

## **AGENDA**

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

**February 17, 2021 – 11:30 a.m.**  
Via GoToMeeting

1. Call meeting to order

Board Members:

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

Candice Miller, Macomb County Public Works Commissioner

Jim Nash, Oakland County Water Resources Commissioner

2. Motion to approve the meeting agenda for February 17, 2021
3. Motion to approve the Drainage District Board Meeting Minutes from January 20, 2021
4. Public Comment
5. Present for Board approval Temporary Construction Easement
6. Present for receive and file Memorandum regarding Pump 4 Operational Changes
7. Motion to approve the following Change Orders:
  - a) Walsh Construction Change Order No. 9 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$180,105.13
  - b) Doetsch Change Order No. 3 for the OMID Immediate Repairs Project for a net decrease in the amount of \$12,900
  - c) Walsh Construction Change Order. No. 1 for CS-9 Gate Installation for a net increase in the amount of \$7,929.16
8. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No. 4 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$531,541.20 with a transfer to reserves with the Oakland County Treasurer in the amount of \$59,585.13
  - b) Construction Estimate No. 2 for Walsh Construction for CS-9 Gate Installation in the amount of \$58,784.40 with a transfer to the Oakland County Treasurer in the amount of \$6,006.60
  - c) Construction Estimate No. 4 for Detroit Elevator for NESPS Dry Well Elevator Modernization in the amount of \$5,165.50
  - d) Construction Estimate No. 1 for Doetsch for OMID Localized Rehabilitation and Spot Repairs in the amount of \$293,318.82 with a transfer to the Oakland County Treasurer in the amount of \$32,590.98

9. Report/Update – Status of OMID Repairs Project
10. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
11. Motion to approve the following invoices:
  - a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
    - 1) Labor/Fringes/Non-Direct Labor Factor
      - Segment 4 NESPS Gatehouse \$ 1,014.12
      - Segment 4 NESPS Odor Corrosion Study \$ 1,468.48
      - Segment 5 NI-EA Construction \$ 10,405.87
      - Segment 5 NESPS Mech./Elect. Construction \$ 20,845.32
    - 2) Equipment Charges
      - Segment 4 NESPS Gatehouse \$ 6,675.39
      - Segment 4 NESPS Odor Corrosion Study \$ 40.44
      - Segment 5 NI-EA Construction \$ 509.27
      - Segment 5 NESPS Mech./Elect. Construction \$ 2,100.21
    - 3) Mileage
      - Segment 4 NESPS Gatehouse \$ 1,014.16
    - 4) Reimbursement of the Drain Revolving Fund  
Macomb Invoice No. ARP210037 \$ 20,006.93
  - b) Applied Science, Inc.  
Invoice No. 7783 (24) NESPS M&E \$ 95,460.63
  - c) CH2M  
Invoice No. 705773CH024 (25) Seg. 4 \$ 3,069.54
  - d) Clark Hill
    - 1) Invoice No. 1055842 O&M \$ 1,350.00
    - 2) Invoice No. 1056907 O&M \$ 1,728.00
  - e) Dickinson Wright
    - 1) Invoice No. 1546108 O&M \$ 525.00
    - 2) Invoice No. 1546112 O&M \$ 3,255.00
    - 3) Invoice No. 1546117 O&M \$ 2,905.00
  - f) Hesco  
Invoice No. 20211647 O&M \$ 15,458.75
  - g) Jacobs
    - 1) Invoice No. 697317CH0026 Seg. 3 \$ 8,271.96
    - 2) Invoice No. 697317CH0029 Split \$ 8,896.37
  - h) Kennedy
    - 1) Invoice No. 620797 O&M \$ 803.00
    - 2) Invoice No. 621708 O&M \$ 2,423.82
    - 3) Invoice No. 622843 O&M \$ 3,273.00
    - 4) Invoice No. 623235 O&M \$ 583.00
  - i) METCO  
Invoice No. 1811-25 O&M \$ 92,834.90
  - j) Motor City Electric Technologies Inc.
    - 1) Invoice No. 93454 O&M \$ 924.00
    - 2) Invoice No. 93455 O&M \$ 385.00
    - 3) Invoice No. 93456 O&M \$ 192.50
    - 4) Invoice No. 93457 O&M \$ 116.65
    - 5) Invoice No. 93458 O&M \$ 115.50
    - 6) Invoice No. 93459 O&M \$ 231.00

k)	NTH Consultants, Ltd			
1)	Contract No. 1			
	Invoice No. 2	NI-EA	\$	29,689.84
2)	Eng./Consult. Services NESPS CMT			
	Invoice No. 4	O&M	\$	4,741.14
3)	Safety Manual & Crane Support			
	Invoice No. 7	O&M	\$	564.51
4)	NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
	Invoice No. 20	NI-EA	\$	49,208.33
5)	Repairs – OMID System Immediate Repairs			
	Invoice No. 24	OIR	\$	20,619.59
l)	PMA Consultants			
	Invoice No. 3559.01-8	NESPS	\$	7,469.52
m)	Rotor Electric Co.			
	Invoice No. 12389	O&M	\$	31,521.00

12. Other Business

13. Adjourn

Next Regular Meeting: March 17, 2021 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the location and manner of the next meeting has yet to be determined.

**February 17, 2021 OMID Board Meeting**  
**Wed, Feb 17, 2021 11:30 AM - 1:30 PM (EST)**

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## **Agenda Item No. 3**

Board Meeting Minutes from January 20, 2021

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

January 20, 2021

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via GoToMeeting on the 20<sup>th</sup> day of January at 11:30 a.m. Eastern Standard Time. The meeting was conducted electronically via GoToMeeting in accordance with the Open Meetings Act, PA 267 of 1976, as amended by PA 254 of 2020.

**PRESENT:**

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

**OTHERS PRESENT:**

Representing the office of the Macomb County Public Works Commissioner: Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steven Korth, Joel Brown, Sid Lockhart, Kelsey Cooke, Brian Coburn, Evans Bantios and Megan Koss. Others in attendance: Fritz Klingler, FK Engineering; Shawn Phelps, OC Fiscal Services; Jim Kelly and Sal Saputo, Meadowbrook Insurance Group; Brady Harrington, MDARD; Larry Gilbert and Saju Sachidanandan, NTH Consultants; Terry Moore, Metco; and John Michalski, ASI

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:31 a.m. and noted the meeting was being held electronically in accordance with PA 254 of 2020. In compliance with the aforementioned, Chairperson Gregg indicated he was participating from Mason, Michigan, Deputy Commissioner Baker indicated he was participating from Clinton Township, Michigan and Commissioner Nash indicated he was participating from Farmington Hills, Michigan.

2. Agenda.

Joel Brown indicated several changes to the agenda, including revisions to agenda items: 6a (Walsh Change Order No. 8), 7b (Walsh Construction Estimate No. 3) and 7c (Walsh Construction Estimate No. 1). Commissioner Nash and Deputy Commissioner Vaara expressed a desire to recess around noon in order to watch the inauguration. As opposed to a recess, Steve Korth volunteered to serve as representative for Oakland County during Commissioner Nash's absence. Mr. Korth indicated that he would be participating from Bonita Springs, Florida. Motion by Nash, supported by Baker, to approve the amended January 21, 2021 agenda as presented.

**ROLL CALL VOTE:**

GREG:        AYE  
BAKER:       AYE  
NASH:        AYE

3. Minutes.

Motion by Baker, supported by Nash, to approve the minutes of the December 16, 2020 meeting.

ROLL CALL VOTE:

GREG: AYE

BAKER: AYE

NASH: AYE

4. Public Comment. None.

Commissioner Nash left the meeting.

5. Meadowbrook Insurance Group insurance renewal proposal for the property, public entity liability and pollution liability policies.

Sal Saputo and Jim Kelley provided information regarding the current status of the various insurance policies requiring renewal. They discussed carrier options noting that the recommended policies were at a very favorable rate given current market conditions. Motion by Baker, supported by Korth, to authorize the Board to bind and effectuate the insurance coverage as presented, and approve the invoices pertaining to the various policies subject to renewal.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

KORTH: AYE

6. Change Order.

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

- a) Change Order No. 8 for Walsh Construction for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$27,485.89. Motion by Baker, supported by Korth, to approve the Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

KORTH: AYE

- b) Change Order No. 2 for Doetsch for the OMID Immediate Repairs Project for a net increase in the amount of \$14,050. Motion by Korth, supported by Baker, to approve the Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

KORTH: AYE

7. Construction Pay Estimates.

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

- a) Construction Estimate No. 16 for CSM Mechanical, LLC for the NESPS Odor/Corrosion Control Project for a reserve payment to the contractor of \$34,705.29. Motion by Korth, supported by Baker, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

KORTH: AYE

- b) Construction Estimate No. 3 for Walsh Construction for NESPS Pump & Electrical Upgrades Project in the amount of \$2,499,519.26 with a transfer of \$277,724.36 to the Oakland County Treasurer. Motion by Baker, supported by Korth, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

KORTH: AYE

Commissioner Nash entered the meeting.

- c) Construction Estimate No. 1 for Walsh Construction for CS-9 Gate Installation in the amount of \$282,001.83 with a transfer of \$31,333.54 to the Oakland County Treasurer. Motion by Nash, supported by Baker, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

NASH: AYE

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 Baker, to receive and file the report and summary.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

NASH: AYE

9. Financial Reports.  
Mr. Brown presented a memorandum requesting the Board allow for the reclassification of Jacobs invoices to utilize Segment 3 funds under Project 1-2892 until the fund is expended. Motion by Nash, supported by Baker, to allow the reclassification of Jacobs invoices as presented.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

NASH: AYE

Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 5 and the NESPS. Motion by Baker, supported by Nash, to receive and file the financial reports.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

NASH: AYE

10. Invoices.

The following invoices were submitted to the Board for approval:

a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs			
1) Labor/Fringes/Non-Direct Labor Factor			
	• Segment 4 NESPS Odor Corrosion Study	\$	1,358.63
	• Segment 5 NI-EA Construction	\$	10,035.73
	• Segment 5 NESPS Mech./Elect. Construction	\$	20,514.54
2) Equipment Charges			
	• Segment 4 NESPS Odor Corrosion Study	\$	37.38
	• Segment 5 NI-EA Construction	\$	423.77
	• Segment 5 NESPS Mech./Elect. Construction	\$	2,032.57
3) Reimbursement of the Drain Revolving Fund			
	Meadowbrook Invoice No. 5515	\$	51,850.00
b) Applied Science, Inc.			
	Invoice No. 23	NESPS M&E	\$ 91,137.84
c) CDM Smith			
	1) Invoice No. 90098140	O&M	\$ 12,922.29
	2) Invoice No. 90104040	O&M	\$ 4,894.34
d) CH2M			
	Invoice No.705773CH023 (24)	Seg. 4	\$ 7,215.76
e) CSM Mechanical			
	Invoice No. 200MIDD012	O&M	\$ 3,927.89
f) Dickinson Wright			
	1) Invoice No. 1537024	O&M	\$ 70.00
	2) Invoice No. 1537675	O&M	\$ 3,780.00
g) Jacobs			
	Invoice No. 697317CH028 (28)	Seg. 3	\$ 8,454.69
h) Kennedy			
	Invoice No. 622601	O&M	\$ 32,933.45
i) Konecranes			
	1) Invoice No. 154389658	O&M	\$ 1,800.80
	2) Invoice No. 154410707	O&M	\$ 8,700.00
j) METCO			
	Invoice No. 1811-24	O&M	\$ 82,935.16

k)	Motor City Electric Technologies Inc.			
1)	Invoice No. 93391	O&M	\$	107.00
2)	Invoice No. 93392	O&M	\$	693.00
3)	Invoice No. 93393	O&M	\$	627.97
4)	Invoice No. 93394	O&M	\$	77.00
5)	Invoice No. 93395	O&M	\$	214.00
6)	Invoice No. 93396	O&M	\$	154.00
l)	NTH Consultants, Ltd			
1)	Contract No. 1			
	Invoice No. 1	NI-EA	\$	28,440.58
2)	Eng./Consult. Services NESPS CMT			
	Invoice No. 3	O&M	\$	7,285.93
3)	Safety Manual & Crane Support			
	Invoice No. 6	O&M	\$	6,396.98
4)	NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
	Invoice No. 19	NI-EA	\$	40,200.11
5)	Repairs – OMID System Immediate Repairs			
	Invoice No. 23	OIR	\$	29,423.90
m)	PM Technologies			
1)	Invoice No. 145051	O&M	\$	51,694.50
2)	Invoice No. 145939	O&M	\$	51,120.30
3)	Invoice No. 145947	O&M	\$	47,304.60
4)	Invoice No. 146029	O&M	\$	386.25
n)	PMA Consultants			
	Invoice No. 3559.01-7	NESPS	\$	7,727.08
o)	Rotor Electric Co.			
1)	Invoice No. 12377	O&M	\$	13,383.74
2)	Invoice No. 12378	O&M	\$	1,330.00
3)	Invoice No. 12379	O&M	\$	2,250.57
4)	Invoice No. 12380	O&M	\$	2,035.05
5)	Invoice No. 12381	O&M	\$	3,266.95
6)	Invoice No. 12382	O&M	\$	759.00
7)	Invoice No. 12383	O&M	\$	3,977.03
8)	Invoice No. 12384	O&M	\$	2,715.00
9)	Invoice No. 12385	O&M	\$	532.00
10)	Invoice No. 12386	O&M	\$	10,727.99
11)	Invoice No. 12387	O&M	\$	8,875.58

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

ROLL CALL VOTE:

GREGG: AYE  
BAKER: AYE  
NASH: AYE

11. Other Business. None.

12. Adjourn.

Motion by Nash, supported by Baker, to adjourn the January 20, 2021 meeting at 12:49 p.m.

