM  
UR Job Loc : E 10 MILE RD AND CON  
UR Job # : 35  
Customer Job ID:  
P.O. # : 220008  
Requested By : NICK JANICKE  
Reserved By : MARC KOTENKO  
Salesperson : ERIC KAMEN

Invoice Amount: \$1,275.18

Terms: Net 30 Days  
Payment options: Contact our credit office 704-916-4138  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RENTAL ITEMS:			Minimum	Day	Week	4 Week	Amount
Qty	Equipment	Description					
2	241/8010	CABLE BANDED 5 WIRE 50'	70.00	35.00	70.00	210.00	140.00
1	999/9999	MISCELLANEOUS BULK INVENTORY EQUIPMENT	50.00	25.00	50.00	150.00	50.00
4	241/5955	CABLE TAIL #2 FCAM BARE END					N/C
1	11246859	GENERATOR 70-84 KVA TIER 4 Make: JCB Model: G70RS T4F Serial: 2656477 Meter out: 95.00 Meter in: 100.60	613.00	306.00	613.00	1,838.00	613.00
Rental Subtotal:							803.00

SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	DELIVERY CHARGE	200.000	EACH	200.00
1	PICKUP CHARGE	200.000	EACH	200.00
Sales/Misc Subtotal:				400.00
Agreement Subtotal:				1,203.00
Tax:				72.18
Total:				1,275.18

COMMENTS/NOTES:

CONTACT: NICK JANICKE  
CELL#: 313-456-6500  
Dlv/Pku loc selected by Map Pin Option  
North side of E 10 Mile Rd btw Hoover &  
Schoenher Rd. at High Power Lines

\*\*\*\*\*  
\* CUSTOMER WILL BE CHARGED \$129/HOUR FOR WAIT TIME.\*  
\* CHARGES COMMENCE AFTER 20 MINUTES OF ARRIVAL. \*  
\*\*\*\*\*

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POWER & HVAC  
BRANCH H86  
4705 PRODUCT DR  
WIXOM MI 48393-2056  
248-702-1881  
248-676-2449 FAX

RECEIVED  
Walsh Construction

NOV 22 2021

Detroit Office

RENTAL RETURN  
INVOICE

# 200080010-002

Job Site

WARREN PROJECT  
E 10 MILE RD AND CONSTITUTION  
WARREN MI 48089

Office: 313-456-6500 Cell: 313-456-6500

5.1.1927 1 MB 0.482 50647S21.p01 388836 1-1 0



WALSH CONST GROUP-DETROIT MI  
3031 W GRAND BLVD STE 640  
DETROIT MI 48202-3031

Customer # : 116328  
Invoice Date : 11/12/21  
Rental Out : 11/05/21 02:30 PM  
Rental In : 11/11/21 07:00 AM  
UR Job Loc : E 10 MILE RD AND CON  
UR Job # : 35  
Customer Job ID:  
P.O. # : 220008  
Requested By : MIKE GRAZIANO  
Reserved By : MARC KOTENKO  
Salesperson : ERIC KAMEN

Invoice Amount: \$1,673.21

Terms: Net 30 Days  
Payment options: Contact our credit office 704-916-4138  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RENTAL ITEMS:

Qty	Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	10420640	GENERATOR 70-84 KVA Make: MULTIQUIP Model: DCA70SSJU4I Serial: 7306691 Meter out: 11767.10 Meter in: 11767.00 Substituted for: GENERATOR 70-84 KVA TIER 4 480v 3 phase Meter from prior exchange is 5.000	613.00	306.00	613.00	1,838.00	613.00
4	241/5955	CABLE TAIL #2 FCAM BARE END					N/C

Rental Subtotal: 613.00

SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
21	DYED DIESEL [DYEDDSL/MCI]	5.500	EACH	115.50
1	DELIVERY CHARGE	425.000	EACH	425.00
1	PICKUP CHARGE	425.000	EACH	425.00
Sales/Misc Subtotal:				965.50
Agreement Subtotal:				1,463.00
Fuel:				115.50
Tax:				94.71
Total:				1,673.21

COMMENTS/NOTES:

CONTACT: MIKE GRAZIANO  
CELL#: 313-695-0696  
Div/Pku loc selected by Map Pin Option  
North side of E 10 Mile Rd btw Hoover &  
Schoenher Rd. at High Power Lines

\*\*\*\*\*  
\* CUSTOMER WILL BE CHARGED \$129/HOUR FOR WAIT TIME.\*  
\* CHARGES COMMENCE AFTER 20 MINUTES OF ARRIVAL. \*  
\*\*\*\*\*

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RENTAL INVOICE

9925 S. Industrial Dr.  
Bridgeview, IL 60455-2408

800- 878-7305

AR@RentLGH.com

www.RentLGH.com

Account Code: WAL15  
Customer PO#: 220008  
Internal Ref #: 013/ISA010  
Rental Start Date: 08/30/2021  
Shipping Date: 08/30/2021  
Invoice Type: Continuation  
Payment Terms: Payment Terms: NET 30  
Email for Billing Questions: AR@rentlgh.com

Invoice Date: 09/30/2021

Invoice Number: 6000194556

Order Number: 100095160 | Dispatch Number: 200100543 | Quote Number: 456792.1

Customer & Site Information	
<b>Customer Billing Information:</b> WALSH CONSTRUCTION 3031 W GRAND BLVD Suite 640 DETROIT, MI 48202-3096 p: 313-363-8957 f: 313-873-6633	<b>Customer Site Information</b> WALSH CONSTRUCTION 12601 E 10 Mile Rd WARREN, MI 48089 Site Contact: Nick Janicke p: 312-296-2279

Item Details					
Qty.	E-Code	Equipment Description	No. of Days	Rate/Price	Total Charge
1	OPH0007	300 lbs. Manbasket (30" Diameter) From: 08/30/2021 To: 09/26/2021	28	\$78.57/ Daily Rate \$550.00/ WEEK \$2,200.00/ MONTH	\$2,200.00
1	N/A	DELIVERY CHARGE		\$65.00 EA	\$65.00

Taxability Address: (based on where goods exchanged hands)  
12601 E 10 Mile Rd  
WARREN, MI 48089

Goods Total: \$2,265.00  
Tax: \$135.90  
Invoice Total: \$2,400.90

7 DAY MINIMUM RENTAL  
MONTHLY RATES ARE FOR 28 DAYS  
A service charge of 1 ½ % Per Month (18% Annum) will be applied to all accounts over 30 days.

**Payment Options**

<b>If paying by check, mail to:</b> Lifting Gear Hire Corporation P.O. Box 734381 Chicago, IL 60673-4381	<b>Payment by EFT/ACH to:</b> Lifting Gear Hire Corporation Routing# 071000013 Account: 936388651
<b>Payment by credit card go to:</b> <a href="https://www.rentlgh.com/payment">https://www.rentlgh.com/payment</a>	

Detroit Office/AP  
Received via email  
jah 10-4-21



9925 S. Industrial Dr.  
Bridgeview, IL 60455-2408

800-878-7305

AR@RentLGH.com

www.RentLGH.com

### RENTAL INVOICE

Account Code: WAL15  
Customer PO#: 220008  
Internal Ref #: 013/ISA010  
Rental Start Date: 08/30/2021  
Shipping Date: 08/30/2021  
Invoice Type: Continuation  
Payment Terms: Payment Terms: NET 30  
Email for Billing Questions: AR@rentlgh.com

**Invoice Date: 10/31/2021**

**Invoice Number: 6000197963**

**Order Number: 100095160 | Dispatch Number: 200100543 | Quote Number: 456792.1**

Customer & Site Information	
<b>Customer Billing Information:</b> WALSH CONSTRUCTION 3031 W GRAND BLVD Suite 640 DETROIT, MI 48202-3096 p: 313-363-8957 f: 313-873-6633	<b>Customer Site Information</b> WALSH CONSTRUCTION 12601 E 10 Mile Rd WARREN, MI 48089 Site Contact: Nick Janicke p: 312-296-2279

Item Details					
Qty.	E-Code	Equipment Description	No. of Days	Rate/Price	Total Charge
1	OPH0007	300 lbs. Manbasket (30" Diameter) From: 09/27/2021 To: 10/24/2021	28	\$78.57/ Daily Rate \$550.00/ WEEK \$2,200.00/ MONTH	\$2,200.00

Taxability Address: *(based on where goods exchanged hands)*  
12601 E 10 Mile Rd  
WARREN, MI 48089

Goods Total: \$2,200.00  
Tax: \$132.00  
Invoice Total: \$2,332.00

7 DAY MINIMUM RENTAL

MONTHLY RATES ARE FOR 28 DAYS

A service charge of 1 ½ % Per Month (18% Annum) will be applied to all accounts over 30 days.

**Payment Options**

<b>If paying by check, mail to:</b> Lifting Gear Hire Corporation P.O. Box 734381 Chicago, IL 60673-4381	<b>Payment by EFT/ACH to:</b> Lifting Gear Hire Corporation Routing# 071000013 Account: 936388651
<b>Payment by credit card go to:</b> <a href="https://www.rentlgh.com/payment">https://www.rentlgh.com/payment</a>	

**Detroit Office/AP**  
**Received via email**  
*jak 11-2-21*



9925 S. Industrial Dr.  
Bridgeview, IL 60455-2408

800- 878-7305

AR@RentLGH.com

www.RentLGH.com

### RENTAL INVOICE

Account Code: WAL15  
Customer PO#: 220008  
Internal Ref #: 013/ISA010  
Rental Start Date: 08/30/2021  
Shipping Date: 08/30/2021  
Invoice Type: RETURN INVOICE  
Payment Terms: Payment Terms: NET 30  
Email for Billing Questions: AR@rentlgh.com

**Invoice Date: 12/07/2021**  
**Invoice Number: 6000202681**  
**Order Number: 100095160 | Dispatch Number: 200100543 | Quote Number: 456792.1**

Customer & Site Information	
<b>Customer Billing Information:</b> WALSH CONSTRUCTION 3031 W GRAND BLVD Suite 640 DETROIT, MI 48202-3096 p: 313-363-8957 f: 313-873-6633	<b>Customer Site Information</b> WALSH CONSTRUCTION 12601 E 10 Mile Rd WARREN, MI 48089 Site Contact: Nick Janicke p: 312-296-2279

Item Details					
Qty.	E-Code	Equipment Description	No. of Days	Rate/Price	Total Charge
1	OPH0007	300 lbs. Manbasket (30" Diameter) From: 11/22/2021 To: 12/03/2021	12	\$78.57/ Daily Rate \$550.00/ WEEK \$2,200.00/ MONTH	\$942.84
1	N/A	RETURN CHARGE	-	\$65.00 EA	\$65.00

Taxability Address: *(based on where goods exchanged hands)*  
12601 E 10 Mile Rd  
WARREN, MI 48089

Goods Total: \$1,007.84  
Tax: \$60.47  
Invoice Total: \$1,068.31

7 DAY MINIMUM RENTAL  
MONTHLY RATES ARE FOR 28 DAYS  
A service charge of 1 ½ % Per Month (18% Annum) will be applied to all accounts over 30 days.

**Payment Options**

<b>If paying by check, mail to:</b> Lifting Gear Hire Corporation P.O. Box 734381 Chicago, IL 60673-4381	<b>Payment by EFT/ACH to:</b> Lifting Gear Hire Corporation Routing# 071000013 Account: 936388651
<b>Payment by credit card go to:</b> <a href="https://www.rentlgh.com/payment">https://www.rentlgh.com/payment</a>	

**Detroit Office/AP**  
**Received via email**  
*jah 12/7/21*

008349912 CASCADES CHEST WAD 1 \$89.99T  
Discounted Price:EMPLOYEE / COMPANY SPECIAL  
002929685 GAME WADE CHEST PV 1 \$13.49T  
Discounted Price:EMPLOYEE / COMPANY SPECIAL

Subtotal \$103.48  
TX60 103.48 @ 6.000% Tax \$6.21  
Total \$109.69

US DEBIT USD \$109.69

\*\*\*\*\*7090

AID: A0000000980840

TVR: 8000048000

Card Type: DT

IAD: 06010A03A02000

Mode:Issuer

ARC: 00

TSI: 6800

Chip Read

Approved 002528

INTERLINK

Verified by PIN

# ITEMS SOLD 2

CUST#: 127  
AAA - MICHIGAN

Save All Receipts.

Items eligible for refund or exchange by 11/08/21  
ID may be required. See back of receipt for  
Return Policy. Free with purchase items not  
eligible for return.

Now Hiring

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Thank You for Shopping at Dunham's!



\* E P G J A D J W H A N I O \*

**BOBS SANITATION SERVICE, INC**  
**SCOTT'S POTTIES**  
 P.O. BOX 530845  
 LIVONIA, MI 48153

Ph: (734) 421-1400 Fax: (734) 946-7382  
 Email: emailus@scottyspotties.net

**RECEIVED**  
*Walsh Construction*

NOV 29 2021

*Subsidiary Office*



**Invoice**

Billing Address  
 WALSH CONSTRUCTION  
 SUITE #640  
 3031 W. GRAND BLVD.  
 DETROIT, MI 48202

Service Address  
 WALSH CONSTRUCTION  
 12601 10 MILE RD  
 WARREN, MI 48089

Phone: (313) 456-6500 Fax: (313) 456-6501

Due Date	Cust #	Site #	Date	Clerk	Terms	P.O.#	Invoice #	Page
12/3/2021	WAL7870	31392	11/23/2021	RR	NET10		A-229903	Page 1 / 1

DESCRIPTION	RATE	QTY	AMOUNT
10/20/2021 - 11/16/2021 CN SN# CNI1618	120.00	1	120.00
RENTM-CONSTRUCTION UNIT W/ SANITIZER-Service Interval = 1W			120.00

Paid Amt 0.00  
 Adjustment Amt 0.00  
 Balance 120.00

**THANK YOU FOR DOING BUSINESS WITH US!**

Statement as of 11/23/2021	Future: 0.00	Current: 240.00	30 Day: 0.00	60 Day: 0.00	90 Day: 0.00	Total Due: 240.00
----------------------------	--------------	-----------------	--------------	--------------	--------------	-------------------

Please detach here and return the bottom portion with your payment.

Div:A Cust #: WAL7870 Site #: 31392 Invoice #: 229903

**From** WALSH CONSTRUCTION  
 SUITE #640  
 3031 W. GRAND BLVD.  
 DETROIT, MI 48202

Do we have your correct email? ihaydon@walshgroup.com  
 if not, please write your correct email here:

<input type="checkbox"/> VISA	<input type="checkbox"/> M/C	<input type="checkbox"/> DISCOVER	<input type="checkbox"/> AMEX	<input type="checkbox"/> Check Enclosed
If paying by Credit Card, please fill out below				Invoice Balance 120.00
Card Number				Previous Balance 120.00
Exp. Date	CVC Code		Total Due	240.00
Choose One: <input type="checkbox"/> 1 Time Charge <input type="checkbox"/> Charge Monthly				Amount Paid
Signature				

**To** BOBS SANITATION SERVICE, INC  
 SCOTT'S POTTIES  
 P.O. BOX 530845  
 LIVONIA, MI 48153

All invoices more than 30 days old are charged a late fee of 1.5% per month or 18% per year.  
 If credit card address different from billing address above, please write in below.

**Field Meeting to Discuss  
CS-9 and NESPS  
Lakeshore Stop Log Issues**



# Field Meeting to Discuss CS-9 and NESPS Lakeshore Stop Log Issues

## Meeting Minutes

Date: Wednesday September 8, 2021, 11:30 a.m., WRC Project # 1-3308 and 1-3309

Location: NESPS Walsh Field Trailer

Attendee Name	Representing
Joel Brown .....	OCWRC
John Michalski.....	ASI
Terry Moore.....	METCO
Larry Gilbert.....	NTH
Dave Pauline.....	Walsh
Ankur Patel.....	Walsh
Nick Janicke.....	Walsh
Mike Mastracci Jr.....	De-Cal
Todd Cowper.....	De-Cal

### Items

---

1. CS-9 Status (See Section g for schedule)
  - a. Accumulator leakage: Walsh is to work with HydroGate and Sun Systems to find and correct the accumulator leak (losing pressure). This is highest priority and critical for gate movements/operations. Flow control is not required for this operation.
  - b. Gate Leakage
    - i. Criteria/Status: The group agreed to an allowable leakage rate of 0.16 GPM/ft. With a 16 feet wet perimeter for each sluice gate and an approximately 49 foot wetted perimeter on the bulkhead, this equates to a total wetted perimeter of 81 feet and total allowable flow of approximately 13.0 GPM. The pass fail of this measurement will be on a visual basis (comparing to a 5 gallon bucket fill-up) per sluice gate (approximately 2.5 GPM) and then overall leaving the pipe (bulkhead assessment). The first leakage test did not pass this criterion.
  - c. Testing-Prep
    - i. The day prior to testing will involve major cleaning of the gate. This can be done in conjunction with proximity switch work.
    - ii. Walsh will work on cleaning the gate during the morning while flow control is being performed via CS-5 closure. When Walsh is complete with cleaning CS-9, the gates are to be closed/checked. The downstream standing water will then be pumped out via a sump to allow viewing of the bulkhead/sluice gate. CS-5 will then be slow-released as modified by ASI to control flow inbound to CS-9 to build up storage. Pass/Fail will then be established as indicated in Section b.
  - d. Instrumentation Issue
    - i. CCI to confirm no hardware/software issues
    - ii. CCI to confirm electrical interference

- iii. Verify through testing of the gate (move gates up and down while monitoring). Move also without affecting depth.
  - e. Proximity Switch
    - i. Sun Systems is to correct the proximity Switch by sensor replacement and testing I/Os/general troubleshooting.
  - f. Hatch
    - i. Doetsch, NTH and possibly Walsh to make entry at CS-9 with wagon under full flow control from upstream gates CS-3, CS-5, CS-6, CS-7, CS-8. Walk downstream with recovery wagon. NTH to provide own PPE. If hatch is within a few hundred feet of CS-9, extraction will be at CS-9. Otherwise, search will continue downstream until hatches are found and loaded into wagon. Wagon and personnel will then be lifted out of NESPS. Ventilation to be provided at Toepfer shaft.
  - g. Schedule
    - i. Friday 9/10: CS-9 hatch recovery CS-3, CS-5, CS-6, CS-7, CS-8 Closed
    - ii. Monday 9/13: OR Sewer walk. Closing CS-3, CS-6, CS-7, CS-8 Closed
    - iii. Tuesday 9/14: Walsh accumulator work-investigate sensor issue– MID ADS Meter maintenance. CS-3, CS-6, CS-7, CS-8 Closed
    - iv. Wednesday 9/15: CS-9 proximity switch, investigate sensor issue and major gate cleaning CS-3, CS-5, CS-6, CS-7, CS-8 Closed
    - v. Thursday 9/16: Minor cleaning and leakage test CS-5 closure, modified release.
- 2. Lakeshore Stop Log
  - a. De-Cal reviewed improvements that were made to the Lakeshore stop log. The side gaskets were replaced (60 durometer) and debris was removed from the threshold P-seal gasket (90 durometer reading). De-Cal utilized Welton for seal options. The P-Seal currently has a 25-week lead time. Tabs were welded on the corners to prevent the gasket from flexing in. The stop log was lowered yesterday Tuesday 9/7. Significant, unacceptable, leakage was observed on the south side of the gate at the corner and the north side of the gate along the side seal. Walsh believes the seat may be uneven, contributing to the leakage.
  - b. There was discussion as to whether there is a metal threshold seat in the stop log channel. This will be confirmed on Friday 9/10.
  - c. Walsh/De-Cal is exploring the use of rubber pieces to fill in gaps or otherwise supplementing large pieces of rubber onto the P-seal. If there is no metal threshold, a new one should be constructed and leveled (further discussion will be needed after confirmation).
  - d. A general discussion was held on cinders. The group agreed this option is worth exploring, with possibly only 10 gallons needed. Larry and Ankur to contact suppliers. Joel to send link to company he found.

#### ACTION ITEMS:

1. John Michalski to develop revised release pattern for CS-5 when CS-9 is closed (for leakage testing).
2. Terry to work with GLWA to adjust NESPS pumping procedures prior to OMID dewatering to ensure wet well levels remain below EL 528.
3. Confirm Lakeshore threshold is made of metal (Friday 9/10).
4. Joel to send cinder company link to group.
5. Larry and Ankur to evaluate cinder supplier options.
6. Mike to confirm rubber seal options and lead times.

# NTH REPORT



### DAILY FIELD REPORT

PROJECT NAME <u>OMID NI-EA PCI-4 &amp; CS-9 Gate CCA</u>	PROJECT NO. <u>61-200186-02</u>
PROJECT LOCATION <u>OMID Control Structure 9 - Warren, MI</u>	DATE <u>09/10/2021</u>
CLIENT <u>OMIDDD</u>	WEATHER <u>Sunny</u>
CLIENT'S REPRESENTATIVE(S) <u>Joel Brown, P.E.</u>	TEMP: <u>74 °F</u>
CONTRACTOR <u>Walsh Construction, Doetsch Environmental</u>	PAGE <u>1</u> of <u>9</u>
CONTRACTOR'S REPRESENTATIVE(S) <u>Ankur Patel, Joe Schotthoefter</u>	REPORT NO. <u>001</u>
	TIME ON SITE <u>7:00 AM – 2:45 PM</u>

TASK	LOCATION	SATISFACTORY ? Check One Yes No			
<b>EARTHWORK AND SUBGRADE PREPARATION</b>					
Excavation/Fill					
Proofrolling					
<b>UTILITY CONSTRUCTION</b>					
Excavation/Backfill					
<b>FOUNDATION CONSTRUCTION</b>					
Excavation					
Backfill					
<b>STRUCTURAL CONCRETE</b>					
Reinforcing Steel					
Cast In-Place Concrete					
Pre-Cast Concrete					
<b>STRUCTURAL STEEL ERECTION</b>					
Framing					
Decking					
<b>MASONRY CONSTRUCTION</b>					
Erect					
Grout/Reinforcing Steel					
<b>BITUMINOUS PAVEMENT</b>					
Placement & Compaction					
<b>OTHER</b>					
Plate Recovery & Liner Inspection	OMID – CS-9 to PCI-5-108	X			
<b>ATTACHMENTS</b>					
ATTACHMENT	# OF ITEMS	ATTACHMENT	# OF ITEMS	ATTACHMENT	# OF ITEMS
Field Density Test Report(s)		Sketch(s)		Other:	
Daily Concrete Report(s)		Photo(s)		Other:	
Masonry Report(s)		Reinforcing Steel Inspection Report(s)		Other:	

**Items and areas of construction reviewed during today's site visit were limited to those specifically discussed in this Daily Field Report.**

Report Prepared by: Colton Morrow

Reviewed By: A. Almadhoun



**DAILY FIELD REPORT**

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CONTRACTOR'S REPRESENTATIVE(S)	Ankur Patel, Joe Schotthoefler	REPORT NO.	001
		TIME ON SITE	7:00 AM – 2:45 PM

Equipment on Site: Walsh: Crew Pickup (2). Doetsch: Crew Pickup (2), Box Truck. Laramie: Crane. FKE: Crew Pickup.

Visitors on Site: Walsh: 4-man crew. Doetsch: 5-man crew. FKE: J. Elsey. NTH: C. Morrow, A. Almadhoun, L. Gilbert.  
MCPWC: K. Lumma. OCWRC: J. Brown. METCO: T. Moore

7:00 AM: NTH, FKE, Doetsch, and Walsh arrived on site at CS-8 to begin Lock Out/Tag Out (LOTO) operations. The crew would be locating and extracting two plate covers that had fallen into the interceptor at CS-9.

8:00 AM: LOTO operations were completed at control structures CS-8, CS-7, CS-6, CS-5, and CS-3, and the crew arrived at CS-9 which would remain open.

11:00 AM: After an on-site safety discussion, NTH, FKE, a 1-man crew from Walsh, and a 2-man crew from Doetsch entered the sewer via crane and man basket at CS-9. Doetsch was equipped with 2 wagons for extracting the cover plates.

NTH inspected the CS-9 shaft area and noted that two of the FRP handrails had been damaged by the cover plates. The handrails were located directly above the bulkhead in the northeast section of the shaft and on the west platform of the shaft. Spalled concrete was also observed on the channel walls immediately downstream of CS-9 at the 4 o'clock and 8 o'clock positions. NTH did not observe any defects on the sluice gates or rail system. See the attached defect list and photo log for additional information (note that additional site photos and videos outside of the attached photo log are also available for additional review).

Inspection of the HOBAS liner began. Notable defects included 1/4" deep gouges in the liner caused by the cover plates, damaged grout ports, and superficial scratches that ran from the start of the liner to the location of the farthest plate at 1400' downstream. See the attached defect list for exact locations of defects.

The two cover plates were located at 461 feet and 1400 feet downstream of the start of the HOBAS liner. Both cover plates were found upside down in the interceptor with no noticeable damage observed to either the plates or the liner underneath where they were found.

12:00 PM: The crew arrived back at CS-9 and FKE and NTH exited the sewer. Doetsch and Walsh prepared the two cover plates to be extracted via crane.

1:00 PM: Doetsch and Walsh exited the sewer after extracting the cover plates.

1:30 PM: NTH left CS-9 to complete the end of day LOTO operations.

2:45 PM: LOTO operations were completed and NTH left the site.

**Non-conforming items observed or updated today: None**

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Report Prepared by: Colton Morrow

Reviewed By: A. Almadhoun



### DAILY FIELD REPORT

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CONTRACTOR <u>Walsh Construction, Doetsch Environmental</u>	PAGE <u>3 of 9</u>
CONTRACTOR'S REPRESENTATIVE(S) <u>Ankur Patel, Joe Schotthoefter</u>	REPORT NO. <u>001</u>
	TIME ON SITE <u>7:00 AM – 2:45 PM</u>

<b>HOBAS Liner Inspection</b>		
<b>Distance from Start of Liner (ft)</b>	<b>Observation</b>	<b>Clock Position</b>
0	Begin typical scratches in the liner, these scratches do not puncture the top layer of liner.	4:00 & 8:00
5	Gouge in liner. Approx. 4" by 1" by 1/4"	4:00
6	Gouge in liner. Approx. 4" by 1/2" by 1/4"	4:00
24	Gouge in liner. Approx. 4" by 1/2" by 1/8"	8:00
25	Gouge in liner. Approx. 2" by 1/2" by 1/8"	8:00
40	Typical scratches move below the flow line.	5:00 & 7:00
75	Gouge in liner. Approx. 2" by 1/2" by 1/8"	4:00
200	Typical scratches above flow line.	4:00
215	Scratch on liner deep enough to feel and approx. 3" by 0.05"	3:00
245	Gouge in liner. Approx. 1" by 1" by 1/4"	5:00
300	Typical scratches back below flow line.	5:00 & 7:00
461	Found first missing plate. No defects observed under plate.	6:00
510	Scratch on liner deep enough to feel and approx. 3.5" by 0.05"	5:00
575	Gouges in liner. Approx. 3" by 1/2" by 1/4" each	5:00 & 7:00
650	Scratch on liner deep enough to feel and approx. 3" by 0.05"	8:00
684	Gouges under flow line.	7:00
684	Damaged grout port. Flange and gasket damaged, PVC cap missing.	5:00
737	Gouge in liner. Approx. 1" by 1" by 1/4"	4:00
740	Gouge in liner. Approx. 1" by 1" by 1/4"	5:00
755	Gouge in liner. Approx. 5" by 1" by 3/8"	7:00
855	Defect in liner. Does not appear to be caused by plate.	5:00
1125	Gouge in liner. Approx. 3" by 1/2" by 1/8"	4:00
1126	Gouge in liner. Approx. 4" by 1/2" by 1/4"	4:00
1177	Damaged grout port. Flange and gasket damaged, PVC cap missing.	7:00
1400	Found second missing plate. No defects observed under plate.	6:00

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Report Prepared by: Colton Morrow

Reviewed By: A. Almadhoun



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CLIENT	OMIDDD	WEATHER	Sunny
CLIENT'S REPRESENTATIVE(S)	Joel Brown, P.E.	TEMP:	74 °F
CONTRACTOR	Walsh Construction, Doetsch Environmental	PAGE	4 of 9
CONTRACTOR'S REPRESENTATIVE(S)	Ankur Patel, Joe Schotthoefler	REPORT NO.	001
		TIME ON SITE	7:00 AM – 2:45 PM

**Photo Log:**

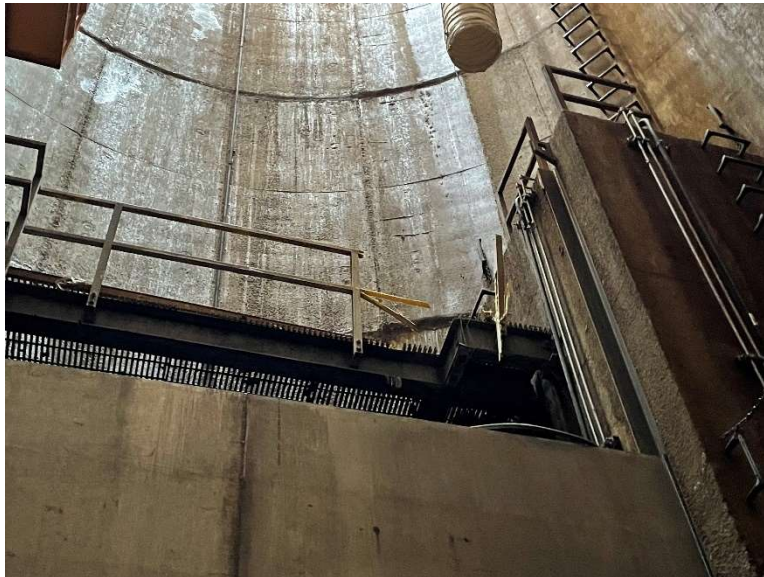


Photo 1: Damaged handrail directly above gate structure (facing upstream)

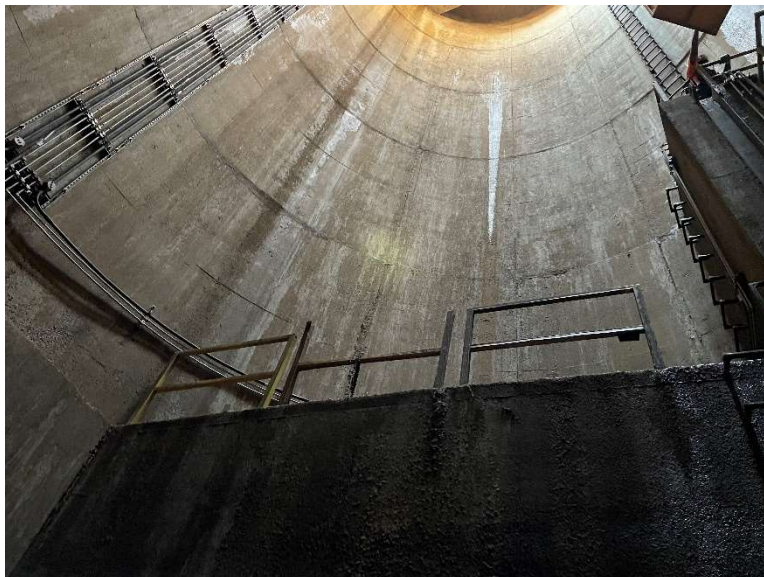


Photo 2: Damaged handrail to the west of the gate structure

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Photo 3: Spalled concrete on the west side of the shaft



Photo 4: Spalled concrete on the east side of the shaft

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Photo 5: Gouges in liner at 5' and 6' downstream

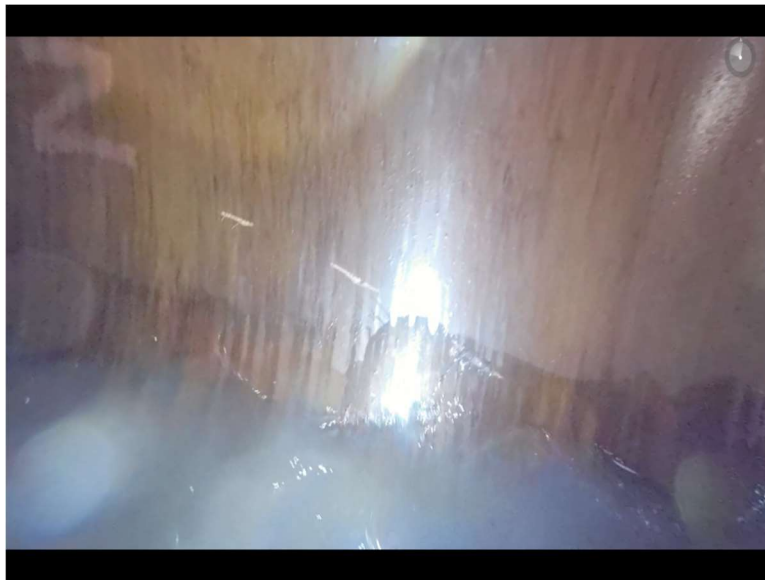


Photo 6: Typical light scratches in liner

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Photo 7: Gouges in liner at 24' and 25' downstream



Photo 8: Typical 1'' gouge in liner

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Photo 9: Damaged liner found at 855' downstream. Does not appear to be gouge from plate.