ROLL CALL VOTE:

GREGG: AYE

BAKER: AYE

NASH: AYE

Next Regular Meeting: February 17, 2021 at 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the manner in which the February meeting will be held has yet to be determined.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on January 20, 2021 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 \_\_\_\_\_ day of \_\_\_\_\_, 2020.

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Jim Nash, Secretary  
Oakland-Macomb Interceptor Drain Drainage Board



## **Agenda Item No. 4**

### **Public Comment**

## **Agenda Item No. 5**

### **Temporary Construction Easement**



## **Oakland-Macomb Interceptor Drain Drainage District**

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

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

**SUBJECT:** Final Acceptance of Easement Agreements for Construction of the NESPS Pumping and Electrical and OMID NI-EA Contract No. 1 PCI-4 Rehabilitation Projects

**DATE:** February 17, 2021

On September 16, 2020, Joel Brown brought to the Board's attention the need to acquire temporary easements for construction of the Northeast Sewage Pumping Station (NESPS) Pumping and Electrical Upgrades Project and the OMID North Interceptor-East Arm (NI-EA) Contract No.1 PCI-4 Rehabilitation Project. The temporary easements are necessary to provide an agreeable means to access the Northeast Water Treatment Plant property to facilitate construction of electrical duct banks on the NESPS project and provide a laydown area for the NI-EA project (see attached drawings). At that meeting, the Board approved a measure for Clark Hill to represent the Board to negotiate the temporary easement agreements and provide the ability for the Board/Secretary to sign them. Ultimately, the attached Memorandum of Understanding (MOU) was established with GLWA to construct the duct banks and utilize the laydown area at no cost. With the assistance of Kelsey Cooke and Jeff Parrott of the OCWRC, an easement was also obtained with Fiat-Chrysler of America (FCA), also attached, to allow the NI-EA contractor, Marra Services, Inc. to access the NI-EA laydown area via a narrow strip of parcel just west of the NESPS. The FCA Agreement was necessary to avoid traffic and parking conflicts with Walsh on the NESPS site.

**Requested Action: Ratification of the attached GLWA MOU and the FCA Agreement and subsequently file for records.**

**MEMORANDUM OF UNDERSTANDING (MOU) REGARDING**  
**OMID TEMPORARY CONSTRUCTION ACTIVITIES**

**THIS MEMORANDUM OF UNDERSTANDING (MOU)** is dated this \_\_\_\_ day of \_\_\_\_\_, 2020, by and between **GREAT LAKES WATER AUTHORITY**, a Michigan governmental body corporate, whose address is 735 Randolph, Suite 1900, Detroit, Michigan 48224 (“GLWA”) and the **OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT** (“Drainage District”), a Michigan public body corporate, acting through the Oakland-Macomb Interceptor Drain Drainage Board (“Drainage Board”), whose address is the Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Waterford, Michigan 48328. In this MOU, GLWA, the Drainage District, and the Drainage Board may be referred to herein as “Party” or, collectively, the “Parties”.

Recitals:

**WHEREAS**, GLWA is the Lessee of certain real property described as follows (the “Property”):

Part of the Northeast quarter of Section 3, Town 1 South, Range 12 East, City of Detroit, Wayne County, Michigan, being described as: The West half of the Northeast quarter of Section 3, lying Westerly of the Grand Trunk Railroad, between Eight Mile Road and State Fair Road, except the South 312.35 on the West line being the South 94.10 feet on the East line of the West 71.40 thereof.

**Tax Identification No: 17-005-737**

**Commonly Known As: 10036 E. Eight Mile Road, Detroit, Michigan 48234**

The Property is depicted in the attached **Exhibits A B and C**; and

**WHEREAS**, the Northeast Sewage Pumping Station (“NESPS”) is located on the Property and is operated by GLWA; and

**WHEREAS**, the Drainage Board is the statutory agent of the Drainage District pursuant to Chapter 21 of the Michigan Drain Code, Public Act 40 of 1956, as amended (“Drain Code”); and

**WHEREAS**, the Drainage Board is undertaking a project to maintain and improve the Northeast Sewage Pump Station and North Interceptor East-Arm (NI-EA), which requires certain temporary construction-related activities related to the NESPS on the Property outside the NESPS perimeter fencing (“Construction Work”); and

**WHEREAS**, the Construction Work includes the staging and storage of construction equipment, removal and replacement of an existing fence, the construction of a temporary access drive, and construction of permanent concrete duct bank for power and controls to a new GLWA access gate as well as new permanent concrete duct bank for 24kV power to the NESPS as depicted in the attached **Exhibit D** (“Plans”); and

**WHEREAS**, GLWA has reviewed the Plans and has agreed to take all reasonable steps to cooperate with the Drainage District for the performance the Construction Work consistent with the terms of this MOU.

**NOW THEREFORE**, in consideration of the premises and covenants of each, the Parties hereto agree as follows:

1. GLWA hereby authorizes the Drainage District to enter the Property to perform the Construction Work in the following areas of the Property outside of the NESPS perimeter fencing (“Work Area”). The perimeters will be field adjusted as necessary to accommodate GLWA’s construction, operations and maintenance activities:

A. NI-EA Laydown Area Construction Easement (See Exhibit A)

Part of the Northeast quarter of Section 3, Town 1 North, Range 12 East, City of Detroit, Wayne County, Michigan, being described as:

Beginning on the North and South quarter line of Section 3 South 02 degrees 45 minutes 47 seconds East 2033.15 feet from the North quarter post of section 3; thence North 87 degrees 14 minutes 13 seconds East 199.79 feet; thence South 10 degrees 08 minutes 53 seconds West 238.95 feet;

thence North 79 degrees 51 minutes 07 seconds West 20.00 feet; thence South 10 degrees 08 minutes 53 seconds West 70.00 feet; thence South 79 degrees 51 minutes 07 seconds East 20.00 feet; thence South 10 degrees 08 minutes 53 seconds West 68.00 feet; thence North 79 degrees 58 minutes 13 seconds west 65.44 feet; thence North 26 degrees 30 minutes 18 seconds West 31.52 feet; thence North 30 degrees 33 minutes 42 seconds West 83.74 feet to the North and South quarter line of Section 3; thence North 02 degrees 45 minutes 47 seconds West 250.00 feet along the North and South quarter line of Section 3 to the point of beginning. Containing 1.21 acres, more or less.

B. NESPS Gate Duct Bank Temporary Easement (See Exhibit B)

Part of the Northeast quarter of section 3, Town 1 North, Range 12 East, City of Detroit, Wayne County, Michigan, being described as:

Commencing at the North quarter post of Section 3; thence South 02 degrees 45 minutes 47 seconds East 2224.88 feet along the North and South quarter line of Section 3; thence North 87 degrees 14 minutes 13 seconds East 88.61 feet to the point of beginning; thence South 90 degrees 00 minutes 00 seconds East 163.65 feet; thence South 10 degrees 51 minutes 17 seconds west 40.73 feet; thence North 90 degrees 00 minutes 00 seconds West 87.02 feet; thence North 79 degrees 51 minutes 07 seconds west 29.40 feet; thence south 10 degrees 08 minutes 53 seconds west 70.00 feet; thence South 79 degrees 51 minutes 07 seconds East 12.51 feet; thence South 00 degrees 00 minutes 00 seconds West 28.45 feet; thence South 79 degrees 58 minutes 13 seconds East 50.78 feet; thence South 42 degrees 47 minutes 14 seconds West 47.56 feet; thence North 79 degrees 58 minutes 13 seconds West 58.59 feet; thence North 00 degrees 00 minutes 00 seconds East 167.93 feet to the point of beginning.

C. NESPS 24kV Duct Bank Temporary Easement (See Exhibit C)

Temporary construction easement, 40.00 feet wide, lying 20.00 feet each side of the following described centerline being part of the Northeast quarter of Section 3, Town 1 North, Range 12 East, City of Detroit, Wayne County, Michigan, being described as:

Commencing at the North quarter post of Section 3; thence South 02 degrees 45 minutes 47 seconds East 2135.04 feet along the North and South quarter line of Section 3; thence North 87 degrees 14 minutes 13 seconds East 777.63 feet to the point of beginning of this described centerline; thence North 27 degrees 52 minutes 13 seconds East 454.88 feet; thence North 02 degrees 44 minutes 52 seconds West 751.41 feet; thence South 87 degrees 30 minutes 33 seconds West 363.35 feet; thence South 47 degrees 08 minutes 25 seconds West 31.02 feet; thence South 87 degrees 30 minutes 33 seconds West 14.87 feet to the point of ending of this described centerline.

2. The Drainage District shall notify GLWA in writing of the commencement of the Construction Work at least five (5) days prior. The authorization to enter the Work Area shall terminate upon completion of the Construction Work, as determined by the Drainage District. The Drainage District shall directly coordinate with GLWA field personnel for site access.

3. The Drainage District will preserve and protect all trees, shrubbery, fencing, landscaping, and all other surface and subsurface features and conditions within the Work Area and within any other areas of the Property accessed or affected by the Drainage District during the performance of the Construction Work, including improved road surfaces.

4. The Drainage District shall stake out the location of GLWA's 60-inch watermain and other utilities in the Work Area following the same requirements as Miss Dig. The Drainage District or its contractors shall not store materials on top of or traverse over GLWA's 60-inch watermain with a vehicle heavier than a 1-ton pickup truck unless the water main has been protected with surface improvements so that loads are sufficiently dissipated to prevent damage to the water main.

5. The Drainage District understands that GLWA has a current construction project on the 60-inch watermain that shall last until June 2024. This work is being done within silt fencing which is currently on the Property. While GLWA prosecutes this work, the Drainage District shall not store any materials, construct fencing or anyway impede the work on the 60-inch watermain. The Drainage District shall directly coordinate the sequencing and construction of the Work with GLWA field personnel to eliminate potential conflicts, additional work, and delays associated with the 60-inch water main construction and GLWA's maintenance and operations activities.

6. If the Property or underground assets are disturbed directly or indirectly by reason of the Drainage District's access to the Property or the performance of the Construction Work, then the Property shall be restored promptly to substantially the condition that existed prior to entering upon said Property by the Drainage District, its contractors, agents or assigns. Drainage District agrees to provide topsoil, seed and mulch within the areas disturbed by the Work.

7. All applicable terms and contracts of the Wastewater Disposal Services Contract, as amended, between GLWA and the Drainage District shall apply to this MOU. This includes that through the completion of the Construction Work and any warranty period, the Drainage District will require all contractors performing the Construction Work to maintain insurance and satisfy the related requirements found in Schedule 22.16, Customer Provided Insurance, in the Amendment #1 to the Wastewater Disposal Services Contract.

8. The Term of this MOU shall begin on January 1, 2021 and expire December 31, 2023. Upon expiration of this MOU and unless it is mutually agreed to extend the MOU, the Drainage District shall remove the fencing and all materials not used for the Construction Work and restore the Property to its prior condition.

9. It is understood that the rights and privileges granted herein are nonexclusive, and GLWA reserves and retains the right to convey similar rights and privileges to such other persons as GLWA may deem proper.

10. Consistent with the Amendment to Section 22.13 of Wastewater Disposal Services Contract, the Technical Representatives for each party will communicate with each other to avoid interruptions or interference in the operations of the NESPS or the Northeast Water Treatment Plant by GLWA and prosecution of the Construction Work by the Drainage District. If a conflict arises, the continued operations of the NESPS and Northeast Water Treatment Plant take precedent.

11. This MOU contains the entire agreement between the Parties relating to the rights herein granted and the obligations herein assumed. Any oral representations or modifications concerning this MOU shall be of no force and effect. Any modification of this MOU must be in writing and must be signed by the Party to be charged.