Photo 10: Gouges in liner at 1125' and 1126' downstream

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Photo 11: Damaged grout port at 684' downstream

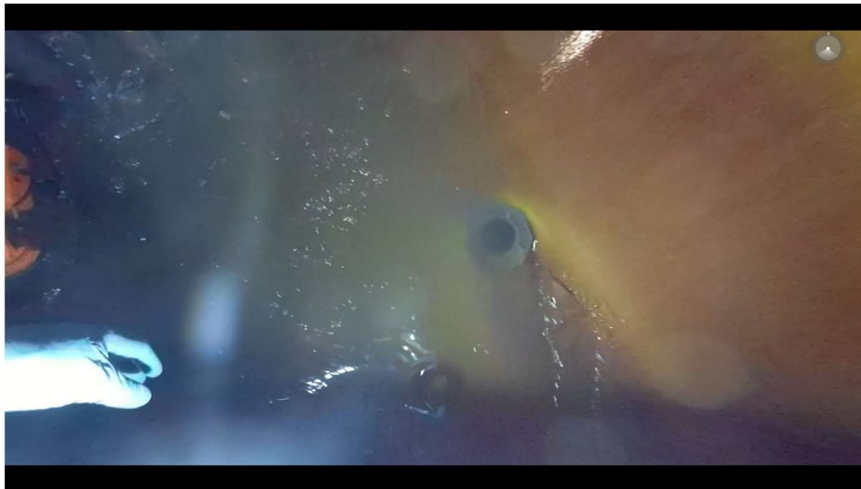


Photo 12: Damaged grout port at 1177' downstream

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Reviewed By: A. Almadhoun

\$98,226,400.00

AMOUNT OF POLICY AT  
TIME OF LOSS

07/01/20

ISSUED

07/01/24

EXPIRES

I11175077 001 / KY21K2817628

POLICY/CLAIM NUMBER

SWORN STATEMENT  
IN  
PROOF OF LOSS  
TO THE

Southfield, MI

AGENCY AT

MEADOWBROOK INC

AGENT

ACE American Insurance Company

of Alpharetta, GA

At time of loss, by the above indicated policy of insurance our insured

Oakland-Macomb Interceptor Drain Drainage District

against loss by All Risk to the property described under the above policy, according to the terms and conditions of the said policy and all forms, endorsements, transfers and assignments attached thereto.

TIME AND  
ORIGIN

A Property loss occurred on the 31st day of August, 2021

The cause and origin of the said loss were: Falling object into shaft / interceptor causing damage to platform railing and concrete.

OCCUPANCY

The building described, or containing the property described, was occupied at the time of loss as follows, and for no other purpose whatever: Pumping Station

TITLE AND  
INTEREST

At the time of the loss the interest of your insured in the property described therein was: OWNER

No other person had any interest therein or encumbrance thereon, except:

CHANGES

Since the said policy was issued there has been no assignment thereof, or change of interest, use, occupancy, possession, location or exposure of the property described, except: None Known

TOTAL  
INSURANCE

THE TOTAL AMOUNT OF INSURANCE upon the property described by this policy was, at the time of the loss, \$98,226,400.00 as more particularly specified in the apportionment attached under the policy besides which there was no policy or other contract of insurance, written or oral, valid or invalid.

VALUE

THE ACTUAL CASH VALUE OF said property at the time of loss was

VALUE

LOSS

THE WHOLE LOSS AND DAMAGE was

\$ 591,981.00

DEDUCTIBLE

Less the APPLICABLE DEDUCTIBLE

\$ (25,000.00)

AMOUNT  
CLAIMED

THE AMOUNT CLAIMED under the above numbered policy is

\$ 566,981.00

The said loss did not originate by any act, design or procurement on the part of your insured, or this affiant; nothing has been done or with the privity or consent of your insured or this affiant, to violate the conditions of the policy, or render it void; no articles are mentioned herein or in destroyed or damaged at the time of said loss; no property saved has in any manner been concealed, and no attempt to deceive the said company, as to the extent of said loss, has in any manner been made. Any other information that may be required will be furnished and considered a part of this proof.

Fraud Warning: It is a crime to provide false or misleading information to an insurer for the purpose of defrauding the insurer or any other person. Penalties include imprisonment and/or fines. In addition, an insurer may deny insurance benefits if false information materially related to a claim was provided by the applicant."

The furnishing of this blank or the preparation of proofs by a representative of the above insurance company is not a waiver of any of its rights.

State of MICHIGAN  
County of OAKLAND

X [Signature] Insured

Subscribed and sworn to before me this 22<sup>ND</sup> day of JUNE 20 22  
[Signature] Notary Public

JEFFREY S. PARROTT  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF OAKLAND  
MY COMMISSION EXPIRES Oct 31, 2022  
ACTING IN COUNTY OF OAKLAND

**CHANGE ORDER NO. THREE**

**NIEA OMID Contract One, PCI-4 Rehabilitation**  
 Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)

For Lining of the PCI-4 Interceptor and Access Structure Construction  
 Located in the City of Detroit, Wayne County, Michigan

CONTRACTOR:

**Marra Services, Inc.**

700 East 73 rd. Street  
 Cleveland, OH 44103

**Authorization for:**

- 1.) Reimbursement for the cost of Demolition and Removal of portions of the PCI-4 Geo-Polymer spray-on lining;
- 2.) Delay time costs due to emergency evacuation of Interceptor
- 3.) Additional cost for cement/ fly ash substitution.
- 4.) Adjustments to the Contract Time for Work performed under Items 3.1, 3.2, and 3.3 (above).

Date: August 05, 2022

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
3-1	<p><b><u>LOCATION:</u></b></p> <p>This reach of the PCI-4 Interceptor Sewer is located beneath segments of the Northeast Sewage Pump Station campus, East State Fair Ave, Conner Ave., and East Outer Drive Ave. in the City of Detroit, MI</p> <hr/> <p><b><u>DESCRIPTION: (Change/ Extra):</u></b></p> <p>Provide reimbursement to the Contractor for extra costs incurred during the installation of the Channeline Lining Segments in the initial 110 lf of the PCI-4 Interceptor immediately downstream of the NESPS Discharge Chamber. (Note: Adjustments to the Contract Time resulting from this additional Work are described in the following Item 3-4.)</p> <p><b><u>REASON:</u></b></p> <p>The initial 110 lf. approx. of the PCI-4 Interceptor was previously lined ( limited to the upper 270 deg. interior</p>	1	LS	\$206,603.13	\$206,603.13	-0-

NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 3

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
3-1	<p>sector) with a "Geo-Polymer" spray-on lining following the complete of the NESPS Gatehouse Emergency Repair Project. Following a service period of approx. 5 years, this lining exhibited an inability to withstand the high H2S concentrations typical to that specific reach of the Interceptor. A decision was then made to extend the Channeline lining segment limits utilized by the current NIEA C-1 Contract, the additional distance necessary to provide a complete (360 degree) lining replacement. This addition now extends the lining further to the NESPS Discharge Chamber.</p> <p>This additional lining Work was authorized by prior Change Order No. One under this Contract following the established As-Bid unit prices.</p> <p>The initial efforts to install the additional Channeline lining segments, however, were adversely impacted due to the presence of the irregular (original) spray-on lining limiting the dimensional freedom necessary to physically install and "home" the lining segments (i.e., complete the joint connection). Consequently, a removal effort was undertaken to manually demolish and remove offending portions of the Geo-Polymer spray-on lining, thereby creating adequate annular working clearance for the new lining installation.</p> <p>In addition, the work was also complicated by the initial lining segments being custom fabricated to accommodate the irregular "truncated cone transition" shape of the Interceptor portal entrance. These various issues combined further to create over-stress conditions in several of the segmental joint locations that required specialized procedures using laminated fiberglass repair techniques to maintain the full integrity of the liner.</p> <p>Lastly, the work was performed under limiting, restrictive Flow Control Management work hours mandated by NESPS pumping requirements.</p> <p>Attachment: Marra Services Correspondence of 8-03-2022</p>					
3-2	<p><b>DESCRIPTION (Extra/Add)</b></p> <p>Provide compensation for idled equipment and crew due to an unexpected "ordered evacuation" of the PCI-4 Interceptor resulting from Flow Management Operations at the NESPS.</p> <p><b>REASON:</b></p> <p>The Contractor commenced normal work operations on</p>	LS	Ea.	\$ 8,660.19	\$ 8,660.19	-0-

NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 3

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
3-2	<p>June 28, 2022 following routine LoTo Protocols and mobilization of equipment and crew in the Interceptor. During that time, routine (unrelated) operations within the NESPS inadvertently damaged a control valve on the Pump # 1 Knife gate operator that moved the knife gate to an pre-set automatic "Open" position. This condition resulted in the wet well storage levels being "communicated" to the Pump # 1 discharge system, and placed the crew working in the PCI-4 interceptor in a potentially dangerous engulfment condition.</p> <p>For reasons of obvious Worker Safety concerns, the Flow Control Manager requested all work to cease in the PCI-4 Interceptor with crews and equipment being evacuated topside to safety.</p> <p>The net impact of this necessary action resulted in the delay of one work day for the lining crew and accompanying support equipment. (Note: Schedule impacts are summarized in the following Item 3-x)</p>					
3-3	<p><b><u>DESCRIPTION: (Change/ Add):</u></b></p> <p>The design for the initial 50 lf of the Channeline segmental lining beginning at the NESPS Gatehouse portal called for the use of a structural grout that utilized "fly ash" (a waste product from coal fired power plants) as a major cementitious component. The fly ash component was eliminated, and was replaced with normal Portland cement that resulted in necessary adjustments to the segment buoyancy and the grout placing schedule.</p> <p><b><u>REASON:</u></b></p> <p>The unanticipated current marketplace unavailability of fly ash used as a cementitious product in grout mixtures mandated a replacement using a heavier Portland cement substitution. Due in part to supply chain issues, supplier inventories, and environmental regulations, fly ash mix designs were declined by the major concrete producers in the local market.</p> <p>The use of Portland cement, while acceptable as a structural substitution, resulted in a significantly heavier "unit weight" of the grout material. This factor in turn resulted in an increased buoyancy condition for the liner segments (i.e increased their undesirable tendency to "float" during grout placement), that in turn required an extra grouting sequence to ensure the buoyancy forces were safely controlled. The result of this adjustment was a full crew day added to the work schedule for one additional grout placement.</p>	LS	Ea	\$ 7,013.09	\$ 7,013.09	-0-



NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 3

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease								
3.3	<p>Ultimately, the work was completed safely and satisfactorily without incident, and future grouting operations will by plan utilize a different mix design that employs light weight cellular grout.</p> <p><i>(Note: Schedule impacts are summarized in the following Item 3-4)</i></p>													
3-4	<p><b>DESCRIPTION: (Time Adjustment/Add):</b></p> <p>The Contract Time is adjusted for a duration of 31 Calendar days to reflect the additive time required to complete the additional Work described in Items # 3-1, 3-2, and 3-3, above.</p> <p><b>REASON:</b></p> <p>The additional Work described in C.O. Items 3-1 , 3-2, and 3-3 involved a sequenced delay period that directly and adversely affected the Project Critical Path Schedule. Upon a review of the overall duration of this task, it was determined that the Contractor is entitled to a Contract Time extension of 31 Calendar Days.</p> <p>The delay times are identified as follows:</p> <table border="0" data-bbox="191 1188 789 1423"> <tr> <td>Geo-Polymer Lining Removal and Lining (Fiberglass) Repairs</td> <td style="text-align: right;">29 cal. days</td> </tr> <tr> <td>Evacuation of Interceptor</td> <td style="text-align: right;">1 cal. day</td> </tr> <tr> <td>Additional "Buoyancy" Grouting</td> <td style="text-align: right;">1 cal. day</td> </tr> <tr> <td style="text-align: right;"><b>Total:</b></td> <td style="text-align: right;"><b>31 cal. days</b></td> </tr> </table> <p>The current (previously adjusted) dates for Contract Completion are:</p> <p style="padding-left: 40px;">Substantial Completion: Dec. 07,2022</p> <p style="padding-left: 40px;">Final Completion: Jan. 06, 2023</p> <p>The proposed revised dates for Contract Completion resulting from this Change Order are:</p> <p style="padding-left: 40px;">Substantial Completion: Jan. 08, 2023</p> <p style="padding-left: 40px;">Final Completion: Feb. 07, 2023</p>	Geo-Polymer Lining Removal and Lining (Fiberglass) Repairs	29 cal. days	Evacuation of Interceptor	1 cal. day	Additional "Buoyancy" Grouting	1 cal. day	<b>Total:</b>	<b>31 cal. days</b>	Day (Cal.)	Ea.	31 Days	31 Days	-0-
Geo-Polymer Lining Removal and Lining (Fiberglass) Repairs	29 cal. days													
Evacuation of Interceptor	1 cal. day													
Additional "Buoyancy" Grouting	1 cal. day													
<b>Total:</b>	<b>31 cal. days</b>													

NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 3

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p>This Contract Time adjustment (Item 3-5) is limited to additional time only, and other direct and/or indirect costs resulting from this time extension are assumed to be incidental and non-compensable costs included in C.O. Items 3-1, 3-2, and 3.3.</p> <p style="text-align: center;">*****</p> <p style="text-align: center;"><b>END OF CHANGE ORDER NO. THREE LINE ITEMS</b></p>					
					Amount Increase	Amount Decrease
				Totals	\$222,276.41	-0-
				Net Change Cost (Add)	\$222,276.41	-0-
				Change Time (Add)	31 Calendar Days	-0-

**END OF CHANGE ORDER NO. THREE (NIEA OMID C-1), ITEMIZED DESCRIPTIONS**

NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 3

Prepared By: Lawrence T. Gilbert Date: 8-8-2022  
Lawrence T. Gilbert, P.E.  
NTH Consultants, Ltd.

Recommended By: Saju Sachidanandan Date: 8-8-2022  
Saju Sachidanandan, P.E.  
Engineer of Design, NTH Consultants, Ltd.

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Joel Brown, P.E.  
Project Manager, WRC

Approved By: Stephen Downing Date: 8/12/2022  
Stephen Downing  
Construction and Maintenance Manager, Macomb County Public Works

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

Approved by: Steven Korth Date: Aug. 17, 2022  
Steve Korth, P.E.  
Manager, WRC

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: Nicholas Marra Date: 8/12/22  
Title  
of: MARRA SERVICES, INC..

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

This Change Order No. 3 was approved by the Drainage Board on: Date: \_\_\_\_\_

## Attachment No. 1 to Change Order No. Three

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

*Contract Status Summary*  
Change Order No. Three

**NIEA OMID CONTRACT ONE, PCI-4 REHABILITATION**  
**August 05, 2022**

*Contractor: Marra Services, Inc.*

Project Award Date	January 21, 2021
Notice to Proceed Date	February 16, 2021
Contract Substantial Completion Date (Adjusted for C.O. 3)	January 08, 2023
Contract Final Completion Date (Adjusted for C.O. 3)	February 07, 2023
Original Contract Value	\$ 14,732,510.00
Previous Change Order Values (# 1 and #2)	\$ 808,198.88
Change Order Value, this C.O. # 3	\$ 222,276.41
<b><i>Adjusted Contract Value, including C.O. # 3 :</i></b>	<b>\$ 15,762,985.29</b>

**Agenda Item No. 7**

Construction Estimates

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project**  
**Located in the City of Detroit, Wayne County, Michigan**

**Regular Construction Estimate No. Twenty-Two**  
**Page One of Two**

**July 01, 2022 through July 31, 2022**

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

<b>Construction Manager at Risk:</b>	Vendor # 23191	LI 43331; exp. 12/16/22	
Walsh Construction Co.		Date of Contract:	Dec. 16, 2019
3031 West Grand Boulevard, Suite 640	(Adjusted)	Final Completion Date:	July 28, 2023
Detroit, MI 48202	Contract No. 5977		

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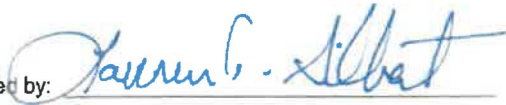
Orig. GMP amount for Pump & Elec. Upgrades Project, not including CS-9 and Pre-Const. Balance	\$44,107,745.18
Expended Pre-Construction Phase Amount	(\$1,174,363.30)
<i>Unused Pre-Construction Phase Budget</i>	(\$70,196.70)
<i>CS-9 Budget from GMP</i>	(\$3,251,117.72)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$39,612,067.46
Change Orders, This Estimate: C.O. No. 24	\$570,665.08
Previous C.O.s: (C.O.# 7, 8, 9, 10, 11,12, 13, 14, 15, 16, 17, 18, 19, 29, 21, 22, and 23)	\$3,191,514.76
Unused Pre-Construction Phase Budget	\$70,196.70
<b>Adjusted Construction Contract Amount: ( N/I CS-9)</b>	<b>\$43,444,444.00</b>
<hr/>	
Sub-Total To Date: (CS-9 Costs are Not included on this Estimate)	\$27,917,150.55
Less Deductions:	None
Gross Estimate: (Work in Place)                      Value Complete = 64.26 %	\$27,917,150.55
Less Amount Reserved (S/V Retain. @ \$2,337,933.10 - CS-9 @122,530.96 = \$2,215,402.14)	\$2,215,402.14
Total Amount Allowed To Date:	\$25,701,748.41
Less Previous Estimates:	\$24,992,722.91
Current Payment Due	\$709,025.50
Reserve Pay to Contractor:	\$0.00
Balance to Finish: \$15,527,293.45	Accounting Auditor:
<hr/>	
Amount To Be Reserved (10% of 1/2 S.V. , less CS-9 retention)	\$2,215,402.14
Less Previous Transfers To Reserve (N/I CS-9 Contract Retention)	\$2,186,868.89
<b>Amount of Current Transfer</b>	<b>\$28,533.25</b>

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD  
Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project  
Located in the City of Detroit, Wayne County, Michigan  
Walsh Construction Co. II; Construction Manager at Risk

Regular Construction Estimate No. Twenty-Two  
Page Two of Two

7/01/ 2022 through 7/31/ 2022

Prepared by:



Date:

08-03-2022

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

Recommended by:



Date:

8/10/2022

John Michalski, P.E., ASI

Recommended by:

Joel Brown, P.E. Oakland County WRC

Date:

Recommended by:



Date:

8/12/2022

Stephen Downing; Macomb County OPWC

Approved for Payment by:

Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Date:

Regular Construction Estimate No. 22 ( July, 2022)

Approved By Board On:

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

Regular Construction Estimate No. 17

Period: 7/01/22 through 7/31/22

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	100000003308	Activity:	FAC

Contractor:	Vendor # 29656 Contract # 6323		
Marra Services, Inc.	LI # 44838 exp. 1/20/23	Date of Contract:	January 21, 2021
700 E. 73 rd. Street		Final Completion Date:	September 9, 2022
Cleveland, OH 44103			

Original Construction Contract Amount		\$14,732,510.00
Previous Change Orders: No. One and Two		\$808,198.88
Change Orders This Estimate: None		\$0.00
Total Net Change Orders:		\$808,198.88
<b>Adjusted Contract Amount:</b>		<b>\$15,540,708.88</b>
<hr/>		
Sub-Total To Date		\$9,594,154.78
Less Deductions: None		\$0.00
Gross Estimate, Work in Place (61.7% Complete)		\$9,594,154.78
Less Amount Reserved (Max. at 10% of 50% C.V.)		\$777,035.44
Total Amount Allowed To Date:		\$8,817,119.34
Less Previous Estimates		\$8,513,557.12
Net Payment Request To Be Paid To Contractor:		\$303,562.22
Reserve Payment to Contractor:		\$0.00
Balance to Finish: \$5,946,554.10	Accounting Auditor:	
Amount to be Reserved from Above		\$777,035.44
Less Previous Transfers To Reserve:		\$777,035.44
Amount of Current Transfer		\$0.00

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

Date: 08-03-2022

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

Date: 8-8-2022

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

Date: \_\_\_\_\_

Recommended by: Stephen Downing  
 Stephen Downing; Macomb County OPWC

Date: 8/12/2022

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

Date: \_\_\_\_\_



**Agenda Item No. 8**

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

# Oakland Macomb Interceptor Drain (OMID) Repairs

## Project Progress Update

Prepared by:

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

## August 17, 2022 OMIDDD Board Meeting

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The following provides a status update as of the writing of this report (August 8, 2022) 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

#### Project Budget Summary (including EWOs):

- |   |              |
|---|--------------|
| • Adjusted Project Budget (including EWOs and Fan Testing Allowance): | \$567,447.00 |
| • Total Spent (through May 2021):                                     | \$566,441.58 |
| • Additional Data Gathering Budget (under NTH):                       | \$84,926.00  |
| • Additional Data Gathering Expenditure to date:                      | \$1,282.00   |

#### Status of Major Project Tasks:

- System-wide Odor/Corrosion Study and additional requested data gathering under Jacobs Engineering is substantially complete. Final Report, including updated analysis based on additionally gathered data, will be updated within the next several weeks.

### SRF Segment 2 Status:

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

### SRF Segment 3 Status:

**Contract 4: Complete**

# August 17, 2022 OMIDDD Board Meeting

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## SRF Segment 4 Status:

### Contract 5A/5B: Complete

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

### Contract 6: Complete

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

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

### Construction Complete

## NESPS & OMID Maintenance, Operations & Upgrades Status:

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

- Mersino Dewatering is under contract for standby emergency bypass pumping.
- The OMIDDD Project Team has finalized an approach for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact. Plans are now in place for the existing bypass piping remaining on site as a proposed below grade installation pending final agreement with ITC.
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, the modification of one manhole, modifications at the 15-Mile Road Site, and overall optimization of the Emergency Plan per above.

### Additional work being performed under Metco Maintenance Contract for NESPS:

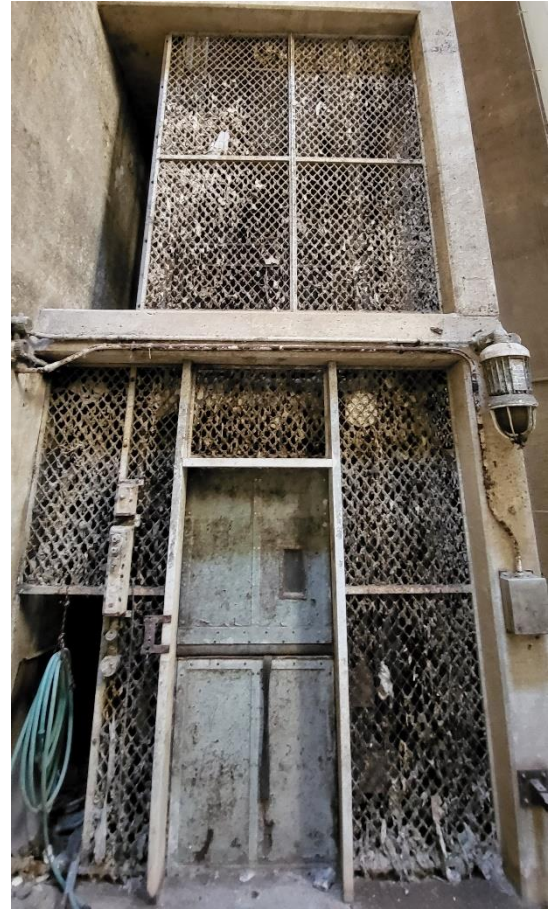
- Flow control operations related to OMID/MID/NIEA sewer repair and upgrade projects are ongoing.
- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between GLWA, MID, NESPS, and Pump/Electrical Upgrade Project has not affected station operations nor hindered performance or abilities to meet demands.
- Wet well sediment inspection and bar screen cleaning are now quarterly tasks. The Dry well (Main Elevator) **final** inspection is tentatively scheduled for August 11, 2022. All requirements have been addressed.
- Existing disabled Wet Well Elevator cleaning as part of its restoration has begun. (see photo).
- Wet well sediment inspection and bar screen cleaning are now quarterly tasks. The next sediment inspection will be performed in September, 2022.

# August 17, 2022 OMIDDD Board Meeting

- The OMIDDD Project Team continues to review past wet well/bar screen data. This effort will be used in developing best practices maintaining overall de-ragging and sediment removal efforts. Options for future automated and/or optimized cleaning are being researched and considered.
- A NESPS Controls Workshop with the OMID team and GLWA is an ongoing process, designed around new operational parameters and control strategies.
- NESPS Health and Safety Plan finalized.

## Overall NESPS Station Performance Report:

- Sanitary Pumps #2 #4, #5, and #6 ready for duty. Total pump capacity equals 500-cfs
- Specific data logging software has been installed within the Sanitary Pump #2 VFD drive PLC. Siemens maintains the ability to monitor VFD performance and fault/trip conditions. P2 VFD Pump and Motor has performed well since 2021 power cell restoration.
- Rotor integrated the existing Eaton Power Expert (Quality Power Monitoring Meter) located on the VFD Sanitary Pump #4 switchgear into the OMID SCADA system. No faults, voltage sags or spikes reported.
- Sanitary Pump #1 remains out of service as part of the upgrade project. The Pump #1 knife gate valve has been refurbished and installed. Field testing on the hydraulic actuation system in progress
- New transformer (T3) remains de-energized for permanent re-configuration. This outage is scheduled for 4-6 weeks. Utility transformer #4 will remain under load. Station is considered “single-ended.” No issues to report.
- NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their requirements and no outstanding issues to report.
- Gas detection in use. Rounds are conducted daily. Unit filters restocked and changed as required. Last filter change 8-2-22. No issues to report.
- Bio Filter performance normal with no odor complaints or issues to report. Unit has performed well during the hot summer. Parameters checked daily and shared with Bio Aire on a weekly basis.
- No-Load test performed on Stand-by generators as part of the preventative maintenance schedules. No issues to report.
- Above ground storage tank Annual Inspection completed. (SP001) Inspection form to be turned over to GLWA as required. Inspection form on file (Nexgen)
- Overall General Housekeeping tasks in order. Minor maintenance activities addressed in a timely manner.



Wet well elevator

# August 17, 2022 OMIDDD Board Meeting

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

- Daily flow control operations now support MID/OMID/NIEA repair and improvement projects.
- All LOTO protocols are in-place with no major issues to report.
- System-wide communications are good.
- CS-6 gate remains out of service (not necessary for current flow control operations). As far as repair, Hesco reports that gate parts are in. Cylinder delivery scheduled for Aug 19<sup>th</sup>. Gate disc sandblasted and painted. Overall repair expected to take place by end of August.
- Preventative maintenance tasks are ongoing.
- CS-7 in stand-by mode ready for service; Bi-Annual Preventative Maintenance scheduled for Aug 12<sup>th</sup>.
- CS-8 in stand-by mode ready for service, Bi-Annual Preventative Maintenance scheduled for Aug 6<sup>th</sup>.
- CS-5 in stand-by mode ready for service; lower limit switch scheduled for installation Aug 19<sup>th</sup>.
- CS-9 in stand-by mode ready for service; minor oil leaks inside control cabinet has been reported and under investigation.
- Routine daily rounds and inspection made with no major maintenance issues to report.

## **Other System Operation Issues**

- O&M Manual currently being revised to include new structures, recently modified structures, new monitoring equipment, and recent inspection and repair status.
- EGLE has informally agreed to consent to use of all flow control structures for long term flow control. Request for formal consent is promised but not yet received.

## **OMID Control Structure Upgrades Status:**

- ASI is now contracted for design of major upgrades to control structures that considers long-term operability. Initial planning in process.

## **OMID System 3-Year Spot Repairs Status:**

- Remaining 3-year spot repair work consists of step removal at one manhole in PCI-8, delayed due to access issues and timing of other work.

## **OMID System 6-Year Inspection Status:**

- The 6-Year inspection began July 8, 2021. Flow Control delays have hampered inspections. Inspections of portions of PCI-7 were performed on June 21, 2022 and additional inspections are planned for the end of this month.
- Some damage noted to the CIPP Liner installed in 42" section of PCI-11A. Current plan is for Doetsch to remove the damaged section, grind the edges, and assess if anything more is necessary. Work has been delayed due to permit and access issues, as well as availability of work crews.

# August 17, 2022 OMIDDD Board Meeting

## NIEA Repairs (Design/Construction)

### Contract 1 (PCI-4 Rehabilitation): In Construction

**Amt Invoiced:** Construction cost to date is \$9,594,154.78 representing 61.7 % of the Contract value.

**Schedule Status:** Current adjusted Substantial Completion date is December 2, 2022. Currently, the Contractor is operating approximately 6 weeks behind the adjusted schedule, but anticipates this shortfall can be partially made up with productive lining and grouting work now in the stages of regular production.

#### Contract 1 (PCI-4 Rehabilitation) Construction Status:

- Currently, 100% of the Channeline segments are now on site and being assembled, and 100% of the Rockhard SCP segments have been manufactured and also delivered to the jobsite. Progress continues on the QuakeWrap lining pipe at the Hastings, MI manufacturing facility.
- Initial adjustments to pipe carrier are complete and carrier is functioning properly.
- Initial transition section of Channeline lining segment is installed; bulkhead complete, and first few pipe sections have been installed, homed, and grouted in place. As of 8-5-22, 152.6 lf of Channeline has been installed out of a total planned of 1,327 feet.
- Geotechnical monitoring of construction activities at the access shaft location indicates continuing stable conditions.



Channeline pipe being lowered into the Interceptor



Work on Discharge Chamber taper transition

## August 17, 2022 OMIDDD Board Meeting

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View downstream of Channeline pipe installed



Channeline pipe placement from behind pipe carrier

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

**Amt Invoiced:** \$2,400,570 out of currently projected study/design budget of \$2,400,570;

**Schedule Status:** Contract 2: 100% design work complete; expected to bid in 2022 Q4 pending permit and easement acquisition resolution and coordination with GLWA projects that impact flow control requirements.

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

- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation 100% drawing set has been workshopped with OMIDDD and is ready for advertisement, pending GLWA agreement.
- Flow control measures necessary to complete Contract 2 work may impact a downstream GLWA project (DB-226). Contract 2 is being structured such that potential interference between the two contracts can be mitigated, and major interference is not expected at this time.
- Current City of Detroit permitting and easement issues are nearly resolved; certain follow-up issues remaining.
- Working with GLWA to develop cost sharing agreement; Draft agreement is currently being negotiated.

# August 17, 2022 OMIDDD Board Meeting

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

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Lining Study Final Report	\$126,744		10/30/2019
90%, 100% Design Package			3/20/2020 and 4/28/2020 (Contract 1) 4/16/2021* and TBD* (Contract 2)
MDEQ Submittal (Part 41)			4/28/2020 (Contract 1) Pending* (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) TBD* (Contract 2)
Bid Opening			9/30/2020 (Contract 1) TBD* (Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) TBD* (Contract 2)
Subtotal - Design	\$2,400,570		
Final Completion of Construction	\$3,500,000	\$35,000,000	12/2/2022 (Contract 1) 8/30/2024 (Contract 2, estimated)

## NESPS Pump and Electrical Upgrades Project

**Budget Status:** \$1,280,139 billed out of current Design Budget of \$1,382,430; \$968,018 out of the current CCA Budget of \$2,443,262. Total construction budget currently established as \$46,187,996.94, including contingencies, through proposed C.O. #23. The total construction amount invoiced to date as of June 30, 2022, is \$ 31,175,442.80 (including the now completed and operational Control Structure 9 Bulkhead Gate facility, and adjusted for stored material inclusion in major work activities), representing 66.7% of the combined project (Pump & Electrical Upgrades and CS-9 Gate Installation).