12. This MOU is made and entered into in the State of Michigan and shall in all respects be interpreted, enforced and governed under the laws of the State of Michigan. The language of all parts of this MOU is intended to and, in all cases, shall be construed as a whole according to its fair meaning, and not construed strictly for or against any party.

13. It is further understood and agreed between the Parties that the terms and conditions herein are contractual and are not a mere recital and that there are no other

agreements, understandings, contracts, or representations between GLWA and the Drainage District in any way related to the subject matter hereof, except as expressly stated herein.

14. If any provision of this MOU or its application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this MOU shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law.

15. It is understood and agreed between the Parties that a failure by either Party to fulfill a condition or term set forth in this MOU shall not result of extinguishment of the rights granted herein or constitute a waiver of such term or condition.

16. The Parties herein represent that they have the authority to execute this MOU and are authorized to sign on behalf of the entity which they represent. This MOU shall be binding upon and inure to the benefit of the Parties hereto, their heirs, representatives, successors and assigns.

#### **GREAT LAKES WATER AUTHORITY**

\_\_\_\_\_  
By: Sue McCormick  
Its: Chief Executive Officer

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

Approved as to form:

\_\_\_\_\_  
Randal M. Brown  
GWLA General Counsel

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

#### **OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**

\_\_\_\_\_  
By: Michael R. Gregg  
Its: Chairperson OMIDD Drainage Board

Approved as to form:

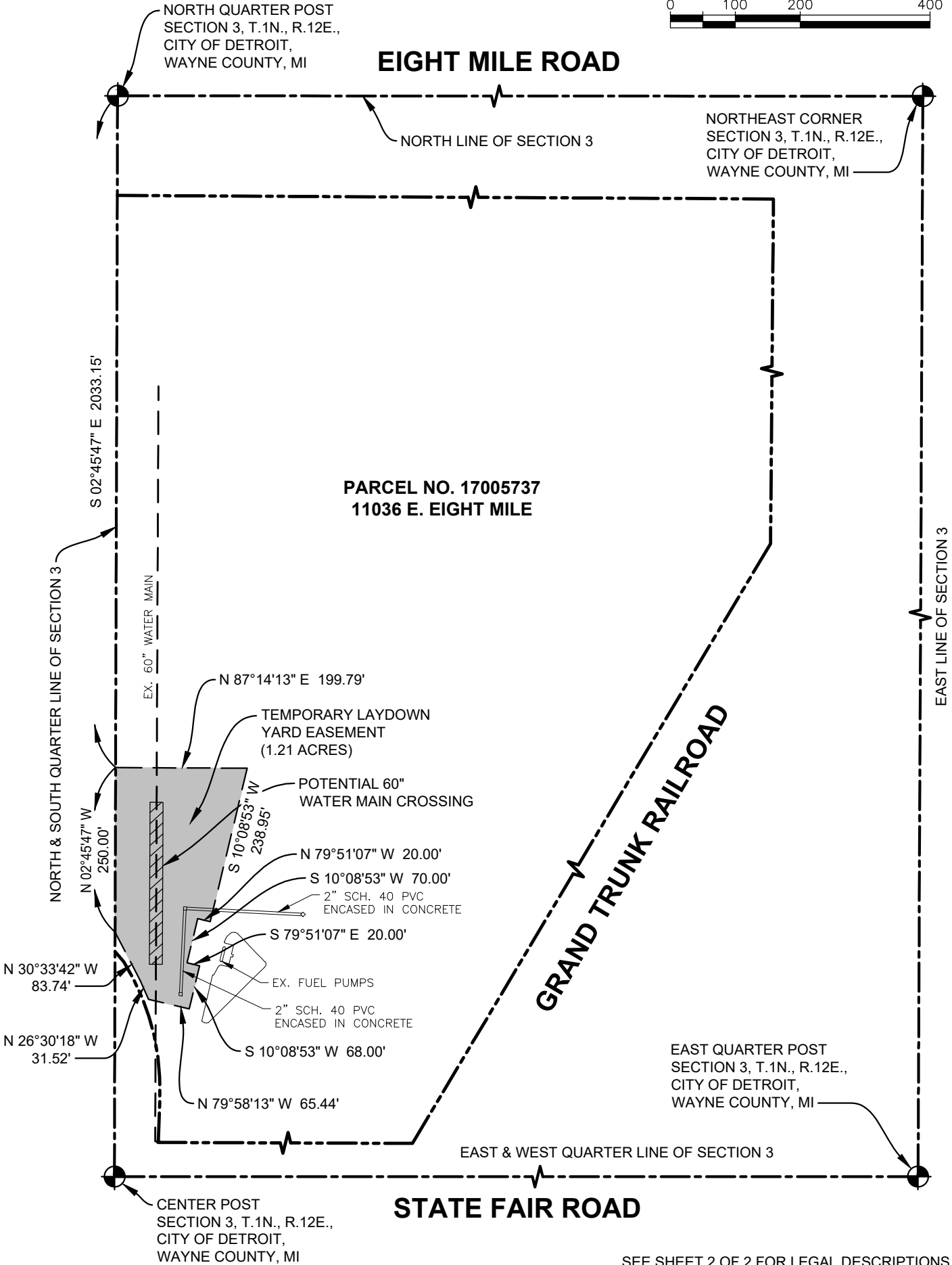
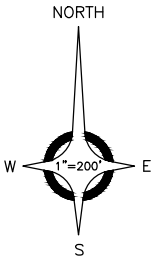
\_\_\_\_\_  
By: Joseph W. Colaianne  
OMIDD Legal Counsel

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



ANDERSON, ECKSTEIN AND  
WESTRICK, INC.  
CIVIL ENGINEERS SURVEYORS ARCHITECTS  
51301 Schoenherr Rd Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315  
www.aewinc.com

EXHIBIT "A"  
NORTH INTERCEPTOR - EAST ARM  
LAYDOWN AREA  
TEMPORARY  
CONSTRUCTION EASEMENT



SEE SHEET 2 OF 2 FOR LEGAL DESCRIPTIONS

GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT			PARCEL I.D. NO.: 17005737	
ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE			GRANTOR (FROM): GREAT LAKES WATER AUTHORITY	
CITY, ST., & ZIP: WATERFORD, MI 48328			ADDRESS: 735 RANDOLPH, SUITE 1900	
			CITY, ST., & ZIP: DETROIT, MI 48224	
SEC: 3	CITY: DETROIT	COUNTY: WAYNE	AEW NO.: 0211-0200	BOOK NO.:
DRAWN BY: MJS	CHECKED BY: CPA	SCALE: 1" = 200'	EASEMENT NO.: Easement_Laydown	CONST. PLAN PAGE NO.:
SHEET 1 OF 2			TITLE SEARCH:	

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Michigan 48315 www.aewinc.com

EXHIBIT "A"  
NORTH INTERCEPTOR - EAST ARM  
LAYDOWN AREA  
TEMPORARY  
CONSTRUCTION EASEMENT

DESCRIPTION  
PARCEL 17005737  
11036 E. EIGHT MILE ROAD

PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 3, LYING WESTERLY OF THE GRAND TRUNK RAILROAD, BETWEEN EIGHT MILE ROAD AND STATE FAIR ROAD, EXCEPT THE SOUTH 312.35 ON THE WEST LINE BEING THE SOUTH 94.10 FEET ON THE EAST LINE OF THE WEST 71.40 THEREOF.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

DESCRIPTION  
NORTH INTERCEPTOR - EAST ARM  
LAYDOWN AREA TEMPORARY CONSTRUCTION EASEMENT  
PART OF PARCEL 17005737

PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 NORTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

BEGINNING ON THE NORTH AND SOUTH QUARTER LINE OF SECTION 3 SOUTH 02 DEGREES 45 MINUTES 47 SECONDS EAST 2033.15 FEET FROM THE NORTH QUARTER POST OF SECTION 3; THENCE NORTH 87 DEGREES 14 MINUTES 13 SECONDS EAST 199.79 FEET; THENCE SOUTH 10 DEGREES 08 MINUTES 53 SECONDS WEST 238.95 FEET; THENCE NORTH 79 DEGREES 51 MINUTES 07 SECONDS WEST 20.00 FEET; THENCE SOUTH 10 DEGREES 08 MINUTES 53 SECONDS WEST 70.00 FEET; THENCE SOUTH 79 DEGREES 51 MINUTES 07 SECONDS EAST 20.00 FEET; THENCE SOUTH 10 DEGREES 08 MINUTES 53 SECONDS WEST 68.00 FEET; THENCE NORTH 79 DEGREES 58 MINUTES 13 SECONDS WEST 65.44 FEET; THENCE NORTH 26 DEGREES 30 MINUTES 18 SECONDS WEST 31.52 FEET; THENCE NORTH 30 DEGREES 33 MINUTES 42 SECONDS WEST 83.74 FEET TO THE NORTH AND SOUTH QUARTER LINE OF SECTION 3; THENCE NORTH 02 DEGREES 45 MINUTES 47 SECONDS WEST 250.00 FEET ALONG THE NORTH AND SOUTH QUARTER LINE OF SECTION 3 TO THE POINT OF BEGINNING. CONTAINING 1.21 ACRES, MORE OR LESS.

SUBJECT TO ANY AND ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR OTHERWISE.

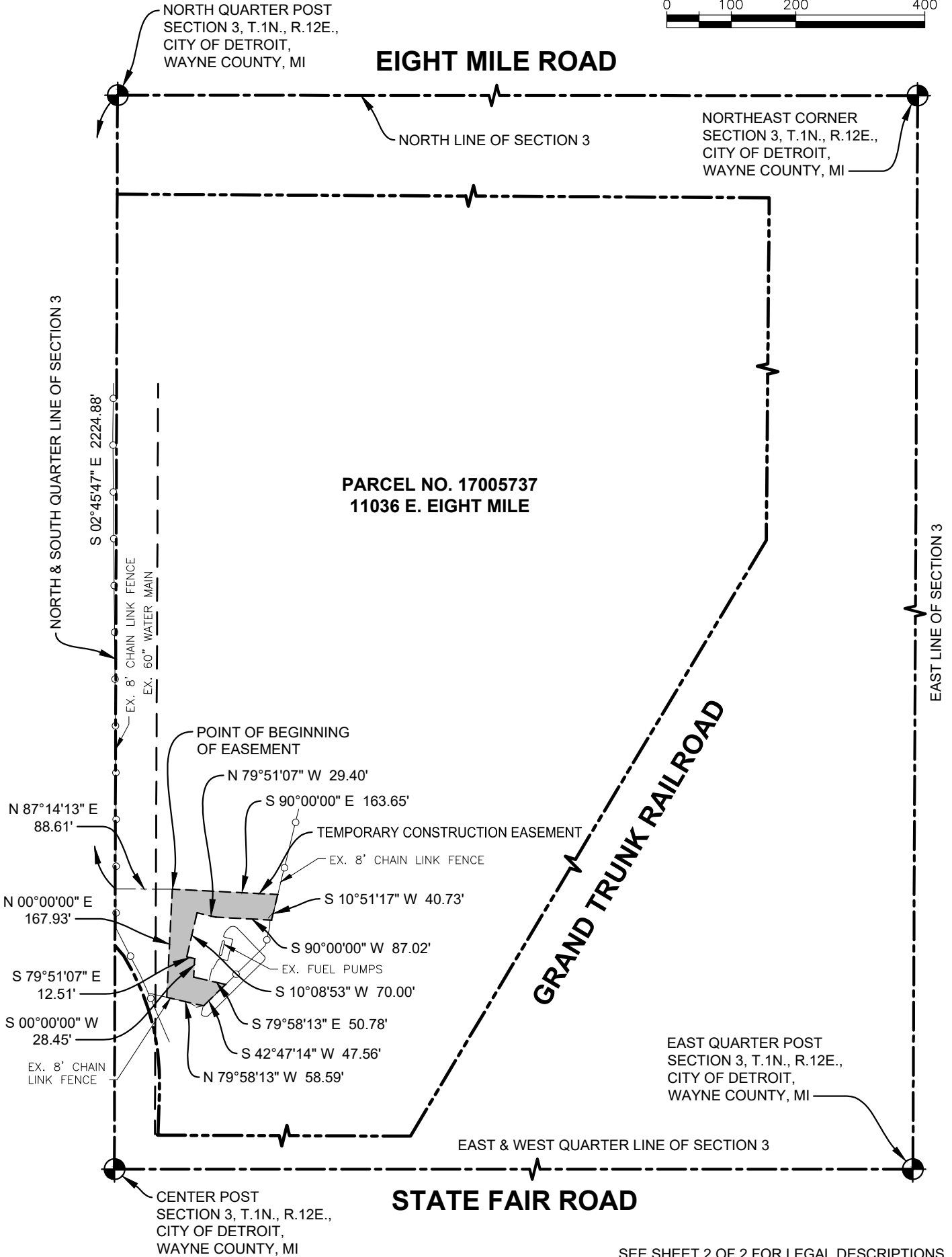
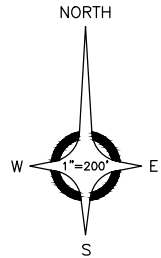
GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT				PARCEL I.D. NO.: 17005737	
ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE				GRANTOR (FROM): GREAT LAKES WATER AUTHORITY	
CITY, ST., & ZIP: WATERFORD, MI 48328				ADDRESS: 735 RANDOLPH, SUITE 1900	
				CITY, ST., & ZIP: DETROIT, MI 48224	
SEC: 3	CITY: DETROIT	COUNTY: WAYNE		AEW NO.: 0211-0200	BOOK NO.:
DRAWN BY: MJS		CHECKED BY: CPA	SCALE: N.T.S.	EASEMENT NO.: Easement_Laydown	CONST. PLAN PAGE NO.:
SHEET 2 OF 2				TITLE SEARCH:	



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51301 Schoenherr Rd Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315  
www.aewinc.com

EXHIBIT "B"  
NORTHEAST SANITARY  
PUMP STATION GATE DUCT BANK  
TEMPORARY  
CONSTRUCTION EASEMENT



GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT				PARCEL I.D. NO.: 17005737	
ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE				GRANTOR (FROM): GREAT LAKES WATER AUTHORITY	
CITY, ST., & ZIP: WATERFORD, MI 48328				ADDRESS: 735 RANDOLPH, SUITE 1900	
				CITY, ST., & ZIP: DETROIT, MI 48224	
SEC: 3	CITY: DETROIT	COUNTY: WAYNE		AEW NO.: 0211-0200	BOOK NO.:
DRAWN BY: MJS		CHECKED BY: CPA	SCALE: 1" = 200'	EASEMENT NO.: Easement_Duct Bank	CONST. PLAN PAGE NO.:
SHEET 1 OF 2				TITLE SEARCH:	



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Michigan 48315  
www.aewinc.com

EXHIBIT "B"  
NORTHEAST SANITARY  
PUMP STATION GATE DUCT BANK  
TEMPORARY  
CONSTRUCTION EASEMENT

DESCRIPTION  
PARCEL 17005737  
11036 E. EIGHT MILE ROAD

PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 3, LYING WESTERLY OF THE GRAND TRUNK RAILROAD, BETWEEN EIGHT MILE ROAD AND STATE FAIR ROAD, EXCEPT THE SOUTH 312.35 ON THE WEST LINE BEING THE SOUTH 94.10 FEET ON THE EAST LINE OF THE WEST 71.40 THEREOF.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

DESCRIPTION  
NORTHEAST SANITARY PUMP STATION GATE DUCT BANK  
TEMPORARY CONSTRUCTION EASEMENT  
PART OF PARCEL 17005737

PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 NORTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

COMMENCING AT THE NORTH QUARTER POST OF SECTION 3; THENCE SOUTH 02 DEGREES 45 MINUTES 47 SECONDS EAST 2224.88 FEET ALONG THE NORTH AND SOUTH QUARTER LINE OF SECTION 3; THENCE NORTH 87 DEGREES 14 MINUTES 13 SECONDS EAST 88.61 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 90 DEGREES 00 MINUTES 00 SECONDS EAST 163.65 FEET; THENCE SOUTH 10 DEGREES 51 MINUTES 17 SECONDS WEST 40.73 FEET; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS WEST 87.02 FEET; THENCE NORTH 79 DEGREES 51 MINUTES 07 SECONDS WEST 29.40 FEET; THENCE SOUTH 10 DEGREES 08 MINUTES 53 SECONDS WEST 70.00 FEET; THENCE SOUTH 79 DEGREES 51 MINUTES 07 SECONDS EAST 12.51 FEET; THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS WEST 28.45 FEET; THENCE SOUTH 79 DEGREES 58 MINUTES 13 SECONDS EAST 50.78 FEET; THENCE SOUTH 42 DEGREES 47 MINUTES 14 SECONDS WEST 47.56 FEET; THENCE NORTH 79 DEGREES 58 MINUTES 13 SECONDS WEST 58.59 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST 167.93 FEET TO THE POINT OF BEGINNING.

SUBJECT TO ANY AND ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR OTHERWISE.

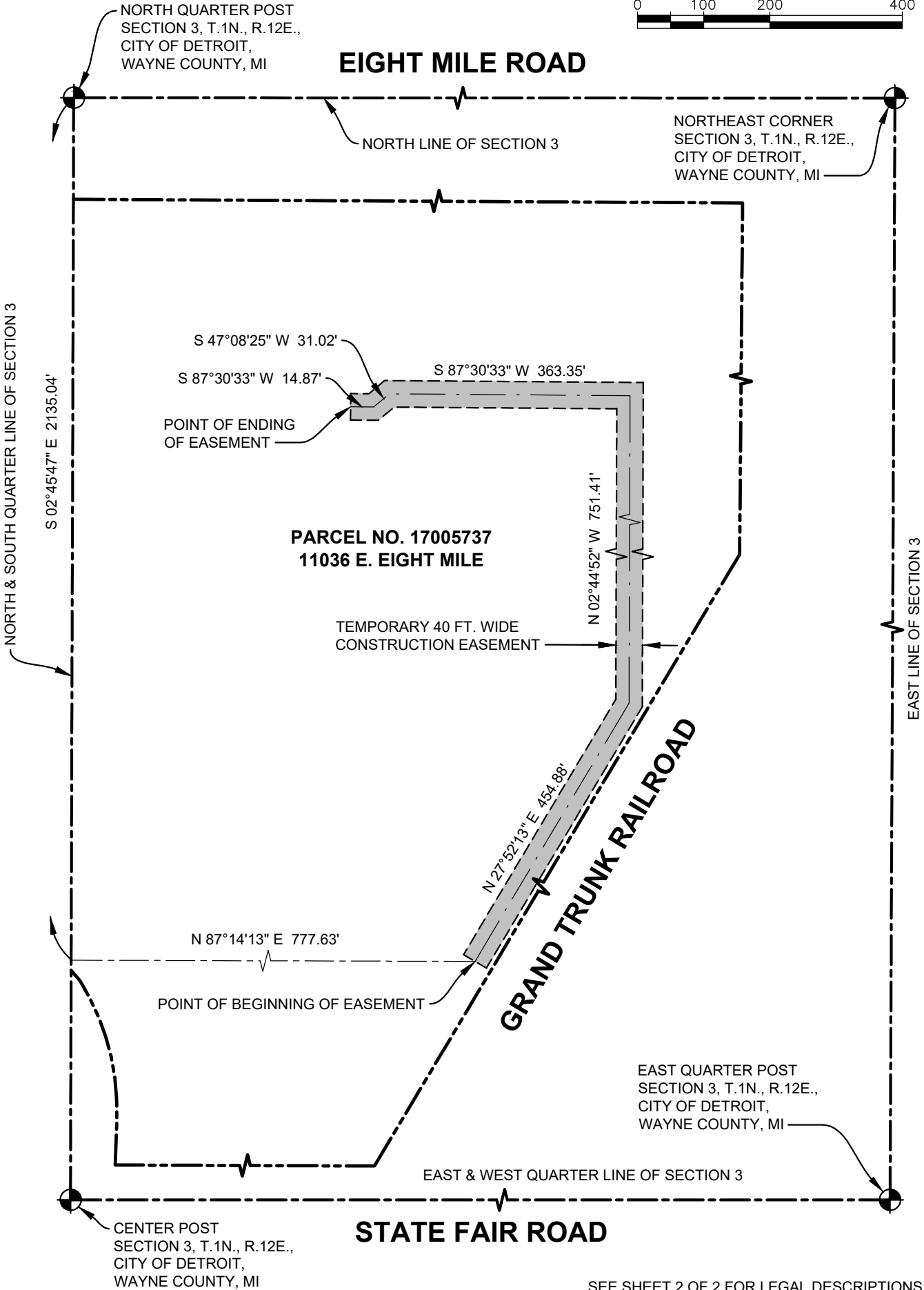
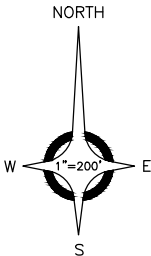
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GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT				PARCEL I.D. NO.: 17005737	
ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE				GRANTOR (FROM): GREAT LAKES WATER AUTHORITY	
CITY, ST., & ZIP: WATERFORD, MI 48328				ADDRESS: 735 RANDOLPH, SUITE 1900	
				CITY, ST., & ZIP: DETROIT, MI 48224	
SEC: 3	CITY: DETROIT	COUNTY: WAYNE		AEW NO.: 0211-0200	BOOK NO.:
DRAWN BY: MJS		CHECKED BY: CPA	SCALE: N.T.S.	EASEMENT NO.: Easement_Electrical	CONST. PLAN PAGE NO.:
SHEET 2 OF 2				TITLE SEARCH:	



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51301 Schoenherr Rd Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315  
www.aewinc.com

EXHIBIT "C"  
NORTHEAST SANITARY  
PUMP STATION 24kv DUCT BANK  
TEMPORARY  
CONSTRUCTION EASEMENT



SEE SHEET 2 OF 2 FOR LEGAL DESCRIPTIONS

GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT				PARCEL I.D. NO.: 17005737	
ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE				GRANTOR (FROM): GREAT LAKES WATER AUTHORITY	
CITY, ST., & ZIP: WATERFORD, MI 48328				ADDRESS: 735 RANDOLPH, SUITE 1900	
				CITY, ST., & ZIP: DETROIT, MI 48224	
SEC: 3	CITY: DETROIT	COUNTY: WAYNE		AEW NO.: 0211-0200	BOOK NO.:
DRAWN BY: MJS		CHECKED BY: CPA	SCALE: 1" = 200'	EASEMENT NO.: Easement_Electrical_NE OF NEPS	CONST. PLAN PAGE NO.:
SHEET 1 OF 2				TITLE SEARCH:	



ANDERSON, ECKSTEIN AND  
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Michigan 48315 www.aewinc.com

EXHIBIT "C"  
NORTHEAST SANITARY  
PUMP STATION 24kv DUCT BANK  
TEMPORARY  
CONSTRUCTION EASEMENT

DESCRIPTION  
PARCEL 17005737  
11036 E. EIGHT MILE ROAD

PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 3, LYING WESTERLY OF THE GRAND TRUNK RAILROAD, BETWEEN EIGHT MILE ROAD AND STATE FAIR ROAD, EXCEPT THE SOUTH 312.35 ON THE WEST LINE BEING THE SOUTH 94.10 FEET ON THE EAST LINE OF THE WEST 71.40 THEREOF.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

DESCRIPTION  
NORTHEAST SANITARY PUMP STATION 24kv DUCT BANK  
TEMPORARY CONSTRUCTION EASEMENT  
PART OF PARCEL 17005737

A TEMPORARY CONSTRUCTION EASEMENT, 40.00 FEET WIDE, LYING 20.00 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE BEING PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 NORTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

COMMENCING AT THE NORTH QUARTER POST OF SECTION 3; THENCE SOUTH 02 DEGREES 45 MINUTES 47 SECONDS EAST 2135.04 FEET ALONG THE NORTH AND SOUTH QUARTER LINE OF SECTION 3; THENCE NORTH 87 DEGREES 14 MINUTES 13 SECONDS EAST 777.63 FEET TO THE POINT OF BEGINNING OF THIS DESCRIBED CENTERLINE; THENCE NORTH 27 DEGREES 52 MINUTES 13 SECONDS EAST 454.88 FEET; THENCE NORTH 02 DEGREES 44 MINUTES 52 SECONDS WEST 751.41 FEET; THENCE SOUTH 87 DEGREES 30 MINUTES 33 SECONDS WEST 363.35 FEET; THENCE SOUTH 47 DEGREES 08 MINUTES 25 SECONDS WEST 31.02 FEET; THENCE SOUTH 87 DEGREES 30 MINUTES 33 SECONDS WEST 14.87 FEET TO THE POINT OF ENDING OF THIS DESCRIBED CENTERLINE.

SUBJECT TO ANY AND ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR OTHERWISE.