**Schedule Status:** Currently work is approximately 5 months late, resulting from a combination of supply chain issues and other issues. Contractor is working on an enhanced schedule to make up time but will likely be unable to meet the scheduled completion date. Discussions for additional time and/or schedule adjustments are pending. The Contractor is also working an adjusted time shift schedule to cooperate with the NIEA C-1 Project for mutual Flow Control needs.

The following Design Team and Construction Services Effort is active:

- The new Sewage Pump # 3 and Motor has now been delivered to the NESPS and is substantially installed. Factory performance tests have been conducted with each separate component, and the pump and motor assembly are being re-tested in place at the NESPS. Pump 3 began start up “wet” testing in mid-July. While the pump and motor performed satisfactorily, special componentry of the motor “exciters” was determined to require replacement; parts are expected to arrive by 2<sup>nd</sup>. Week of August, 2022.
- Sewage Pump and Motor No. 1 is following closely behind Pump 3 and near substantially installed. Factory performance tests were conducted with each separate component, and the pump and motor assembly will be re-tested at the NESPS. Pump 1 startup “wet” testing was



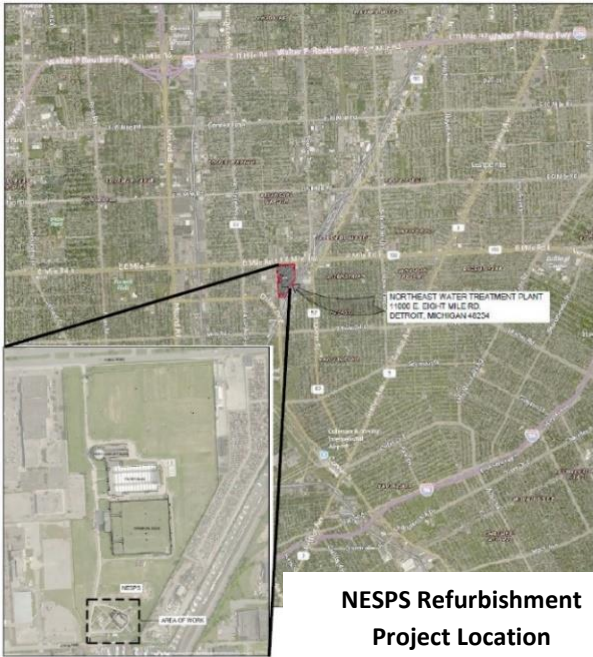
## August 17, 2022 OMIDDD Board Meeting

planned for mid-august, although, special componentry of the motor “exciters” was determined to require replacement; parts are expected to arrive by 2<sup>nd</sup>. Week of August 2022.

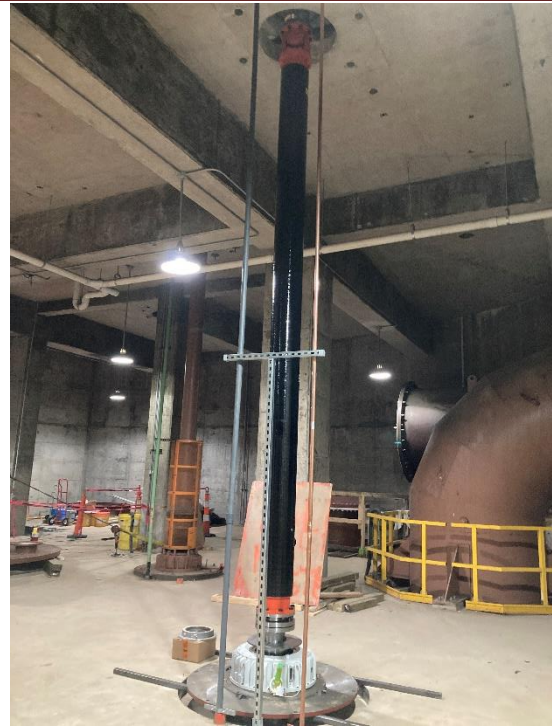
- Electrical work on the primary cable installation from the transformers to the new metal clad switchgear is complete.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- Discharge piping work is complete on Pumps # 1 and # 3, including pressure testing.
- Chemical injection to seal groundwater infiltration at the existing discharge pipe wall penetrations is substantially complete, with final efforts on hold to observe the initial stages of grouting and determine if further measures may be required for final leak control.
- Small diameter conduit runs are being installed in the existing NESPS building with favorable progress, now approaching substantial completion for this activity.
- Knife Gate 1 is refurbished and has been reinstalled on site and available for service.
- Steel discharge piping for Pumps 5 and 6 is now at the Toledo, OHG facility for sand blast preparation and painting.
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone	Design/CCA Budget	Const Budget	Estimated Delivery Date
2 Final Basis of Design			5/31/2019
7 MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8 90% Design Submittal			6/30/20
9 Final Package Development			8/14/2020
Subtotal	\$3,826,000	\$44,100,000	
10 Substantial Completion	\$2,500,000 (est.)	\$44,100,000 (est.)	9/22/2023 (late)
11 Final Completion			12/21/2023 (late)

# August 17, 2022 OMIDDD Board Meeting



**NESPS Refurbishment  
Project Location**



**Installed pump drive shaft**



**NESPS Interior**

# August 17, 2022 OMIDDD Board Meeting

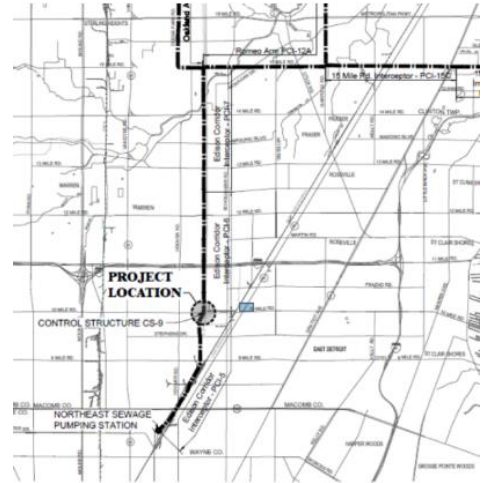
## CS-9 Gate Installation

**Budget Status:** Total construction budget currently established as approximately \$3,314,218.01

**Schedule Status:** Construction complete;  
Repairs pending

The following work is active:

- All major work is complete and the Hydrogate gate is in regular use for flow control management.
- Site restoration is substantially complete and will be fully completed following Hobas Repairs.
- Doetsch Environmental is engaged to provide Hobas Lining repair and platform repair services. Repairs are now being scheduled with insurance carrier approval



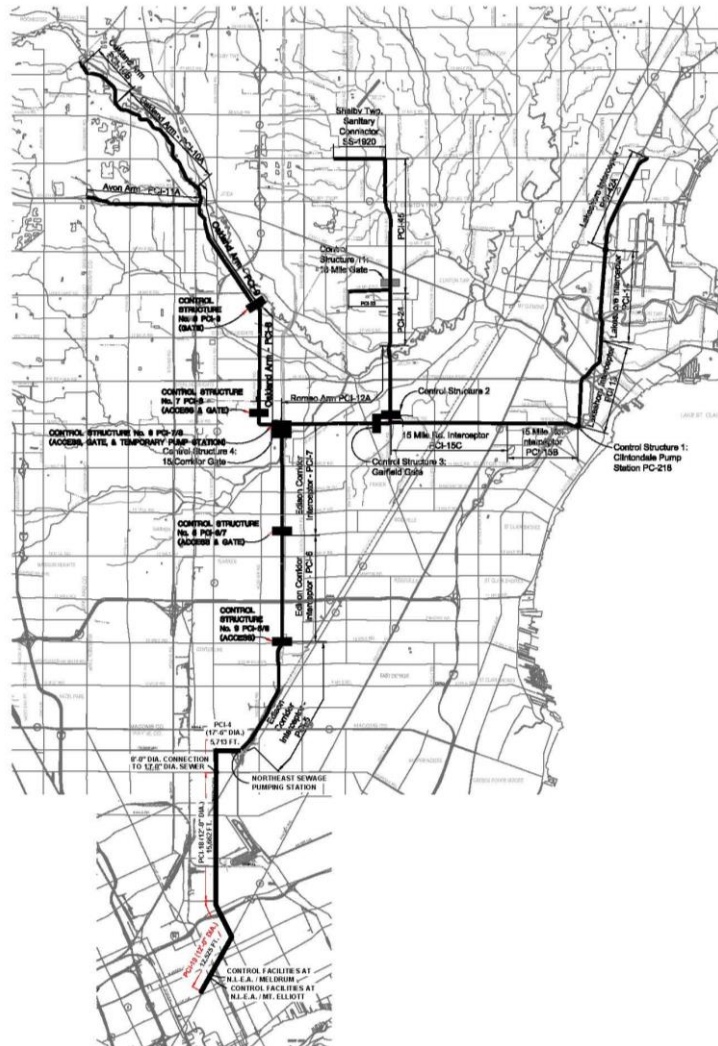
CS-9 Project location

## Summary of OMID Design and Construction Status:

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

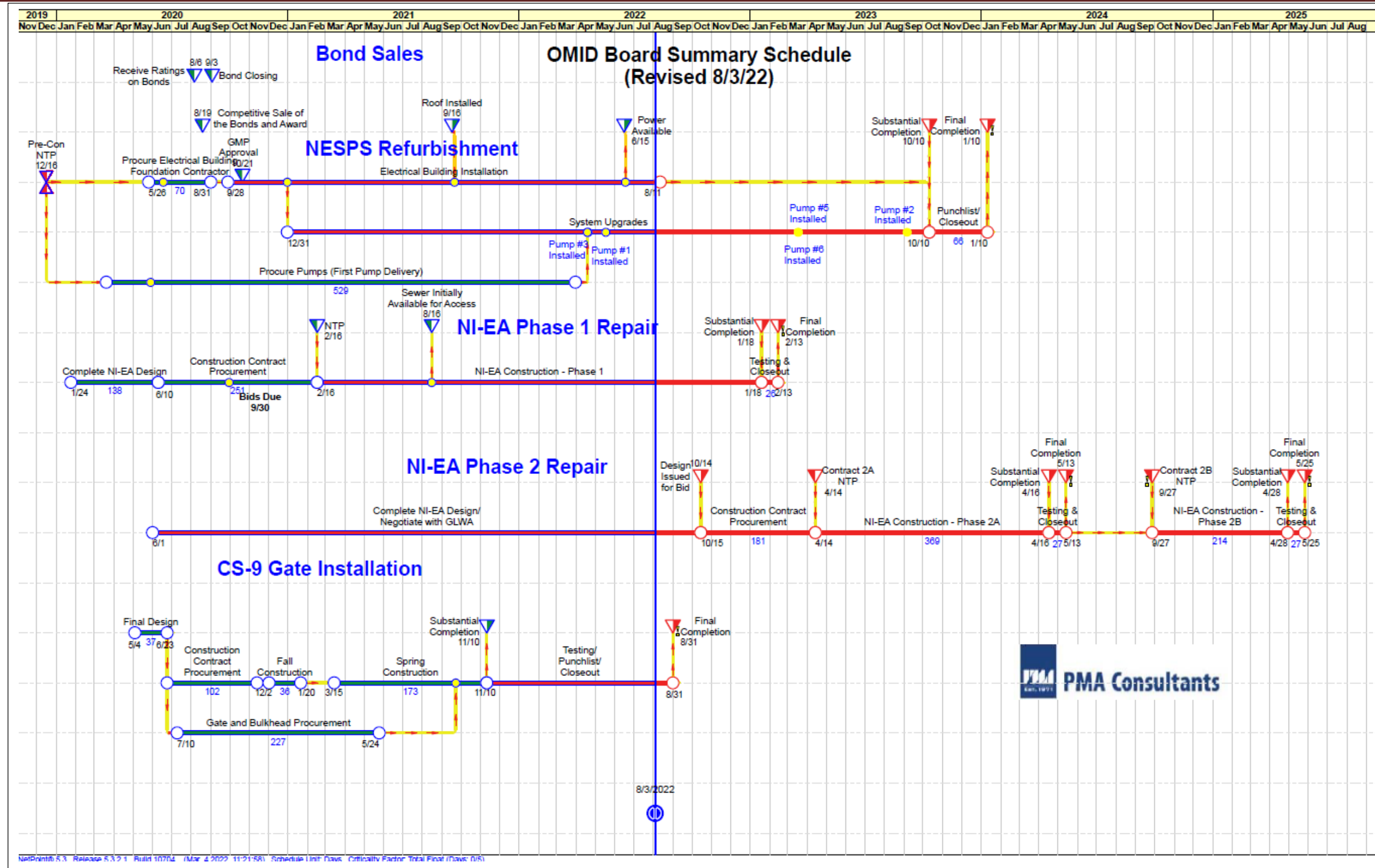
# August 17, 2022 OMIDDD Board Meeting

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study Complete, final report pending
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design Complete; pursuing cost sharing w/ GLWA
Emergency Pumping Plan	ASI/FKE	Draft Plan to be modified following ITC bypass pumping modifications



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

# August 17, 2022 OMIDDD Board Meeting





**Agenda Item No. 9**

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

**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-13308 OMID NI-EA CONSTRUCTION  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2022 - Jul

Project	Start Date	Final Budget	Actuals MTD	Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	11/1/2020	28,395,600.00	643,353.77	162,370.72	19,839,802.44	20,002,173.16	19,839,802.44	8,555,797.56
1 > Administration		584,000.00	0.00	0.00	0.00	0.00	0.00	584,000.00
1 > Contingency		2,581,000.00	0.00	0.00	0.00	0.00	0.00	2,581,000.00
1 > Engineering		478,000.00	3,260.89	0.00	143,306.84	143,306.84	143,306.84	334,693.16
1 > Engineering Consultants		4,913,000.00	253,954.96	(13,393.61)	3,694,208.54	3,680,814.93	3,694,208.54	1,218,791.46
1 > Facility Acquisition		17,983,600.00	331,260.10	0.00	15,528,310.29	15,528,310.29	15,528,310.29	2,455,289.71
1 > Inspection		260,000.00	0.00	0.00	0.00	0.00	0.00	260,000.00
1 > Legal and Financial		1,259,000.00	1,269.00	918.00	156,269.90	157,187.90	156,269.90	1,102,730.10
1 > Right of Way		265,000.00	0.00	0.00	91,765.02	91,765.02	91,765.02	173,234.98
1 > Standard		40,000.00	53,608.82	174,846.33	225,941.85	400,788.18	225,941.85	(185,941.85)
1 > Survey		32,000.00	0.00	0.00	0.00	0.00	0.00	32,000.00
Project Revenues	11/1/2020	0.00	0.00	0.00	24,171,142.65	(24,171,142.65)	24,171,142.65	
RC605572 - Special		0.00	0.00	0.00	2,206,043.00	(2,206,043.00)	2,206,043.00	
RC697551 - Issuance of Bonds		0.00	0.00	0.00	21,965,099.65	(21,965,099.65)	21,965,099.65	
<b>Revenue Over/ (Under) Expenses</b>							<b>4,331,340.21</b>	



**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-13309 NESPS MECH-ELEC CONSTRUCTION  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2022 - Jul