				PARCEL I.D. NO.: 17005737	
GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT				GRANTOR (FROM): GREAT LAKES WATER AUTHORITY	
ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE				ADDRESS: 735 RANDOLPH, SUITE 1900	
CITY, ST., & ZIP: WATERFORD, MI 48328				CITY, ST., & ZIP: DETROIT, MI 48224	
SEC: 3		CITY: DETROIT		COUNTY: WAYNE	
DRAWN BY: MJS		CHECKED BY: CPA		SCALE: N.T.S.	
SHEET 2 OF 2				EASEMENT NO.: Easement_Electrical_NE OF NEPS	
				CONST. PLAN PAGE NO.:	
				TITLE SEARCH:	

# EXHIBIT “D”

## Construction Drawing Excerpts:

OMID NI-EA Contract No.1: PCI-4 Rehabilitation  
Project Sheets C.401, C.402 and Sheet 403  
(Reference Exhibit “A”)

NESPS Pumping and Electrical Upgrades Project  
Sheet E-04 (Reference Exhibit “B”)  
Sheet E-03 (Reference Exhibit “C”)



E  
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C  
B  
A

1

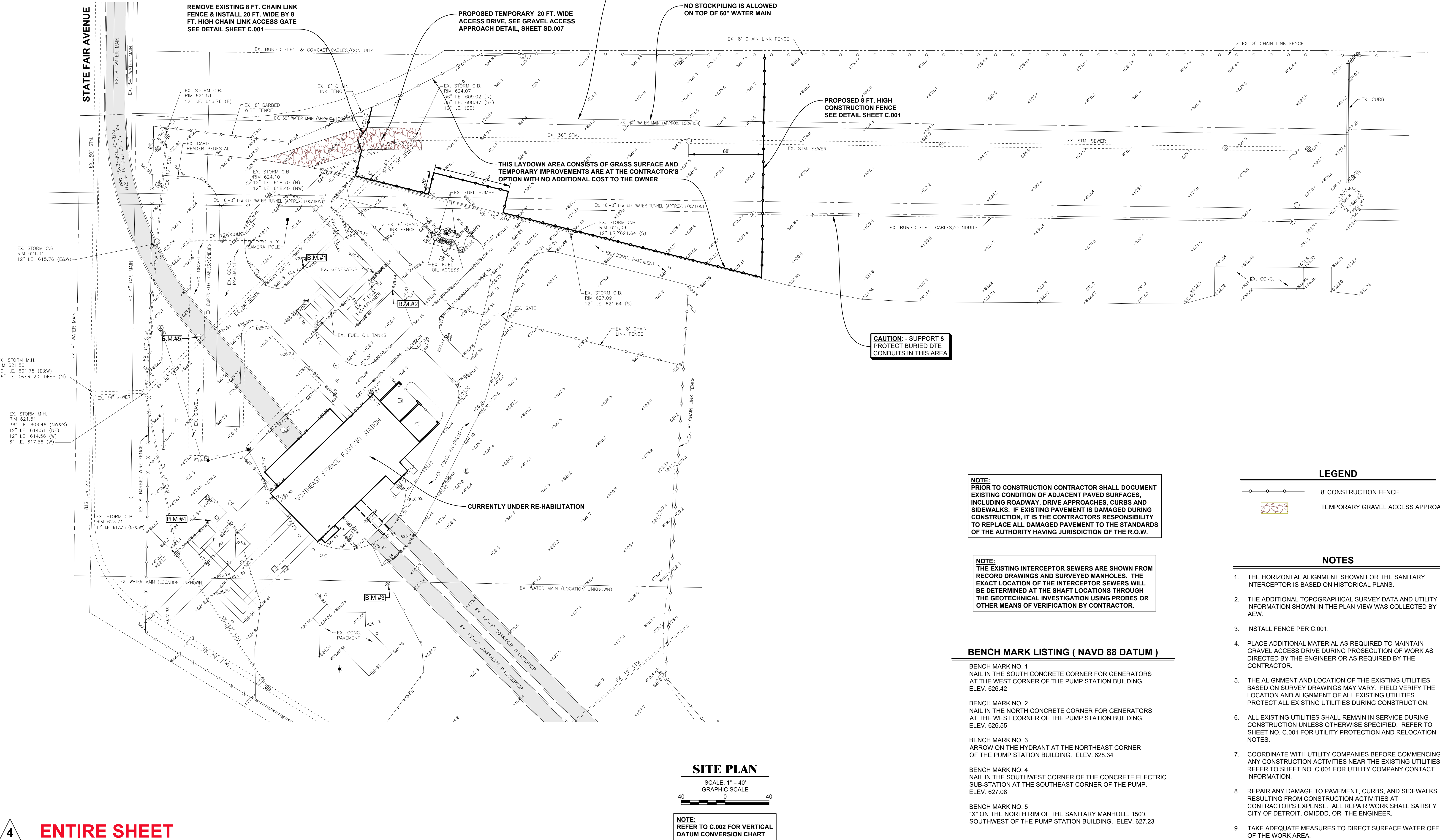
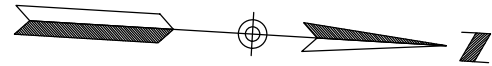
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**SITE PLAN**  
SCALE: 1" = 40'  
GRAPHIC SCALE  
40 0 40  
**NOTE:**  
REFER TO C.002 FOR VERTICAL DATUM CONVERSION CHART

**NOTE:**  
PRIOR TO CONSTRUCTION CONTRACTOR SHALL DOCUMENT EXISTING CONDITION OF ADJACENT PAVED SURFACES, INCLUDING ROADWAY, DRIVE APPROACHES, CURBS AND SIDEWALKS. IF EXISTING PAVEMENT IS DAMAGED DURING CONSTRUCTION, IT IS THE CONTRACTORS RESPONSIBILITY TO REPLACE ALL DAMAGED PAVEMENT TO THE STANDARDS OF THE AUTHORITY HAVING JURISDICTION OF THE R.O.W.

**NOTE:**  
THE EXISTING INTERCEPTOR SEWERS ARE SHOWN FROM RECORD DRAWINGS AND SURVEYED MANHOLES. THE EXACT LOCATION OF THE INTERCEPTOR SEWERS WILL BE DETERMINED AT THE SHAFT LOCATIONS THROUGH THE GEOTECHNICAL INVESTIGATION USING PROBES OR OTHER MEANS OF VERIFICATION BY CONTRACTOR.

- BENCH MARK LISTING ( NAVD 88 DATUM )**
- BENCH MARK NO. 1  
NAIL IN THE SOUTH CONCRETE CORNER FOR GENERATORS AT THE WEST CORNER OF THE PUMP STATION BUILDING. ELEV. 626.42
- BENCH MARK NO. 2  
NAIL IN THE NORTH CONCRETE CORNER FOR GENERATORS AT THE WEST CORNER OF THE PUMP STATION BUILDING. ELEV. 626.55
- BENCH MARK NO. 3  
ARROW ON THE HYDRANT AT THE NORTHEAST CORNER OF THE PUMP STATION BUILDING. ELEV. 628.34
- BENCH MARK NO. 4  
NAIL IN THE SOUTHWEST CORNER OF THE CONCRETE ELECTRIC SUB-STATION AT THE SOUTHEAST CORNER OF THE PUMP. ELEV. 627.08
- BENCH MARK NO. 5  
"X" ON THE NORTH RIM OF THE SANITARY MANHOLE, 150'± SOUTHWEST OF THE PUMP STATION BUILDING. ELEV. 627.23

**LEGEND**

8" CONSTRUCTION FENCE

TEMPORARY GRAVEL ACCESS APPROACH

- NOTES**
- THE HORIZONTAL ALIGNMENT SHOWN FOR THE SANITARY INTERCEPTOR IS BASED ON HISTORICAL PLANS.
  - THE ADDITIONAL TOPOGRAPHICAL SURVEY DATA AND UTILITY INFORMATION SHOWN IN THE PLAN VIEW WAS COLLECTED BY AEW.
  - INSTALL FENCE PER C.001.
  - PLACE ADDITIONAL MATERIAL AS REQUIRED TO MAINTAIN GRAVEL ACCESS DRIVE DURING PROSECUTION OF WORK AS DIRECTED BY THE ENGINEER OR AS REQUIRED BY THE CONTRACTOR.
  - THE ALIGNMENT AND LOCATION OF THE EXISTING UTILITIES BASED ON SURVEY DRAWINGS MAY VARY. FIELD VERIFY THE LOCATION AND ALIGNMENT OF ALL EXISTING UTILITIES. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
  - ALL EXISTING UTILITIES SHALL REMAIN IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE SPECIFIED. REFER TO SHEET NO. C.001 FOR UTILITY PROTECTION AND RELOCATION NOTES.
  - COORDINATE WITH UTILITY COMPANIES BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES NEAR THE EXISTING UTILITIES. REFER TO SHEET NO. C.001 FOR UTILITY COMPANY CONTACT INFORMATION.
  - REPAIR ANY DAMAGE TO PAVEMENT, CURBS, AND SIDEWALKS RESULTING FROM CONSTRUCTION ACTIVITIES AT CONTRACTOR'S EXPENSE. ALL REPAIR WORK SHALL SATISFY CITY OF DETROIT, OMIDDD, OR THE ENGINEER.
  - TAKE ADEQUATE MEASURES TO DIRECT SURFACE WATER OFF OF THE WORK AREA.

**4 ENTIRE SHEET**

REVISIONS			
REV	DESCRIPTION	DATE	BY
1	ISSUED FOR BID	06/10/2020	LJU
2	ADDENDUM NO. 3	08/28/2020	LJU
3	ADDENDUM NO. 4	09/16/2020	LJU

DESIGNED BY: LJU
DRAWN BY: MJS
CHECKED BY: JLA
PROJECT MANAGER: LJU

**ANDERSON, ECKSTEIN AND WESTRICK, INC.**  
Civil Engineers  
Surveyors  
Architects

**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services  
Detroit, MI • Northville, MI  
Lansing, MI • Grand Rapids, MI  
Cleveland, OH



NORTH INTERCEPTOR - EAST ARM  
NI-EA OMID CONTRACT NO. 1 PCI-4 REHABILITATION

OAKLAND-MACOMB INTERCEPTOR DRAIN (OMID)  
NORTH INTERCEPTOR - EAST ARM (NI-EA)  
WAYNE COUNTY, MICHIGAN

LAYDOWN AREA: NESPS PUMP STATION  
SITE PLAN

WRP  
WATER RESOURCES COMMISSION  
Jim Nash

MACOMB COUNTY  
MICHIGAN

CAD FILE NAME:  
NEPS Plans

INCEP DATE:  
16-Apr-20

SHEET REFERENCE NUMBER:  
**C.401**

DRAWING SCALE:  
1" = 40'

PLOT DATE:  
02-Jun-20

9/16/2020 8:16:28 AM



E  
D  
C  
B  
A

1

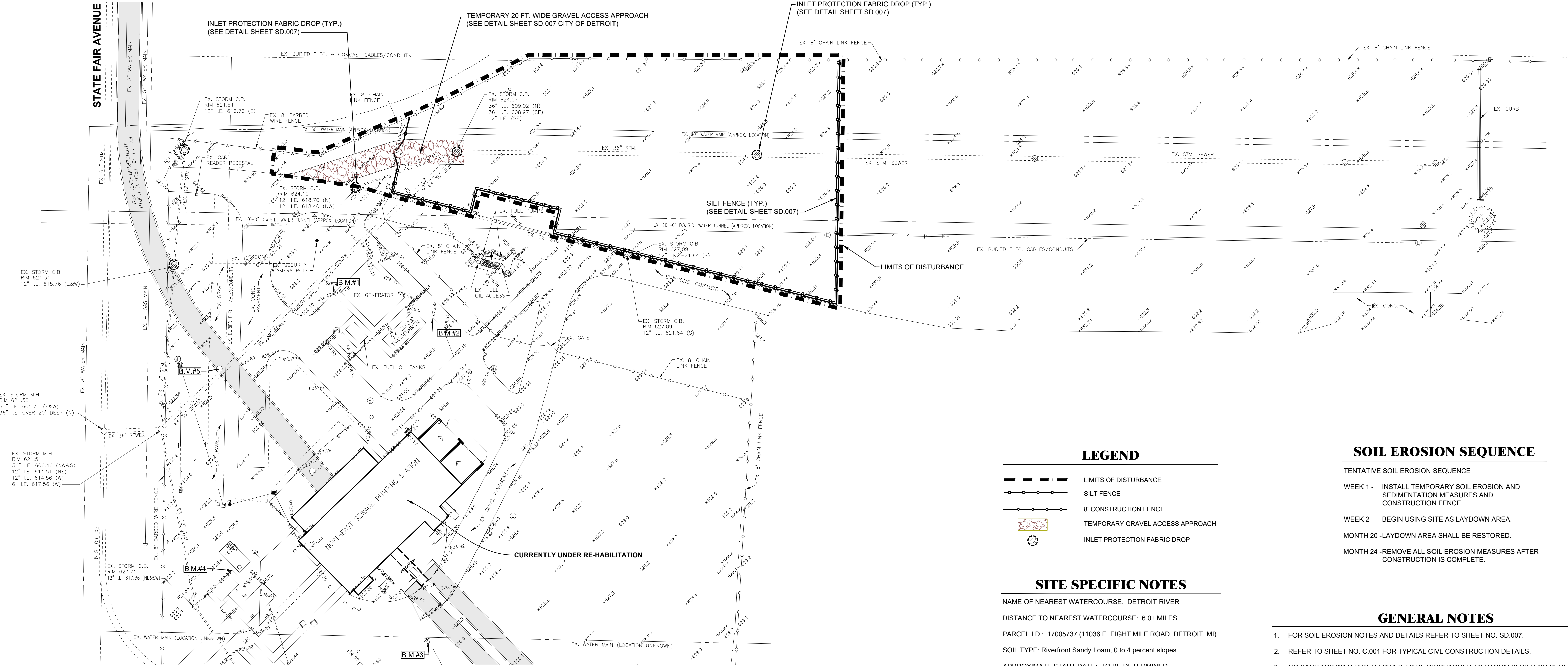
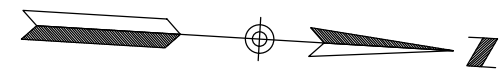
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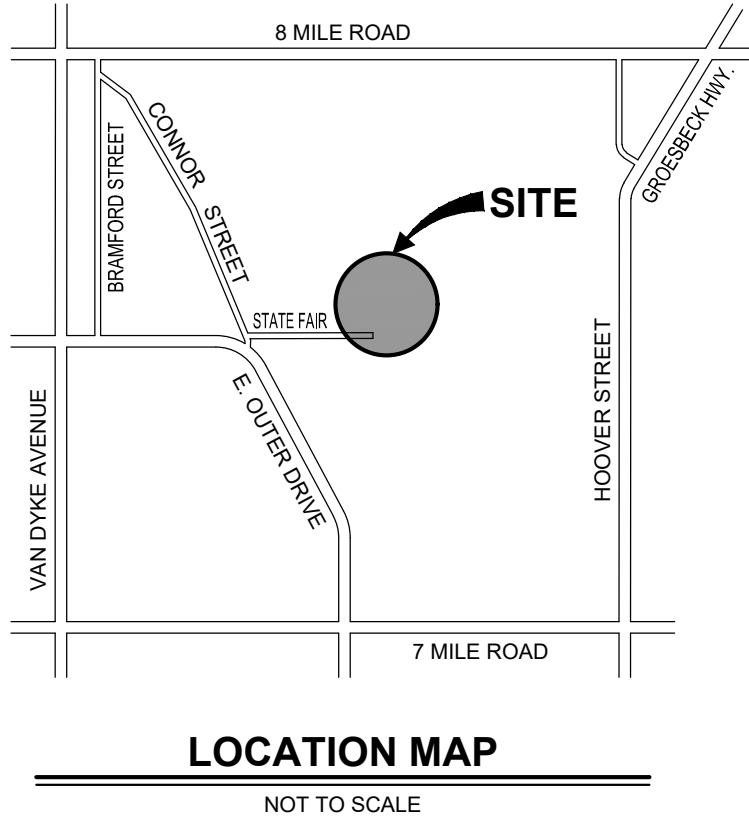
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**NOTE:**  
THIS PROJECT SHALL BE CONSTRUCTED IN  
ACCORDANCE WITH PART 91 OF ACT 451  
OF 1994, AS AMENDED. THE SOIL EROSION  
AND SEDIMENT CONTROL ACT.

**4 ENTIRE SHEET**



### SOIL EROSION PLAN

SCALE: 1" = 40'  
GRAPHIC SCALE

**NOTE:**  
REFER TO C.002 FOR VERTICAL  
DATUM CONVERSION CHART

### LEGEND

- LIMITS OF DISTURBANCE
- SILT FENCE
- 8" CONSTRUCTION FENCE
- TEMPORARY GRAVEL ACCESS APPROACH
- INLET PROTECTION FABRIC DROP

### SITE SPECIFIC NOTES

NAME OF NEAREST WATERCOURSE: DETROIT RIVER  
DISTANCE TO NEAREST WATERCOURSE: 6.0± MILES  
PARCEL I.D.: 17005737 (11036 E. EIGHT MILE ROAD, DETROIT, MI)  
SOIL TYPE: Riverfront Sandy Loam, 0 to 4 percent slopes  
APPROXIMATE START DATE: TO BE DETERMINED  
APPROXIMATE COMPLETION DATE: TO BE DETERMINED  
TOTAL ACRES DISTURBED: 4.10± Acres

### BENCH MARK LISTING ( NAVD 88 DATUM )

- BENCH MARK NO. 1  
NAIL IN THE SOUTH CONCRETE CORNER FOR GENERATORS  
AT THE WEST CORNER OF THE PUMP STATION BUILDING.  
ELEV. 626.42
- BENCH MARK NO. 2  
NAIL IN THE NORTH CONCRETE CORNER FOR GENERATORS  
AT THE WEST CORNER OF THE PUMP STATION BUILDING.  
ELEV. 626.55
- BENCH MARK NO. 3  
ARROW ON THE HYDRANT AT THE NORTHEAST CORNER  
OF THE PUMP STATION BUILDING. ELEV. 628.34
- BENCH MARK NO. 4  
NAIL IN THE SOUTHWEST CORNER OF THE CONCRETE ELECTRIC  
SUB-STATION AT THE SOUTHEAST CORNER OF THE PUMP.  
ELEV. 627.08
- BENCH MARK NO. 5  
"X" ON THE NORTH RIM OF THE SANITARY MANHOLE, 150'±  
SOUTHWEST OF THE PUMP STATION BUILDING. ELEV. 627.23

### SOIL EROSION SEQUENCE

- TENTATIVE SOIL EROSION SEQUENCE
- WEEK 1 - INSTALL TEMPORARY SOIL EROSION AND  
SEDIMENTATION MEASURES AND  
CONSTRUCTION FENCE.
- WEEK 2 - BEGIN USING SITE AS LAYDOWN AREA.
- MONTH 20 - LAYDOWN AREA SHALL BE RESTORED.
- MONTH 24 - REMOVE ALL SOIL EROSION MEASURES AFTER  
CONSTRUCTION IS COMPLETE.

### GENERAL NOTES

- FOR SOIL EROSION NOTES AND DETAILS REFER TO SHEET NO. SD.007.
- REFER TO SHEET NO. C.001 FOR TYPICAL CIVL CONSTRUCTION DETAILS.
- NO SANITARY WATER IS ALLOWED TO BE DISCHARGED TO STORM SEWER OR SURFACE WATERS.

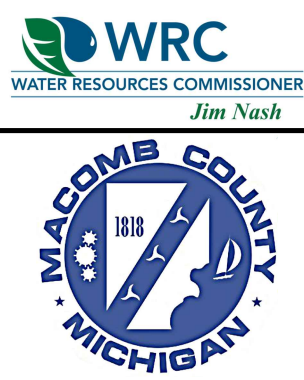
### ORDER OF CONSTRUCTION

- NOTICE TO PROCEED.
- PROTECT CATCH BASINS LOCATED NEAR THE SITE TO PREVENT SEDIMENT FROM ENTERING THE FACILITY. CHECK FILTER BAGS PERIODICALLY AND CLEAN WHENEVER THEY FAIL TO FILTER RUNOFF.
- INSTALL ALL APPLICABLE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO OR IN CONJUNCTION WITH THE START OF CONSTRUCTION. MAINTAIN ALL SOIL EROSION DEVICES AND KEEP IN PLACE UNTIL ALL AREAS ARE STABILIZED.
- DISTURB ONLY THE AREAS NEEDED FOR CONSTRUCTION.
- CONTRACTOR TO CLEAN SOIL MATERIALS ON THE STREET. SOIL TO BE REMOVED IMMEDIATELY FROM THE STREET BY CONTRACTOR. STREETS MUST BE KEPT CLEAN.
- REMOVE ALL SOIL EROSION MEASURES ONCE CONSTRUCTION IS COMPLETED.

NORTH INTERCEPTOR - EAST ARM  
NI-EA OMID CONTRACT NO. 1 PCI-4 REHABILITATION

OAKLAND-MACOMB INTERCEPTOR DRAIN (OMID)  
NORTH INTERCEPTOR - EAST ARM (NI-EA)  
WAYNE COUNTY, MICHIGAN

LAYDOWN AREA: NESPS PUMP STATION  
SOIL EROSION AND SEDIMENTATION PLAN



CAD FILE NAME: NEPS Plans  
DRAWING SCALE: 1" = 40'  
INCEP DATE: 16-Apr-20  
PLOT DATE: 02-Jun-20  
SHEET REFERENCE NUMBER:

**C.402**

9/16/2020 8:20:58 AM



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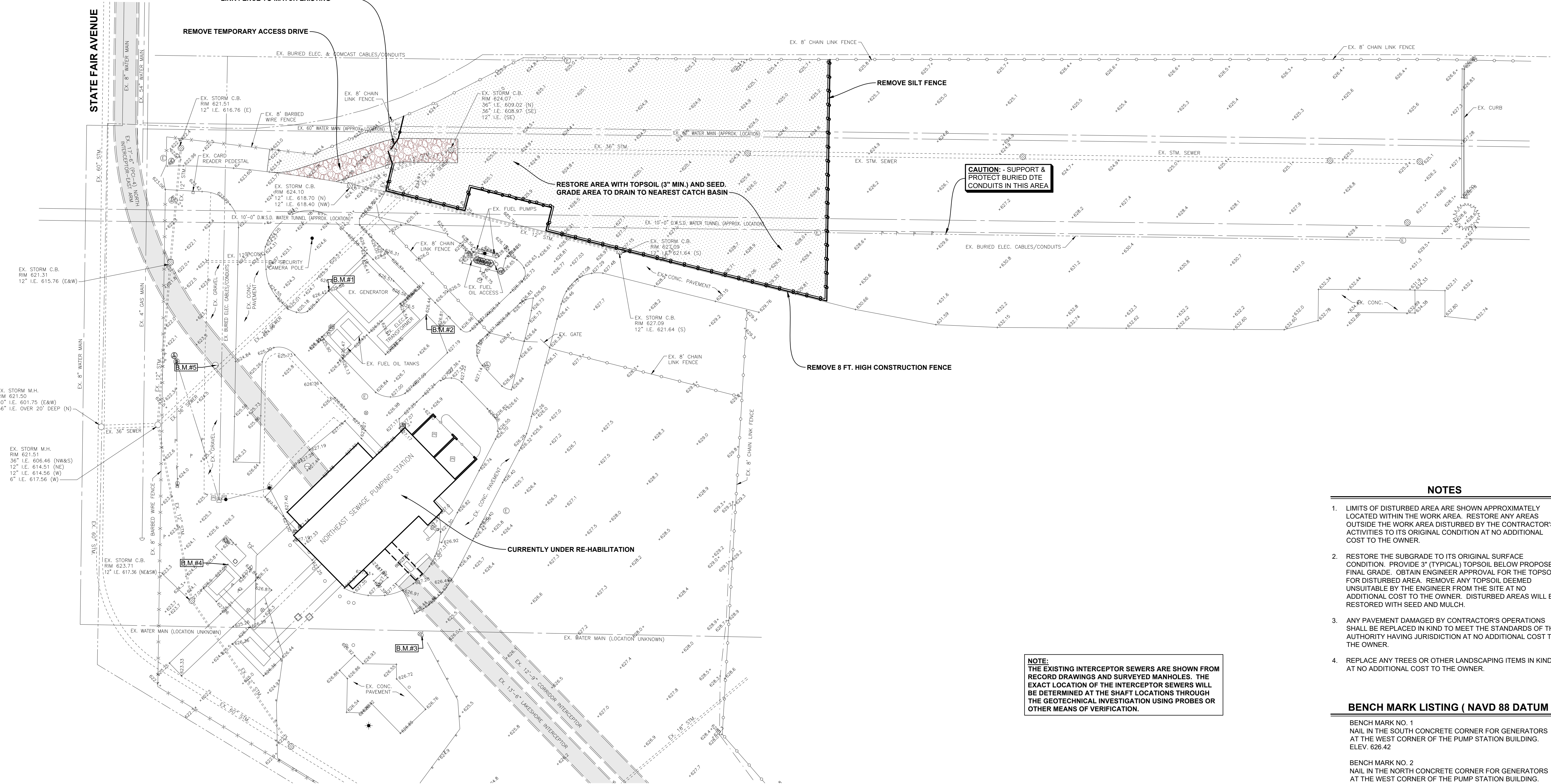
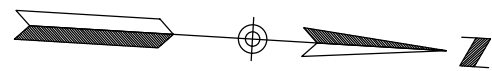
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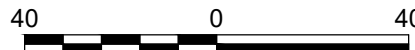
5

6



### RESTORATION PLAN

SCALE: 1" = 40'  
GRAPHIC SCALE



NOTE:  
REFER TO C.002 FOR VERTICAL  
DATUM CONVERSION CHART

NOTE:  
THE EXISTING INTERCEPTOR SEWERS ARE SHOWN FROM  
RECORD DRAWINGS AND SURVEYED MANHOLES. THE  
EXACT LOCATION OF THE INTERCEPTOR SEWERS WILL  
BE DETERMINED AT THE SHAFT LOCATIONS THROUGH  
THE GEOTECHNICAL INVESTIGATION USING PROBES OR  
OTHER MEANS OF VERIFICATION.