<b>Project</b>	<b>Start Date</b>	<b>Final Budget</b>	<b>Actuals MTD</b>	<b>Actuals YTD</b>	<b>Total Spend</b>	<b>Actuals LTD</b>	<b>Variance</b>
Project Expenses	11/1/2020	54,086,000.00	4,062,123.20	36,322,077.32	36,322,077.32	36,322,077.32	17,763,922.68
1 > Administration		620,000.00	0.00	44,200.00	44,200.00	44,200.00	575,800.00
1 > Contingency		4,917,000.00	0.00	0.00	0.00	0.00	4,917,000.00
1 > Engineering		446,000.00	8,859.15	234,966.85	234,966.85	234,966.85	211,033.15
1 > Engineering Consultants		3,987,000.00	88,460.52	1,937,441.65	1,937,441.65	1,937,441.65	2,049,558.35
1 > Facility Acquisition		40,857,000.00	3,600,132.78	32,779,180.10	32,779,180.10	32,779,180.10	8,077,819.90
1 > Inspection		285,000.00	5,623.85	449,915.35	449,915.35	449,915.35	(164,915.35)
1 > Legal and Financial		2,417,000.00	0.00	179,800.00	179,800.00	179,800.00	2,237,200.00
1 > Right of Way		393,000.00	0.00	0.00	0.00	0.00	393,000.00
1 > Standard		130,000.00	359,046.90	696,573.37	696,573.37	696,573.37	(566,573.37)
1 > Survey		34,000.00	0.00	0.00	0.00	0.00	34,000.00
Project Revenues	11/1/2020	0.00	0.00	46,039,857.01	(46,039,857.01)	46,039,857.01	
Revenue		0.00	0.00	4,202,235.00	(4,202,235.00)	4,202,235.00	
RC697551 - Issuance of Bonds		0.00	0.00	41,837,622.01	(41,837,622.01)	41,837,622.01	
<b>Revenue Over/ (Under) Expenses</b>						<b>9,717,779.69</b>	

**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-13252 OMID Segment 5  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2022 - Jul

<b>Project</b>	<b>Start Date</b>	<b>Actuals MTD</b>	<b>Actuals YTD</b>	<b>Total Spend YTD</b>	<b>Actuals LTD</b>
Project Expenses	8/1/2020	0.00	749,670.65	749,670.65	749,670.65
1 > Administration		0.00	242,201.57	242,201.57	242,201.57
1 > Legal and Financial		0.00	514,935.00	514,935.00	514,935.00
1 > Standard		0.00	(7,465.92)	(7,465.92)	(7,465.92)
Project Revenues	8/1/2020	0.00	1,846,608.41	(1,846,608.41)	1,846,608.41
Revenue		0.00	108,835.74	(108,835.74)	108,835.74
Adjustments		0.00	(161,449.04)	161,449.04	(161,449.04)
Investments		0.00	814,218.62	(814,218.62)	814,218.62
Sold		0.00	7,672,724.75	(7,672,724.75)	7,672,724.75
RC697551 - Issuance of Bonds		0.00	(6,587,721.66)	6,587,721.66	(6,587,721.66)
<b>Revenue Over/ (Under) Expenses</b>					<b>1,096,937.76</b>

**OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS**

OMI DD Meeting Date 8/17/2022

		84917	84917	82912	
		1-3308	1-3309		
<b>Payable To</b>	<b>Invoice #</b>	<b>Segment 5 NIEA Construction</b>	<b>Segment 5 NESPS Mech / Electric Construction</b>	<b>Operations &amp; Maintenance</b>	<b>Total</b>
Oakland County *	WRC Labor/Fringes/Non-direct Labor	9,168.34	56,255.90		\$65,424.24
Oakland County *	WRC Equipment	188.72	407.14		\$595.86
Applied Science, Inc	Invoice # 42 (ASI Inv. #8199) Services 06/26/22 to 07/30/22		113,280.89		\$113,280.89
Clark Hill PLC	Invoice # 1220403 Matter 424741 Services Through 06/30/2022			13,608.00	\$13,608.00
Clark Hill PLC	Invoice # 1220405 Matter 404547 Services Through 06/30/2022	135.00			\$135.00
Dickinson Wright PLLC	Invoice # 1715594 Matter 012840-00436 Service through 06/30/2022			1,619.50	\$1,619.50
HESCO	Invoice # 2213786 Preventative Maintenance 07/07/2022			4,016.75	\$4,016.75
Jaobs Consultants, Inc.	Invoice # C6A19900-02 OMIDD Odor & Corrosion Facilities 5/28/22 - 6/24/22			70,618.37	\$70,618.37
Kenedy Industries	Invoice # 630978 - 1 NESPS Field Service 04/29/22			1,518.00	\$1,518.00
Kenedy Industries	Invoice # 631969 NESPS Field Service 06/28/22			1,040.95	\$1,040.95
METCO	Invoice # 1811-43 Through 07/31/22			80,733.91	\$80,733.91
Motor City Electric Technologies	Invoice # 94500 NESP SCADA Cut Over Service Date 05/19/22			351.00	\$351.00
Motor City Electric Technologies	Invoice # 94596 NESP SCADA Cut Over Service Date 07/18/22			252.00	\$252.00
NTH Consultants	Invoice # 630201 Engineering Design NI-EA PCI-4 Through 07/22/2022	1,663.50			\$1,663.50
NTH Consultants	Invoice # 6302024 (D-425) Engineering Svices Through 07/22/2022	68,698.49			\$68,698.49
NTH Consultants	Invoice # 630204 (D-421) Engineering Design NESPS Through 07/22/2022		1,029.71		\$1,029.71
NTH Consultants	Invoice # 630205 2021 OMIDD System Inspection Through 07/22/2022			1,328.50	\$1,328.50
NTH Consultants	Invoice # 630206 NESPS Close-Out & Maintenance Tasks Through 07/22/2022			603.73	\$603.73
NTH Consultants	Invoice # 630207 Engineering Work D 439 & NESPS Maintenance Through 07/22/2022			929.69	\$929.69
Rotor Electric Company	Invoice # 12530 P4 Loto For Pumo Inpectiom 07/13/22			1,569.00	\$1,569.00
Rotor Electric Company	Invoice # 12531 P2 VFD Fan Motors 07/01/22			7,082.93	\$7,082.93
Rotor Electric Company	Invoice # 12532 P5Brush Holders 07/01/22			2,357.42	\$2,357.42
	Total Invoices/Reimbursements for Approval	\$79,854.05	\$170,973.64	\$187,629.75	\$438,457.44
	* Less WRC Charges already paid from OMI Fund	(9,357.06)	(56,663.04)	0.00	(66,020.10)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	\$70,496.99	\$114,310.60	\$187,629.75	\$372,437.34

## **Agenda Item No. 10**

### **Invoices**

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/23/2022 - 07/15/2022									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	05/11/22	04/25/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/11/22	04/26/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/11/22	04/28/22	BROWN, JOEL	4.00	501.80	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/11/22	05/02/22	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/11/22	05/04/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/11/22	05/05/22	BROWN, JOEL	4.00	501.80	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/09/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/10/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/12/22	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/16/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/17/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/18/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/19/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	05/26/22	05/20/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	05/23/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	05/24/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	05/25/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	05/26/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	05/27/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	05/31/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/01/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/02/22	BROWN, JOEL	5.00	627.25	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/06/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/09/22	BROWN, JOEL	4.00	501.80	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/10/22	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/13/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/15/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	06/20/22	06/16/22	BROWN, JOEL	4.00	501.80	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/21/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/22/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/23/22	BROWN, JOEL	3.00	376.35	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/24/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/27/22	BROWN, JOEL	3.00	376.35	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/28/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/29/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	06/30/22	BROWN, JOEL	7.50	940.88	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	07/12/22	07/01/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
			<b>BROWN, JOEL Total</b>		<b>9,596.99</b>				
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	0.50	47.46	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	04/27/22	04/26/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	04/27/22	04/27/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	04/29/22	04/28/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	04/29/22	04/29/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/03/22	05/03/22	CARLEY, JOSEPH	4.00	326.60	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/05/22	05/05/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/13/22	05/13/22	CARLEY, JOSEPH	2.00	163.30	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/18/22	05/16/22	CARLEY, JOSEPH	1.50	122.48	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/26/22	05/26/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/03/22	06/03/22	CARLEY, JOSEPH	5.00	408.25	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/07/22	06/06/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/14/22	06/13/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/21/22	06/21/22	CARLEY, JOSEPH	1.50	122.48	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/24/22	06/23/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	CARLEY, JOSEPH	4.00	326.60	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
			<b>CARLEY, JOSEPH Total</b>		<b>2,333.67</b>				
1094845	06/28/22	06/27/22	IGNASH, MICHAEL	3.00	271.20	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	06/29/22	06/28/22	IGNASH, MICHAEL	3.00	271.20	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	3.00	271.20	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	3.00	271.20	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	1.50	135.60	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	3.00	271.20	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	3.00	271.20	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	1.50	135.60	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	2.00	180.80	OVERTIME	WRCCDM	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/28/22	06/28/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	8.00	622.08	REGULAR	WRCCDM	PRJ-13309	INSPECTION
			<b>IGNASH, MICHAEL Total</b>		<b>7,677.92</b>				
1094849	05/06/22	04/25/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	05/06/22	04/26/22	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	05/06/22	04/27/22	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13309	ENGINEERING



1094845	05/09/22	05/09/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/10/22	05/10/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/11/22	05/11/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/12/22	05/12/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/13/22	05/13/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/16/22	05/16/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/18/22	05/18/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/19/22	05/19/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/20/22	05/20/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/23/22	05/23/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/25/22	05/25/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/26/22	05/26/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/27/22	05/27/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	05/31/22	05/31/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/01/22	06/01/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/02/22	06/02/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/06/22	06/06/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/08/22	06/08/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/09/22	06/09/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/10/22	06/10/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/13/22	06/13/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/15/22	06/15/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	8.00	564.24	REGULAR	WRCCDM	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	ROBERTS, PATRICK	2.00	141.06	REGULAR	WRCCDM	PRJ-13309	INSPECTION
			<b>ROBERTS, PATRICK Total</b>		<b>28,079.70</b>				
			<b>Grand Total</b>		<b>56,255.90</b>				

**OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/23/2022 - 07/15/2022**

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	05/11/22	04/25/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/11/22	04/25/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/11/22	04/25/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/11/22	04/26/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/11/22	04/26/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/11/22	04/26/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/11/22	04/28/22	BROWN, JOEL	4	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/11/22	04/28/22	BROWN, JOEL	4	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/11/22	04/28/22	BROWN, JOEL	4	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/11/22	05/02/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/11/22	05/02/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/11/22	05/02/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/11/22	05/04/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/11/22	05/04/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/11/22	05/04/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/11/22	05/05/22	BROWN, JOEL	4	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/11/22	05/05/22	BROWN, JOEL	4	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/11/22	05/05/22	BROWN, JOEL	4	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/09/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/09/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/09/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/10/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/10/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/10/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/12/22	BROWN, JOEL	3.5	1.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/12/22	BROWN, JOEL	3.5	0.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/12/22	BROWN, JOEL	3.5	8.19	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/16/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/16/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/16/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/17/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/17/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/17/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/18/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/18/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/18/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/19/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/22	05/19/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/19/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/20/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/22	05/20/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/22	05/20/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/23/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/23/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	05/23/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	05/24/22	BROWN, JOEL	0.5	1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	05/24/22	BROWN, JOEL	0.5	0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/24/22	BROWN, JOEL	0.5	0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	05/25/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	05/25/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/25/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	05/26/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/26/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	05/26/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	05/27/22	BROWN, JOEL	0.5	0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	05/27/22	BROWN, JOEL	0.5	0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/27/22	BROWN, JOEL	0.5	1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	05/31/22	BROWN, JOEL	0.5	0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	05/31/22	BROWN, JOEL	0.5	1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	05/31/22	BROWN, JOEL	0.5	0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/01/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/01/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/01/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/02/22	BROWN, JOEL	5	1.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/02/22	BROWN, JOEL	5	2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/02/22	BROWN, JOEL	5	11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/06/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/06/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/06/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/09/22	BROWN, JOEL	4	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/09/22	BROWN, JOEL	4	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/09/22	BROWN, JOEL	4	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/10/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/10/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING



1094849	06/20/22	06/10/22	BROWN, JOEL		2.5	5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/13/22	BROWN, JOEL		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/13/22	BROWN, JOEL		1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/13/22	BROWN, JOEL		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/15/22	BROWN, JOEL		2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/15/22	BROWN, JOEL		2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/15/22	BROWN, JOEL		2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/20/22	06/16/22	BROWN, JOEL		4	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/20/22	06/16/22	BROWN, JOEL		4	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/20/22	06/16/22	BROWN, JOEL		4	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/21/22	BROWN, JOEL		1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/21/22	BROWN, JOEL		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/21/22	BROWN, JOEL		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/22/22	BROWN, JOEL		1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/22/22	BROWN, JOEL		1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/22/22	BROWN, JOEL		1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/23/22	BROWN, JOEL		3	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/23/22	BROWN, JOEL		3	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/23/22	BROWN, JOEL		3	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/24/22	BROWN, JOEL		1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/24/22	BROWN, JOEL		1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/24/22	BROWN, JOEL		1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/27/22	BROWN, JOEL		3	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/27/22	BROWN, JOEL		3	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/27/22	BROWN, JOEL		3	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/28/22	BROWN, JOEL		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/28/22	BROWN, JOEL		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/28/22	BROWN, JOEL		1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/29/22	BROWN, JOEL		2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	06/29/22	BROWN, JOEL		2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/29/22	BROWN, JOEL		2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/30/22	BROWN, JOEL		7.5	3.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	06/30/22	BROWN, JOEL		7.5	17.55	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	06/30/22	BROWN, JOEL		7.5	1.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	07/12/22	07/01/22	BROWN, JOEL		1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	07/12/22	07/01/22	BROWN, JOEL		1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	07/12/22	07/01/22	BROWN, JOEL		1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			<b>BROWN, JOEL Total</b>			<b>228.80</b>				
1094845	04/27/22	04/26/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	04/27/22	04/26/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	04/27/22	04/26/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	04/27/22	04/27/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	04/27/22	04/27/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	04/27/22	04/27/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	04/29/22	04/28/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	04/29/22	04/28/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	04/29/22	04/28/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	04/29/22	04/29/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	04/29/22	04/29/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	04/29/22	04/29/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	05/03/22	05/03/22	CARLEY, JOSEPH		4	9.36	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	05/03/22	05/03/22	CARLEY, JOSEPH		4	22.76	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	05/03/22	05/03/22	CARLEY, JOSEPH		4	1.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	05/05/22	05/05/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	05/05/22	05/05/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	05/05/22	05/05/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	05/13/22	05/13/22	CARLEY, JOSEPH		2	11.38	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	05/13/22	05/13/22	CARLEY, JOSEPH		2	0.80	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	05/13/22	05/13/22	CARLEY, JOSEPH		2	4.68	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	05/18/22	05/16/22	CARLEY, JOSEPH		1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	05/18/22	05/16/22	CARLEY, JOSEPH		1.5	8.54	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	05/18/22	05/16/22	CARLEY, JOSEPH		1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	05/26/22	05/26/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	05/26/22	05/26/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	05/26/22	05/26/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/03/22	06/03/22	CARLEY, JOSEPH		5	2.00	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/03/22	06/03/22	CARLEY, JOSEPH		5	11.70	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/03/22	06/03/22	CARLEY, JOSEPH		5	28.45	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/07/22	06/06/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/07/22	06/06/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/07/22	06/06/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/14/22	06/13/22	CARLEY, JOSEPH		1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/14/22	06/13/22	CARLEY, JOSEPH		1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/14/22	06/13/22	CARLEY, JOSEPH		1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/21/22	06/21/22	CARLEY, JOSEPH		1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/21/22	06/21/22	CARLEY, JOSEPH		1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/21/22	06/21/22	CARLEY, JOSEPH		1.5	8.54	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION

1094845	06/24/22	06/23/22	CARLEY, JOSEPH	1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/24/22	06/23/22	CARLEY, JOSEPH	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/24/22	06/23/22	CARLEY, JOSEPH	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	CARLEY, JOSEPH	4	1.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	CARLEY, JOSEPH	4	9.36	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	CARLEY, JOSEPH	4	22.76	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	0.5	0.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	0.5	1.17	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/01/22	06/30/22	CARLEY, JOSEPH	0.5	2.85	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
			<b>CARLEY, JOSEPH Total</b>		<b>240.27</b>				
1094845	06/28/22	06/27/22	IGNASH, MICHAEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/28/22	06/27/22	IGNASH, MICHAEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/28/22	06/27/22	IGNASH, MICHAEL	3	17.07	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/27/22	06/27/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/28/22	06/28/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/28/22	06/28/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/28/22	06/28/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/29/22	06/28/22	IGNASH, MICHAEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/29/22	06/28/22	IGNASH, MICHAEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/29/22	06/28/22	IGNASH, MICHAEL	3	17.07	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/29/22	06/29/22	IGNASH, MICHAEL	3	17.07	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	3	17.07	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	IGNASH, MICHAEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/01/22	07/01/22	IGNASH, MICHAEL	1.5	8.54	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	3	17.07	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/05/22	07/05/22	IGNASH, MICHAEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	3	17.07	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/06/22	07/06/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	1.5	8.54	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/07/22	07/07/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	8	45.52	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	07/08/22	07/08/22	IGNASH, MICHAEL	2	11.38	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	INSPECTION
			<b>IGNASH, MICHAEL Total</b>		<b>800.86</b>				
1094849	05/06/22	04/25/22	LOCKHART, SIDNEY	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/06/22	04/25/22	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/06/22	04/25/22	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/06/22	04/25/22	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/06/22	04/26/22	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/06/22	04/26/22	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/06/22	04/26/22	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/06/22	04/26/22	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/06/22	04/27/22	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING









1094845	06/15/22	06/15/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/15/22	06/15/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/16/22	06/16/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/17/22	06/17/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/18/22	06/18/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/18/22	06/18/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/18/22	06/18/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/20/22	06/20/22	ROBERTS, PATRICK	9	3.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/20/22	06/20/22	ROBERTS, PATRICK	9	21.06	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/20/22	06/20/22	ROBERTS, PATRICK	9	51.21	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	7	2.80	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	7	16.38	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/23/22	06/22/22	ROBERTS, PATRICK	7	39.83	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/23/22	06/23/22	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/24/22	06/24/22	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	06/30/22	06/30/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
			<b>ROBERTS, PATRICK Total</b>		<b>3,228.69</b>				
1094849	07/08/22	02/18/22	PS Assigned Equipment	0	(40.37)	UNASSIGNED-I		PRJ-13309	ENGINEERING
1094845	07/08/22	02/18/22	PS Assigned Equipment	0	(906.23)	UNASSIGNED-I		PRJ-13309	INSPECTION
1094845	06/17/22	04/02/22	PS Assigned Equipment	0	(615.39)	UNASSIGNED-I		PRJ-13309	INSPECTION
1094849	07/08/22	04/22/22	PS Assigned Equipment	0	(52.69)	UNASSIGNED-I		PRJ-13309	ENGINEERING
1094845	07/08/22	04/22/22	PS Assigned Equipment	0	(1,105.28)	UNASSIGNED-I		PRJ-13309	INSPECTION
1094849	07/08/22	04/22/22	PS Assigned Equipment	0	(80.74)	UNASSIGNED-I		PRJ-13309	ENGINEERING
1094845	07/08/22	04/22/22	PS Assigned Equipment	0	(1,812.46)	UNASSIGNED-I		PRJ-13309	INSPECTION
			<b>PS Assigned Equipment Total</b>		<b>(4,613.16)</b>				
			<b>Grand Total</b>		<b>407.14</b>				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/23/2022 - 07/15/2022									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	5/11/22	4/26/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/11/22	4/27/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/11/22	5/2/22	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/11/22	5/3/22	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/11/22	5/4/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/11/22	5/6/22	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/9/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/10/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/12/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/13/22	BROWN, JOEL	3.00	376.35	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/16/22	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/17/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/18/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/22	5/20/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	5/24/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	5/25/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	5/26/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	5/27/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	5/31/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	6/3/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	6/7/22	BROWN, JOEL	5.00	627.25	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	6/9/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	6/10/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	6/13/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/20/22	6/15/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	6/21/22	BROWN, JOEL	0.50	62.73	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	6/22/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	6/23/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	6/24/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	6/27/22	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	6/28/22	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/12/22	7/1/22	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			<b>BROWN, JOEL Total</b>		<b>6,523.45</b>				
1094815	6/2/22	5/16/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/2/22	5/19/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/6/22	6/2/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/17/22	6/9/22	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/20/22	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/21/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/22/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/23/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/27/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/28/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/29/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/1/22	6/30/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/15/22	7/6/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/15/22	7/11/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/15/22	7/13/22	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			<b>LOCKHART, SIDNEY Total</b>		<b>2,318.29</b>				
1094816	5/5/22	4/29/22	PARROTT, JEFFREY	1.00	81.65	REGULAR	WRCROW	PRJ-13308	ROW
1094816	5/5/22	5/5/22	PARROTT, JEFFREY	1.00	81.65	REGULAR	WRCROW	PRJ-13308	ROW
1094816	6/16/22	6/14/22	PARROTT, JEFFREY	2.00	163.30	REGULAR	WRCROW	PRJ-13308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>326.60</b>				
			<b>Grand Total</b>		<b>9,168.34</b>				



**OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/23/2022 - 07/15/2022**

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	5/11/22	4/26/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/11/22	4/26/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/11/22	4/26/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/11/22	4/27/22	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/11/22	4/27/22	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/11/22	4/27/22	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/11/22	5/2/22	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/11/22	5/2/22	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/11/22	5/2/22	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/11/22	5/3/22	BROWN, JOEL	3.50	0.88	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/11/22	5/3/22	BROWN, JOEL	3.50	8.19	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/11/22	5/3/22	BROWN, JOEL	3.50	1.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/11/22	5/4/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/11/22	5/4/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/11/22	5/4/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/11/22	5/6/22	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/11/22	5/6/22	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/11/22	5/6/22	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/9/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/9/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/9/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/10/22	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/10/22	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/10/22	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/12/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/12/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/12/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/13/22	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/13/22	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/13/22	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/16/22	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/16/22	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/16/22	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/17/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/17/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/17/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/18/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/18/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/18/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/22	5/20/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/22	5/20/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/22	5/20/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	5/24/22	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	5/24/22	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	5/24/22	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	5/25/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	5/25/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	5/25/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	5/26/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	5/26/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	5/26/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	5/27/22	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	5/27/22	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	5/27/22	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	5/31/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	5/31/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	5/31/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	6/3/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	6/3/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	6/3/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	6/7/22	BROWN, JOEL	5.00	1.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	6/7/22	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	6/7/22	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	6/9/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	6/9/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	6/9/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	6/10/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	6/10/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	6/10/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	6/13/22	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/20/22	6/13/22	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	6/13/22	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	6/15/22	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/20/22	6/15/22	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/20/22	6/15/22	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	7/12/22	6/21/22	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	7/12/22	6/21/22	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	7/12/22	6/21/22	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING



1094816	5/5/22	4/29/22	PARROTT, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	5/5/22	4/29/22	PARROTT, JEFFREY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	5/5/22	5/5/22	PARROTT, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	5/5/22	5/5/22	PARROTT, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	5/5/22	5/5/22	PARROTT, JEFFREY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	6/16/22	6/14/22	PARROTT, JEFFREY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	6/16/22	6/14/22	PARROTT, JEFFREY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	6/16/22	6/14/22	PARROTT, JEFFREY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>11.96</b>				
1094816	6/17/22	4/2/22	PS Assigned Equipment	0.00	(5.98)	UNASSIGNED-D		PRJ-13308	ROW
1094815	7/8/22	4/22/22	PS Assigned Equipment	0.00	(54.53)	UNASSIGNED-D		PRJ-13308	ENGINEERING
1094815	7/8/22	4/22/22	PS Assigned Equipment	0.00	(65.82)	UNASSIGNED-D		PRJ-13308	ENGINEERING
			<b>PS Assigned Equipment Total</b>		<b>(126.33)</b>				
			<b>Grand Total</b>		<b>188.72</b>				



# Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

August 2, 2022

Project Invoice #42 (ASI Inv. #8199)

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 v#352**

Invoice Period: 6/26/22-7/30/22

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	<b>Total:</b>	<b>\$ -</b>
		<b>Total This Invoice</b>
Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	<b>Total:</b>	<b>\$ -</b>
	Subconsultants:	
	<b>FK Engineering:</b>	<b>\$ -</b>
	<b>NTH Consultants</b>	<b>\$ -</b>
	ASI Markup 5%:	<b>\$ -</b>
	<b>Total Due This Invoice:</b>	<b>\$ -</b>
		<b>Total This Invoice</b>
Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	<b>Total:</b>	<b>\$ -</b>
	Subconsultants:	
	<b>FK Engineering:</b>	<b>\$ -</b>
	ASI Markup 5%:	<b>\$ -</b>
	<b>Total Due This Invoice:</b>	<b>\$ -</b>
		<b>Total This Invoice</b>
Task No.	Task Description	Total This Invoice
5	Construction Services	
	<b>Total:</b>	<b>\$ 44,162.00</b>
	Subconsultants:	
	<b>NTH Consultants</b>	<b>\$ 28,691.24</b>
	<b>Metco Services</b>	<b>\$ 33,131.00</b>
	<b>FK Engineering:</b>	<b>\$ 3,411.75</b>
	ASI Markup 5%:	<b>\$ 3,261.70</b>
	<b>Direct Expenses:</b>	<b>\$ 623.20</b>
	<b>Total Due This Invoice:</b>	<b>\$ 113,280.89</b>
	<b>Total Due This Invoice:</b>	<b>\$ 113,280.89</b>
	Previous Amount Invoiced:	<b>\$ 3,223,837.51</b>
	Total Invoiced To-Date:	<b>\$ 3,337,118.40</b>
	Original Contract Task Total:	<b>\$ 4,198,380.00</b>
	Additional Budget:	<b>\$ 284,076.60</b>
	Current Contract Task Total:	<b>\$ 4,482,456.60</b>
	Amount Remaining:	<b>\$ 1,145,338.20</b>

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

JTB 8/11/2022



Oakland-Macomb Interceptor Drain Drainage District  
Attn: Megan Koss, Esq.  
1 Public Works Drive  
Waterford, MI 48328  
WRClegalinvoices@oakgov.com

Invoice: 1220403  
Date: 07/12/2022  
Client: 58434  
Matter: 424741

**82912 - 6010101 -149030 - 731073 -5113  
-v#2788 - exp. 5/15/22**

Matter Name: GLWA Model Wastewater Contract

8/11/2022

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**LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JUNE 30, 2022**

Total Fees:	\$	13,608.00
<b>Total Due This Invoice:</b>	<b>\$</b>	<b>13,608.00</b>



**84917 - 6010101 - 149015 - 731073 - 2603 -  
1-3308 LEGAL- Ch.21 v#4716 - li#24138 -  
exp. 12/31/23**

*J. Ben*

8/11/2022

Oakland-Macomb Interceptor Drain Drainage District  
Attn: Megan Koss, Esq.  
1 Public Works Drive  
Waterford, MI 48328  
WRClegalinvoices@oakgov.com

Invoice: 1220405  
Date: 07/12/2022  
Client: 58434  
Matter: 404547

Matter Name: Northeast Interceptor East Arm Improvements

---

**LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JUNE 30, 2022**

Total Fees:	\$	135.00
<b>Total Due This Invoice:</b>	<b>\$</b>	<b>135.00</b>



INVOICE DATE: JULY 21, 2022  
 INVOICE NO.: 1715594

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

ATTN: STEVE KORTH

CLIENT/MATTER NO.: 012840-00436

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

*JL Bm* 8/11/2022

RE: PREPARE BOARD MEMORANDUM RE LOCKOUT-TAGOUT (LOTO) ISSUE

*PRIVILEGED AND CONFIDENTIAL*

FOR PROFESSIONAL SERVICES THROUGH JUNE 30, 2022

	<u>USD</u>
TOTAL FEES CURRENT INVOICE .....	\$ 1,619.50
<b>TOTAL CURRENT INVOICE .....</b>	<b>\$ 1,619.50</b>

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JULY 21, 2022

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>	
1703938	06/16/22	3,002.00	(0.00)	3,002.00	Paid July OMID
TOTAL OUTSTANDING FROM PRIOR INVOICES .....					\$ 3,002.00
<b>TOTAL AMOUNT DUE .....</b>					<b>\$ 4,621.50</b>

*KC* 07/26/2022

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  <i>(Please Reference Invoice Numbers)</i>	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852  <i>(Please Reference Invoice Numbers)</i>



Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

Invoice No. 2213786

Date: 07/18/2022

**82912 - 149130 - 730660 - 5819 - Ch. 21 -  
v#3091 - exp. 6/30/25 - li#42703**

**Billed To:** OMID Drainage District  
1 Public Works Drive  
Waterford MI 48328

*JL B...* 8/11/2022

**Contract ID:** 5819  
**HESCO Project:** 2019807S OMID Flow Control Structures2019565

**Contact:** Terry Moore      **P.O.#** WO# 005673 CS-5      **Salesperson:** Kevin Livingston      **Due Date:** 08/17/2022

Description	Unit	Qty	Rate	Amount
<b>7/7/2022 - Preventative Maintenance visit</b>				
Senior Tech	Hours	7.50	195.00	1,462.50
Tech 1	Hours	6.50	185.00	1,202.50
Tech 2	Hours	6.50	175.00	1,137.50
<b>Parts</b>				
Return Filter	Each	1.00	17.25	17.25
Pressure Filter	Each	1.00	69.50	69.50
Nitrogen Charge		1.00	127.50	127.50

*TM-7-19-22*

**Notes:**  
Preventative Maintenance and Inspection.

Non-Taxable Amount:	4,016.75
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	4,016.75
Payments/Credits:	0.00
<b>Amount Due</b>	<b>4,016.75</b>



**Invoice**



Jacobs Consultants, Inc.

Invoice No.: C6A19900-02  
 Invoice Date: 7/6/2022  
 Jacobs Project No.: C6A19900  
 Services From: 5/28/2022  
 Services Through: 6/24/2022

Oakland-Macomb Interceptor Drain Drainage District  
 c/o Oakland County Water Resources Commissioner's Office  
 One Public Works Drive  
 Bldg. 95 West  
 Waterford, Michigan 48328

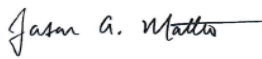
Attn: Mr. Joel Brown, P.E.  
 Project Description: OMID Odor and Corrosion Control Facilities

**82912 - 149667 - 730639 -1-17059- ENGCONSULT**  
**JTB** **8/11/2022**

Task Number	Task Description	Budget Total	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
Task 1	Additional Investigation/Modeling	\$ 148,364.90	\$ 80,026.58	\$ 49,693.13	\$ 129,719.71	\$ 18,645.19
Task 2	Basis of Design	\$ 122,605.02	\$ 20,937.98	\$ 6,183.45	\$ 27,121.43	\$ 95,483.59
Task 3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$ 235,745.04	\$ -	\$ 6,747.70	\$ 6,747.70	\$ 228,997.34
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$ 17,154.74	\$ -	\$ -	\$ -	\$ 17,154.74
Task 4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$ 191,218.29	\$ -	\$ 5,441.96	\$ 5,441.96	\$ 185,776.33
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$ 15,612.91	\$ -	\$ -	\$ -	\$ 15,612.91
Task 5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$ 80,199.91	\$ -	\$ 2,552.13	\$ 2,552.13	\$ 77,647.78
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$ 12,829.09	\$ -	\$ -	\$ -	\$ 12,829.09
	<b>Total</b>	<b>\$ 823,729.90</b>	<b>\$ 100,964.56</b>	<b>\$ 70,618.37</b>	<b>\$ 171,582.93</b>	<b>\$ 652,146.97</b>

Previously Invoiced **\$100,964.56**  
 Total This Invoice: **\$70,618.37**  
 Total Invoiced To Date: **\$171,582.93**  
 Budget Amount: **\$823,729.90**  
 Remaining Amount USD: **\$652,146.97**

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
6/16/2022	C6A19900-01	\$100,964.56			\$100,964.56

Signed   
 \_\_\_\_\_  
 Jason Matteo  
 Project Manager

**Please remit payment electronically to:**  
 Beneficiary Bank: Bank of America  
 Account Name: Jacobs Consultants, Inc.  
 Transit for ACH: 111000012  
 Transit for Wires: 026009593  
 Account No (USD): 4451457732



# KENNEDY INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
5/4/2022	630978	1 of 1

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

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

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

T  
O  
*JL Bm* 8/11/2022

ATTENTION:  
TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0105960	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/PM	FIELD SERVICE	NET 60

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				
0.00	13.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 4/29/2022. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,485.00
0.00	1.00	TRAVEL	SERVICE TRUCK	\$33.00	\$33.00