### LEGEND

- 8" CONSTRUCTION FENCE
- SILT FENCE
- RESTORED GREENBELT AREA

### NOTES

- LIMITS OF DISTURBED AREA ARE SHOWN APPROXIMATELY LOCATED WITHIN THE WORK AREA. RESTORE ANY AREAS OUTSIDE THE WORK AREA DISTURBED BY THE CONTRACTOR'S ACTIVITIES TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- RESTORE THE SUBGRADE TO ITS ORIGINAL SURFACE CONDITION. PROVIDE 3" (TYPICAL) TOPSOIL BELOW PROPOSED FINAL GRADE. OBTAIN ENGINEER APPROVAL FOR THE TOPSOIL FOR DISTURBED AREA. REMOVE ANY TOPSOIL DEEMED UNSUITABLE BY THE ENGINEER FROM THE SITE AT NO ADDITIONAL COST TO THE OWNER. DISTURBED AREAS WILL BE RESTORED WITH SEED AND MULCH.
- ANY PAVEMENT DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND TO MEET THE STANDARDS OF THE AUTHORITY HAVING JURISDICTION AT NO ADDITIONAL COST TO THE OWNER.
- REPLACE ANY TREES OR OTHER LANDSCAPING ITEMS IN KIND AT NO ADDITIONAL COST TO THE OWNER.

### BENCH MARK LISTING ( NAVD 88 DATUM )

- BENCH MARK NO. 1  
NAIL IN THE SOUTH CONCRETE CORNER FOR GENERATORS AT THE WEST CORNER OF THE PUMP STATION BUILDING. ELEV. 626.42
- BENCH MARK NO. 2  
NAIL IN THE NORTH CONCRETE CORNER FOR GENERATORS AT THE WEST CORNER OF THE PUMP STATION BUILDING. ELEV. 626.55
- BENCH MARK NO. 3  
ARROW ON THE HYDRANT AT THE NORTHEAST CORNER OF THE PUMP STATION BUILDING. ELEV. 628.34
- BENCH MARK NO. 4  
NAIL IN THE SOUTHWEST CORNER OF THE CONCRETE ELECTRIC SUB-STATION AT THE SOUTHEAST CORNER OF THE PUMP. ELEV. 627.08
- BENCH MARK NO. 5  
"X" ON THE NORTH RIM OF THE SANITARY MANHOLE, 150'± SOUTHWEST OF THE PUMP STATION BUILDING. ELEV. 627.23

4 ENTIRE SHEET

REVISIONS			
REV	DESCRIPTION	DATE	BY
1	ISSUED FOR BID	06/10/2020	LJU
2	ADDENDUM NO. 3	08/28/2020	LJU
3	ADDENDUM NO. 4	09/16/2020	LJU

DESIGNED BY:  
LJU

DRAWN BY:  
MJS

CHECKED BY:  
JLA

PROJECT MANAGER:  
LJU



NORTH INTERCEPTOR - EAST ARM  
NI-EA OMID CONTRACT NO. 1 PCI-4 REHABILITATION

OAKLAND-MACOMB INTERCEPTOR DRAIN (OMID)  
NORTH INTERCEPTOR - EAST ARM (NI-EA)  
WAYNE COUNTY, MICHIGAN

LAYDOWN AREA: NESPS PUMP STATION  
SITE RESTORATION PLAN



CAD FILE NAME: NEPS Plans  
DRAWING SCALE: 1" = 40'

INCEP DATE: 16-Apr-20  
PLOT DATE: 02-Jun-20

SHEET REFERENCE NUMBER:  
**C.403**

9/16/2020 8:25:29 AM



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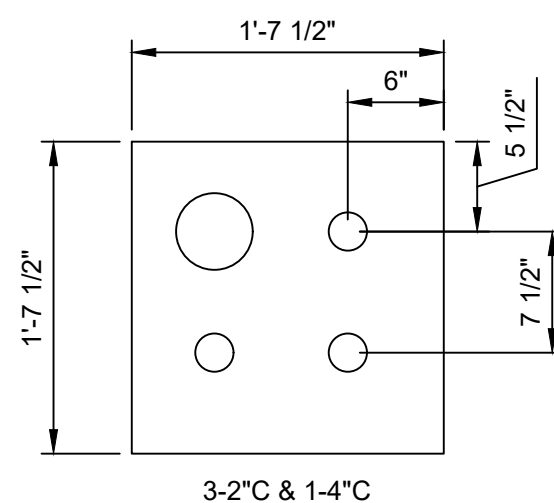
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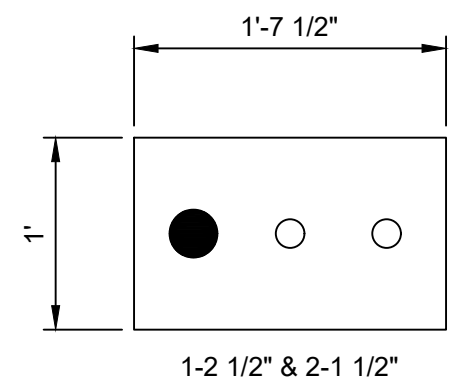
6

## GENERAL SHEET NOTES

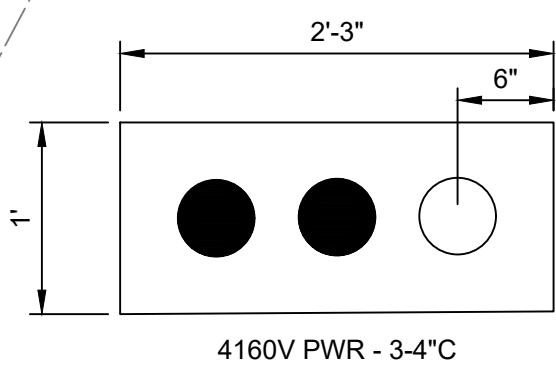
1. REFER TO GENERAL ELECTRICAL "GE" SHEETS FOR ELECTRICAL DUCT BANK DETAILS.
2. ALL ELECTRIC MANHOLES SHALL BE PRE-CAST CONCRETE (4000 PSI @ 28 DAYS). SEE DETAIL, SHEET GE-03.
3. ALL CONDUITS IN NEW DUCT BANKS SHALL BE CONCRETE ENCASED SCHEDULE #20 PVC.
4. CABLE NUMBER AND SIZING SHOWN ARE FOR INFORMATION AND NOT FOR CONSTRUCTION
5. SEE SHT. E-60 FOR SECURITY SYSTEM AND VEHICLE GATE ENTRY ENLARGED PLAN.



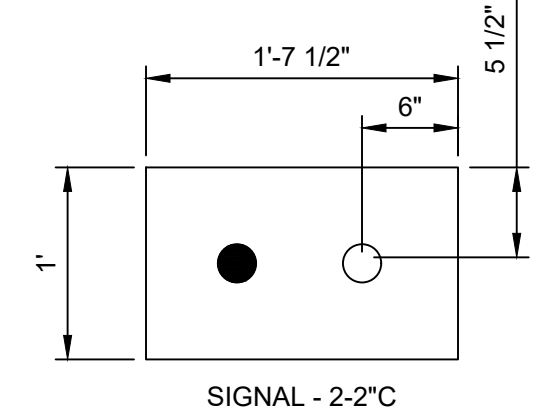
SECTION B  
E-04



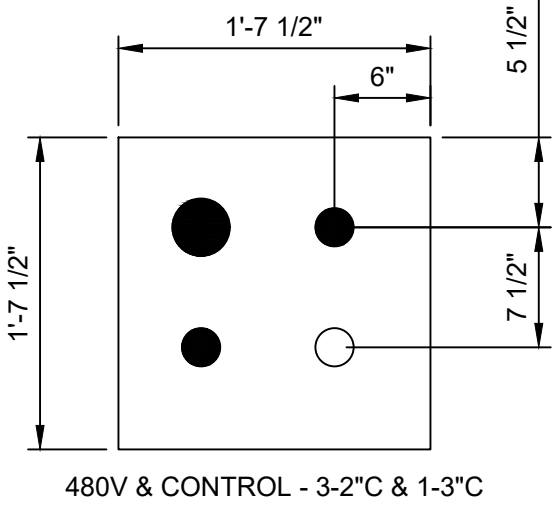
SECTION C  
E-04



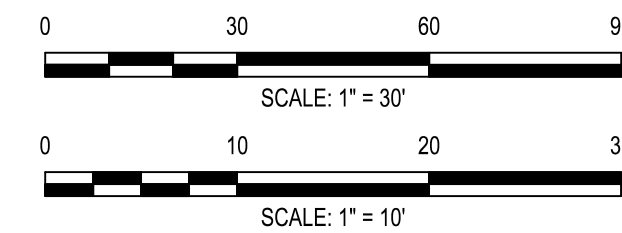
SECTION



SIGNAL - 2-2"C



SECTION A  
E-04



## ENLARGED SITE PLAN

SCALE: 1" = 30'-0"

REVISIONS				
REV	DESCRIPTION	DATE	BY	
1	SITE AND FOUNDATION PERMIT PACKAGE	4/13/20	RV	
2	SITE AND FOUNDATION BID PACKAGE	5/15/20	RV	
3	REVIEW CHANGE - 5/26/20	5/26/20	RV	
4	SITE AND FOUNDATION BID PACKAGE-ADDENDUM NO.2	7/7/20	RV	
5	100% DESIGN	8/7/20	RV	

DESIGNED BY:	SP
DRAWN BY:	BB
CHECKED BY:	RV
PROJECT MANAGER:	DM



SEAL:

## PUMPING AND ELECTRICAL SYSTEM UPGRADES

## NORTHEAST SEWAGE PUMPING STATION (NESPS) WAYNE COUNTY, MICHIGAN

## ELECTRICAL ENLARGED SITE PLAN



CAD FILE NAME:	E-04	DRAWING SCALE:	AS SHOWN
INCEP DATE:	SEPT 2019	PLOT DATE:	30-Aug-19
SHEET NUMBER:		<b>E-04</b>	

8/7/2020 2:45:53 PM





"SHUTDOWN REQUEST" REQUIREMENTS OF NEW 24 KV PRIMARY CABLE CONNECTION TO DTE FEEDER

THE CONTRACTOR SHALL COMPLY WITH FOLLOWING ADDITIONAL REQUIREMENTS PRIOR TO MAKING CONNECTION OF NEW PRIMARY FEEDER CABLE TO THE EXISTING INCOMING DTE TRUNK FEEDERS TO THE NEWTP/NESPS. THESE REQUIREMENTS SHALL BE SUPPLEMENT TO THE OTHER RELEVANT REQUIREMENTS SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS.

- EQUIPMENT SHUTDOWN REQUEST SHALL BE SUBMITTED ONLY UPON COMPLETION ALL REQUIRED WORK AS SPECIFIED IN THE PUMP LOADS TRANSFER SEQUENCE SHOWN ON SHEET GE-02
- THE SHUTDOWN REQUEST SHALL BE SUBMITTED MINIMUM 30 DAYS PRIOR TO PERFORMING THE PROPOSED CONNECTION AND SHALL INCLUDE, AS MINIMUM THE FOLLOWING INFORMATION.

- COORDINATION REQUIREMENTS WITH DTE AND GLWA
- DATA SHEET OF SPICING KIT AND OTHER PRODUCTS PROPOSED TO BE USED
- DETAILS OF METHODS/PROCEDURES OF PROPOSED SPLICING
- QUALIFICATION OF PERSONNEL/TECHNICIAN PERFORMING THE WORK
- ESTIMATED DURATION OF WORK AND THE OUTAGE REQUIRED
- CONTINGENCY PLAN, IF REQUIRED BY GLWA

- CONTRACTOR SHUTDOWN REQUEST WITH ABOVE DETAILS WILL BE REVIEWED BY OMIDD/GLWA AND DTE (PREFERABLY IN A WORKSHOP). THE WORK CAN NOT COMMENCE UNTIL A FORMAL APPROVAL IS ISSUED BY OMIDD.