*TM-8-3-22*

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

<small>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms &amp; Conditions (Rev'd 4/2019) and Customer Warranty available at <a href="http://www.kennedyind.com">www.kennedyind.com</a> which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms &amp; Conditions and Customer Warranty posted on Kennedy's website</small>  <b>*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</b>	SUBTOTAL:	\$1,518.00
	TAX:	\$0.00
	TOTAL:	\$1,518.00

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

**www.KennedyInd.com**



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
7/8/2022	631969	1 of 1

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

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

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

*John B...*

8/11/2022

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0105960	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/PM	FIELD SERVICE	NET 60

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				
0.00	9.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 6/28/2022. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,045.00
0.00	2.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION		
0.00	1.00	TRAVEL	SERVICE TRUCK	\$66.00	\$66.00

*TM-8-3-22*

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

<p>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms &amp; Conditions (Rev'd 4/2019) and Customer Warranty available at <a href="http://www.kennedyind.com">www.kennedyind.com</a> which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms &amp; Conditions and Customer Warranty posted on Kennedy's website</p> <p><b>*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</b></p>	SUBTOTAL:	\$ 1,111.00
	CREDIT ON ACCOUNT:	\$70.05
	TAX:	\$ 0.00
	TOTAL:	\$ 1,040.95

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

[www.KennedyInd.com](http://www.KennedyInd.com)



INVOICE NO. 1811-43

DATE: August 1, 2022

METCO PROJECT NO. 1811

INVOICE PERIOD: 6/27 thru 7/31/2022

Contract ID 00000000000000000000517

Vendor ID 000020486

TO: OMIDD

Water Resources Commissioner  
One Public Works Drive  
Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE  
Deputy Chief Engineer/Special Projects Manager

TITLE: OMID & NESPS Operation and Maintenance

**Operational Plan**

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

JTB 8/11/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	0.0	\$ 195.00	\$ -
Darrin Green	Staff Engineer	44.0	\$ 90.00	\$ 3,960.00
Darrin Green	Staff Engineer-(Overtime)	10.3	\$ 135.00	\$ 1,383.75
Anthony Vozza	Staff Engineer	52.0	\$ 90.00	\$ 4,680.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
<b>Subtotal OMID Operatons:</b>			<b>\$</b>	<b>15,823.75</b>

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

JTB 8/11/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	7.0	\$ 195.00	\$ 1,365.00
Darrin Green	Staff Engineer	49.0	\$ 90.00	\$ 4,410.00
Darrin Green	Staff Engineer-(Overtime)	2.5	\$ 135.00	\$ 337.50
Anthony Vozza	Staff Engineer	17.0	\$ 90.00	\$ 1,530.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 73.79	\$ 295.16
<b>Subtotal NEPS Operations</b>			<b>\$</b>	<b>15,457.66</b>
<b>Subtotal Operations</b>			<b>\$</b>	<b>31,281.41</b>

**Maintenance & Asset Management**

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

JTB 8/11/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	0.0	\$ 195.00	\$ -
Anthony Vozza	Staff Engineer	46.0	\$ 90.00	\$ 4,140.00
Darrin Green	Staff Engineer	6.0	\$ 90.00	\$ 540.00
<b>Subtotal OMID Maintenance:</b>			<b>\$</b>	<b>10,480.00</b>

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

8/11/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	7.0	\$ 195.00	\$ 1,365.00
Daniel Martel	Sr. Project Coordinator	0.0	\$ 145.00	\$ -
Sean Grant	Sr. Project Engineer	0.0	\$ 145.00	\$ -

Travis Ford	Sr. Project Engineer	0.0	\$	145.00	\$	-
Shailesh Patel	Sr. Project Engineer	0.0	\$	145.00	\$	-
Darrin Green	Staff Engineer	51.0	\$	90.00	\$	4,590.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	23.0	\$	90.00	\$	2,070.00
Anthony Vozza	Staff Engineer-(Overtime)	1.5	\$	135.00	\$	202.50
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
<b>Subtotal:</b>					<b>\$</b>	<b>15,747.50</b>
<b>Maintenance Services (see attached invoices):</b>					<b>\$</b>	<b>6,720.00</b>
<b>Subtotal NEPS Maintenance:</b>					<b>\$</b>	<b>22,467.50</b>
<b>Subtotal Maintenance:</b>					<b>\$</b>	<b>32,947.50</b>

**NEPS Maintenance – Fund 82912, Program 149090, Account 730646 (Under NEXGEN ALLOWANCE) 8/11/2022**

<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	0.0	\$	145.00	\$	-
Terry Moore	Operations Manager (Overtim	0.0	\$	195.00	\$	-
Sean Grant	Sr. Project Engineer	17.0	\$	145.00	\$	2,465.00
Darrin Green	Staff Engineer	0.0	\$	90.00	\$	-
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	0.0	\$	90.00	\$	-
Abhishek Shah	Staff Engineer	156.0	\$	90.00	\$	14,040.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
<b>Subtotal Maintenance:</b>					<b>\$</b>	<b>16,505.00</b>

**Task 12.0 - As-Needed Services**

<b>Additional General/Excess Liability Insurance Fee:</b>	<b>\$</b>	<b>-</b>
<b>Subtotal 12.0:</b>	<b>\$</b>	<b>-</b>

**TOTAL AMOUNT DUE THIS INVOICE: \$ 80,733.91**



**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
922567	0	001	5/19/2022	6/2/2022	94500

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	\$351.00	-	\$351.00	\$351.00	-	-
<b>Totals:</b>		<b>\$351.00</b>		<b>\$351.00</b>	<b>\$351.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$351.00</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

*JL Ben*

8/11/2022

WORK PERFORMED 5/19/2022 - WORK ORDER NO. 00632

*TM-8-3-22*

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
922567	0	001	7/18/2022	8/1/2022	94596

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	\$252.00	-	\$252.00	\$252.00	-	-
<b>Totals:</b>		<b>\$252.00</b>		<b>\$252.00</b>	<b>\$252.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$252.00</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149130-730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

*T M*

8-1-22

*JL* *Bra*

8/11/2022

WORK PERFORMED 7/18/2022 WORK ORDER NO. 00457

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."



**84917 - 6010101 - 149015 - 730639 - 2603 - 1-3308 - Ch.21 v#4716 - li#24138 -  
exp. 12/31/23**

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

*Sid Lockhart*

8/11/2022

Invoice # : 630201  
Project : 61-190078  
Invoice Group : NI-EA  
Invoice Date : 8/3/2022

Attention: Sid Lockhart

For Professional Services Rendered from

6/25/2022 - 7/22/2022

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
Task 15	Odor & Air Flow Study	\$84,926.00

Preliminary Budget Amount \$2,358,759.00  
Percent Complete: 93.31%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 515.72	\$ 311,526.32
Overhead %	188.00 969.55	585,669.50
Total Regular Labor Expense	1,485.27	897,195.82
<b>Total Direct Labor</b>	<b>1,485.27</b>	<b>897,806.47</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 178.23</b>	<b>107,663.48</b>
Direct Expenses Charge	0.00	27,671.41
Expense Multiplier %	5.00 0.00	1,383.61
Direct Subcontractor Charge	0.00	1,101,049.75
Subcontractor/Subconsultant Multiplier %	6.00 0.00	66,063.14
<b>Total Other Direct Charges Reimbursables</b>	<b>0.00</b>	<b>1,196,167.91</b>
<b>Total Costs:</b>	<b>1,663.50</b>	<b>2,201,027.21</b>
<b>Total Due This Invoice</b>	<b>\$ 1,663.50</b>	<b>\$ 2,201,027.21</b>





**84917 -6010101 -149015 -731444 - 2603 -1-3308- ch 21**  
**v#4716 - li#24138 - exp. 12/31/23**

**JTB 8/11/2022**

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

Invoice # : 630202  
Project : 61-200186  
Invoice Group : \*\*  
Invoice Date : 8/3/2022

Attentior Sid Lockhart

For Professional Services Rendered from **6/25/2022 - 7/22/2022**

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

Task 01	NI-EA OMID Contract No. 1 CCA	<b>\$2,251,268.82</b>
Task 02	OMID CS-9 Gate CCA	<b>\$217,468.00</b>
	<b>Preliminary Budget Amount</b>	<b>\$2,468,736.82</b>
	<b>Percent Complete:</b>	63.92%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	16,317.09	\$ 310,228.00
Overhead %	188.00	30,676.13	583,228.65
Total Regular Labor Expense		46,993.22	893,456.65
<b>Total Direct Labor</b>		<b>46,993.22</b>	<b>893,456.65</b>
<b>Profit / Fixed Fee %</b>	<b>12.00</b>	<b>5,639.19</b>	<b>107,214.82</b>
Direct Expenses Charge		2,536.32	17,802.18
Expense Multiplier %	5.00	126.82	890.11
Direct Subcontractor Charge		12,644.27	526,993.98
Subcontractor/Subconsultant Multiplier %	6.00	758.67	31,619.70
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>16,066.08</b>	<b>577,305.97</b>
<b>Total Costs:</b>		<b>68,698.49</b>	<b>1,577,977.44</b>
<b>Total Due This Invoice</b>		<b>\$ 68,698.49</b>	<b>\$ 1,577,977.44</b>



**84917- 6010101 - 149015 - 731458 - 2603 - 1-3309-  
ch 21 - engcon v#4716 - li#24138 - exp. 12/31/23**

*Jed Brun*

8/11/2022

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

Invoice # : 630204  
Project : 61-200280  
Invoice Group : CMT  
Invoice Date : 8/3/2022

Attention Sid Lockhart

For Professional Services Rendered from **6/25/2022 - 7/22/2022**

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

Task 01	CMT Services	<b>\$130,138.00</b>
Task 02	Tnemecc Coating Observation	<b>\$0.00</b>
	<b>Preliminary Budget Amount</b>	<b>\$130,138.00</b>
	<b>Percent Complete:</b>	85.08%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 308.07	\$ 29,358.63
Overhead %	188.00 579.17	55,194.25
Total Regular Labor Expense	887.24	84,552.88
<b>Total Direct Labor</b>	<b>887.24</b>	<b>84,552.88</b>
<b>Profit / Fixed Fee %</b>	12.00 <b>106.47</b>	10,146.35
Direct Expenses Charge	34.29	15,253.16
Expense Multiplier %	5.00 1.71	762.66
Direct Subcontractor Charge	0.00	10.00
Subcontractor/Subconsultant Multiplier %	6.00 0.00	0.60
Direct Unit Rate Charge	0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>	<b>36.00</b>	<b>16,026.42</b>
<b>Total Costs:</b>	<b>1,029.71</b>	<b>110,725.65</b>
<b>Total Due This Invoice</b>	<b>\$ 1,029.71</b>	<b>\$ 110,725.65</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

**82912 - 6010101 - 149662 - 731458- 2603 - Ch. 21 - v#238 -  
li#24138 - exp. 12/31/23**

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

8/11/2022

Invoice # : 630205  
Project : 61210124  
Invoice Group : \*\*  
Invoice Date : 8/3/2022

Attention Sid Lockhart

For Professional Services Rendered from **6/25/2022** - **7/22/2022**

Consulting Services Regarding 2021 OMID System Inspection

Task 01 Inspection and Reporting **\$526,974.00**  
Preliminary Budget Amount **\$526,974.00**  
Percent Complete: 50.28%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 39.88	\$ 16,360.87
Overhead %	188.00 74.97	30,758.44
Total Regular Labor Expense	114.85	47,119.31
<b>Total Direct Labor</b>	<b>114.85</b>	114.85
<b>Profit / Fixed Fee %</b>	12.00 <b>13.78</b>	5,654.31
Direct Expenses Charge	0.00	855.92
Expense Multiplier %	5.00 0.00	42.82
Direct Subcontractor Charge	1,131.95	199,331.91
Subcontractor/Subconsultant Multiplier %	6.00 67.92	11,959.92
Direct Unit Rate Charge	0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>	<b>1,199.87</b>	212,190.57
<b>Total Costs:</b>	<b>1,328.50</b>	<b>264,964.19</b>
<b>Total Due This Invoice</b>	<b>\$ 1,328.50</b>	<b>\$ 264,964.18</b>



**NTH Consultants, Ltd.**  
 Infrastructure Engineering  
 and Environmental Services

82912 - 149090 - 730639 - 2603 - Ch 21 - v#4716 exp. 12/31/23  
 li#24138

*JL* *Bu*

8/11/2022

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

Invoice # : 630206  
 Project : 61-210313  
 Invoice Group : \*\*  
 Invoice Date : 8/3/2022

Attention Sid Lockhart

For Professional Services Rendered from **6/25/2022** - **7/22/2022**

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

Task 01	Contract 3 NESPS Rehab Closeout	\$9,563.00
Task 02	PCI-4 Liner Deterioration Closeout	\$10,939.00
Task 03	Discharge Pipe Coating Rehabilitation	\$27,930.00
Task 04	NESPS Wet Well Sediment Survey	\$19,639.00
	<b>Preliminary Budget Amount</b>	<b>\$68,071.00</b>
	<b>Percent Complete:</b>	66.02%

		This Invoice	Cumulative
<b>Analysis of Costs</b>			
Direct Salaries		\$ 151.97	\$ 8,645.52
Overhead %	188.00	285.70	16,253.58
Total Regular Labor Expense		437.67	24,899.10
<b>Total Direct Labor</b>		<b>437.67</b>	24,899.10
<b>Profit / Fixed Fee %</b>	12.00	<b>52.52</b>	2,987.88
Direct Expenses Charge		0.00	0.00
Expense Multiplier %	5.00	0.00	0.00
Direct Subcontractor Charge		108.13	16,242.54
Subcontractor/Subconsultant Multiplier %	5.00	5.41	812.14
<b>Total Other Direct Charges Reimbursables</b>		<b>113.54</b>	<b>17,054.68</b>
<b>Total Costs:</b>		<b>603.73</b>	<b>44,941.66</b>
<b>Total Due This Invoice</b>		<b>\$ 603.73</b>	<b>\$ 44,941.65</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

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

Invoice # : 630207  
Project : 61210495  
Invoice Group :  
Invoice Date : 8/3/2022

Attention: Sid Lockhart

For Professional Services Rendered from 6/25/2022 - 7/22/2022

Authorization per Engineering Work Order D 439 date 12/03/2021  
82912-149662-730639-Cont#1-2603 Exp (12/31/21-Rev)  
82912- 6010101- 149662-730639- 2603 - Ch.21 - v# 4716 - li #24138 - exp. 12/31/23

8/11/2022

Additional OMID NESPS Maintenance Engineering Services

Task 01	NESPS Health and Safety Audit	\$16,137.00
Task 02	Control Structure 6 (CS-6) Emergency Bypass System Design	\$39,643.00
Task 03	Wet Wall Screen Cleaning Equipment	\$17,069.00
Task 04	Control Structure Gate Inspection	\$10,022.00

Preliminary Budget Amount \$82,871.00  
Percent Complete: 68.40%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 286.36	\$ 12,953.13
Overhead %	188.00 538.36	24,351.88
Total Regular Labor Expense	824.72	37,305.01
<b>Total Direct Labor</b>	<b>824.72</b>	<b>37,305.01</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 98.97</b>	<b>4,476.60</b>
Direct Expenses Charge	5.71	325.65
Expense Multiplier %	5.00 0.29	16.29
Direct Subcontractor Charge	0.00	13,738.10
Subcontractor/Subconsultant Multiplier %	6.00 0.00	824.29
<b>Total Other Direct Charges Reimbursables</b>	<b>6.00</b>	<b>14,904.33</b>
<b>Total Costs:</b>	<b>929.69</b>	<b>56,685.94</b>
<b>Total Due This Invoice</b>	<b>\$ 929.69</b>	<b>\$ 56,685.94</b>



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 7/1/2022, 7/13/2022, 12530

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

WO 655

P4 LOTO FOR PUMP INSPECTION

TMM 8-1-22

Handwritten signature

8/11/2022

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/25

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."



Rotor Electric Company of Michigan, LLC.

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 7/1/2022, 7/13/2022, 12531

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes item 001 for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

WO 573

P2 VFD FAN MOTORS

TM 8-1-22

JL Brown 8/11/2022

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/25

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 7/1/2022, 7/13/2022, 12532

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

WO 661

P5 BRUSH HOLDERS

TM 8-1-22

Signature and date 8/11/2022

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/25

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."



## **Agenda Item No. 11**

Other Business

**Agenda Item No. 12**

Adjourn