OVERALL SITE

SCALE: 1" = 40'-0"

9/29/2020 2:44:17 PM

REVISIONS			
REV	DESCRIPTION	DATE	BY
1	SITE AND FOUNDATION PERMIT PACKAGE	4/13/20	RV
2	SITE AND FOUNDATION BID PACKAGE	5/15/20	RV
3	SITE AND FOUNDATION BID PACKAGE-ADDENDUM NO.2	7/7/20	RV
4	100% DESIGN	8/7/20	RV

DESIGNED BY:	SP
DRAWN BY:	BB
CHECKED BY:	RV
PROJECT MANAGER:	DM



SEAL:

PUMPING AND ELECTRICAL SYSTEM UPGRADES

NORTHEAST SEWAGE PUMPING STATION (NESPS)  
WAYNE COUNTY, MICHIGAN

ELECTRICAL  
OVERALL SITE PLAN



Candice S. Miller  
Macomb County Public Works Commissioner



CAD FILE NAME: E-03  
DRAWING SCALE: AS SHOWN

INCEP DATE: Date  
PLOT DATE: 10-Jan-20

SHEET NUMBER:

E-03



**TEMPORARY CONSTRUCTION EASEMENT AGREEMENT**

Parcel No. \_\_\_\_\_  
Project: **OMID NI-EA  
Rehabilitation**

On February 2, 2021 (the "Effective Date"), FCA US LLC, a Delaware limited liability company, with an address of 1000 Chrysler Drive, CIMS 485-12-78, Auburn Hills, Michigan 48326, Attn: Manager, Corporate Real Estate ("GRANTOR") and the **OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**, a Michigan Statutory Corporation (the "GRANTEE"), acting through the Drainage Board for the OAKLAND-MACOMB INTERCEPTOR DRAIN ("DRAIN") pursuant to Act No. 40 of the Public Acts of 1956 ("Drain Code"), as amended, whose address is the Office of the Oakland County Water Resources Commissioner ("WRC"), One Public Works Drive, Waterford, Michigan 48328-1907 (GRANTOR and GRANTEE are the "Parties" and each without distinction the "Party"), enter into this Temporary Construction Easement Agreement (this "Agreement").

**RECITALS:**

A. The GRANTOR is the owner of certain real property described as follows (the "Grantor's Land"):

See **Exhibit "A"** attached hereto and made a part hereof

**Tax Identification No: 17/16323-7**

**Commonly Known As: 20000 Conner, Detroit, MI 48234, and,**

B. The GRANTEE desires to acquire from the GRANTOR the TEMPORARY CONSTRUCTION EASEMENT (as defined below).

**IT IS THEREFORE AGREED:**

1. **Grant, Purpose and Termination of TEMPORARY CONSTRUCTION EASEMENT.** For and in consideration of the sum of **ONE DOLLAR (\$1.00)** receipt of which is hereby acknowledged, paid to the GRANTOR by the GRANTEE, the GRANTOR hereby grants to the GRANTEE a temporary easement for the purpose of GRANTEE's initial construction and/or repair of the DRAIN at GRANTEE's expense in accordance with the plans and specifications therefor approved by the Drain Board (the "TEMPORARY CONSTRUCTION EASEMENT"), in the area on Grantor's Land which is described and depicted on **Exhibit "A"** attached hereto and made a part hereof (the "TEMPORARY CONSTRUCTION EASEMENT AREA"), provided that the use of the TEMPORARY CONSTRUCTION EASEMENT shall not interfere with GRANTOR's

use of the Grantor's Land and without cost to GRANTOR. On or before the Effective Date, GRANTEE shall deliver a copy of such approved plans and specifications to GRANTOR. GRANTEE shall deliver written notice to GRANTOR in accordance with Paragraph 10 by no later than fifteen (15) business days after the completion of the construction and/or repair of the DRAIN which is contemplated by this Agreement specifying the date of such completion, and date of such completion shall in no event be later than June 30, 2024 (the "Completion Notice"), and the TEMPORARY CONSTRUCTION EASEMENT shall then automatically terminate on the date specified in the Completion Notice. GRANTEE agree to reasonably cooperate in order to promptly execute and record a confirmatory termination of this Agreement if requested by GRANTOR.

Upon termination of the TEMPORARY CONSTRUCTION EASEMENT, GRANTEE, at its own cost and expense, shall promptly restore and remediate the TEMPORARY CONSTRUCTION EASEMENT AREA to the condition that existed immediately prior to entry thereon by GRANTEE and Grantee's Representatives, in accordance with all laws, including all Environmental Laws, unless GRANTOR agrees otherwise in writing. The provisions of this paragraph shall survive termination of the easement and this Agreement.

**2. Access to TEMPORARY CONSTRUCTION EASEMENT AREA; Fencing.**

GRANTEE and GRANTEE's agents, employees, contractors, subcontractors (collectively, "Grantee's Representatives") in accordance with and subject to the terms and conditions of this Agreement shall have the right of pedestrian and vehicular ingress and egress to and from the TEMPORARY CONSTRUCTION EASEMENT AREA across only those portions of the Grantor's Land as designated by GRANTOR from time to time specifically for such purposes, subject to reasonable security measures at the Grantor's Land imposed by security personnel present upon the Grantor's Land. To assist GRANTEE's gaining access to the TEMPORARY CONSTRUCTION EASEMENT AREA in accordance with the terms of this Agreement, GRANTOR agrees to provide GRANTEE with a telephone number for GRANTOR's head of security with respect to Grantor's Land.

In addition, at the commencement of GRANTEE's activities in the TEMPORARY CONSTRUCTION EASEMENT AREA pursuant to the terms and conditions of this Agreement, in order to initially access the TEMPORARY CONSTRUCTION EASEMENT AREA, GRANTEE may remove a section of GRANTOR's perimeter security fencing as required by GRANTEE for such access and replace such section with a secure locking gate which shall remain locked and secure at all times while GRANTEE is not undertaking construction in the TEMPORARY CONSTRUCTION EASEMENT AREA as permitted pursuant to the terms and conditions of this Agreement. GRANTEE shall continuously maintain the security of the fence perimeter surrounding the TEMPORARY CONSTRUCTION EASEMENT AREA at all times while GRANTEE is undertaking construction in the TEMPORARY CONSTRUCTION EASEMENT AREA as permitted pursuant to the terms and conditions of this Agreement. Upon termination

of the TEMPORARY CONSTRUCTION EASEMENT, GRANTEE, at its own cost and expense, shall promptly remove such locking gate installed by GRANTEE and install and restore the section of GRANTOR's perimeter security fencing to substantially the same condition as existed prior to the removal thereof by GRANTEE.

3. **Restoration.** If GRANTEE or Grantee's Representatives', vehicles or equipment damage the Grantor's Land, structures or improvements or GRANTOR's property, whether real property, personal property or a combination of both, then GRANTEE will either restore the Grantor's Land, structures and improvements and GRANTOR's property to the condition in which it existed prior to such damage, without cost to GRANTOR, or reimburse GRANTOR for the costs of such restoration, which restoration would be undertaken by GRANTOR, and if such restoration would impact the DRAIN, subject to GRANTEE's review and approval of plans for GRANTOR to undertake such restoration, such approval not to be unreasonably withheld, conditioned or delayed. Prior to the termination of the TEMPORARY CONSTRUCTION EASEMENT, if GRANTOR or GRANTOR's agents', employees', contractors', subcontractors', vehicles or equipment damage a portion of the DRAIN located within the TEMPORARY CONSTRUCTION EASEMENT, then GRANTOR will restore such portion of the DRAIN to the condition in which it existed prior to such damage, without cost to GRANTEE. Restoration shall be limited to restoring concrete, asphalt, and landscaping but not pavers.

4. **Liabilities.** The Parties shall be responsible for any and all damages, losses, liabilities, obligations, penalties, liens, claims, litigation, demands, defenses, judgments, suits, proceedings, settlements, costs, disbursements or expenses of any kind or of any nature whatsoever (including, without limitation, reasonable attorneys' and experts' fees and disbursements) (collectively, the "Liabilities") arising from or in connection with the Party's exercise of any rights under this Agreement or any of the Party's acts or omissions relating in any way whatsoever to any portion of the DRAIN located in the TEMPORARY CONSTRUCTION EASEMENT AREA or the TEMPORARY CONSTRUCTION EASEMENT AREA, in each case whether occurring prior to, during or after the execution of this Agreement, including without limitation Liabilities resulting from the presence of Hazardous Materials (as defined below) at, on, under or around the TEMPORARY CONSTRUCTION EASEMENT AREA or resulting from Hazardous Materials being generated, stored, disposed of, migrated to or from, or transported to, on, under or around the TEMPORARY CONSTRUCTION EASEMENT AREA or a breach of any Environmental Laws. "Hazardous Materials" shall mean: (i) any hazardous, toxic, or radioactive substance, material, matter or waste regulated under an Environmental Law; (ii) Hazardous Substances and Hazardous Waste as defined in the Comprehensive Environmental Response, Compensation and Liability Act, as amended, 42 U.S.C. §9601 et seq., and the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §6901 et seq.; and (iii) Chemical Substance as defined in the Toxic Substance Control Act, as amended, 15 U.S.C. §2601 et seq. "Environmental Laws" means all federal, state and local laws, statutes, rules, orders, decrees, consent agreements, permits, authorizations,

ordinances and codes that govern or pertain to the protection of health and the environment. GRANTEE hereby waives any claims against GRANTOR for damage or injury (including death) to any property or person caused by or resulting from the acts or omissions of GRANTEE or Grantee's Representatives occurring within or as a result of the use of the TEMPORARY CONSTRUCTION EASEMENT AREA. The obligations in this paragraph shall survive the termination of this Agreement. This Agreement does not constitute a waiver of GRANTEE's immunity defenses to any alleged Liabilities.

5. **Hazardous Materials.** Each Party hereby covenants and agrees that it shall perform any investigation and/or remediation that is required by Environmental Laws due or attributable in any way to the presence of any Hazardous Material that becomes located on, in or under the TEMPORARY CONSTRUCTION EASEMENT AREA or the Grantor's Land due to the acts or omissions of the Party. If a Party receives a report following its investigation and/or remediation, it shall provide a copy of the report to the other Party, provided that any reports delivered by GRANTOR must be delivered pursuant to a non-reliance letter and a confidentiality agreement which is in form and substance acceptable to GRANTOR.

6. **Insurance** GRANTEE shall maintain in full force and effect during the term of this Agreement: (i) commercial general liability insurance with respect to the GRANTEE's operation, management and maintenance of the TEMPORARY CONSTRUCTION EASEMENT AREA for bodily injury, death, property damage of others; and including contractual liability, independent contractors, broad form property damage for combined single limit not less than Five Million Dollars (\$5,000,000) per occurrence; (ii) "Causes of Loss-Special Form" or equivalent property insurance policy in an amount equal to the full replacement value without depreciation of the improvements located on the TEMPORARY CONSTRUCTION EASEMENT AREA; and (iii) workers' compensation and employer's liability insurance that shall provide for the statutory workers' compensation benefits and employer's liability limits of not less than One Million Dollars (\$1,000,000). GRANTOR shall maintain in full force and effect during the term of this Agreement: (a) commercial general liability insurance with respect to the TEMPORARY CONSTRUCTION EASEMENT AREA for bodily injury, death, property damage of others; and including contractual liability, independent contractors, broad form property damage for combined single limit not less than Five Million Dollars (\$5,000,000) per occurrence; and (b) workers' compensation and employer's liability insurance that shall provide for the statutory workers' compensation benefits and employer's liability limits of not less than One Million Dollars (\$1,000,000). Each Party shall be solely financially responsible for payment of its respective deductibles, retentions, self-insurance, coinsurance, uninsured amounts or any amount in excess of policy limits. All such insurance policies shall be written by insurers which have an A.M. Best & Company rating of "A-", Class "VII", or better and who are authorized to write such business in the State of Michigan. Upon request by a Party, the Party to whom a request is made shall deliver to the requesting Party certificates of insurance evidencing the required insurance. Each Party and its respective property

insurers do hereby release and waive all rights of subrogation or recovery against the other Party with respect to all insurance required to be carried hereunder.

7. **GRANTOR'S Reservation of Rights.** GRANTOR retains all other property rights in the TEMPORARY CONSTRUCTION EASEMENT AREA, for any and all purposes which do not materially interfere with, obstruct the use of or prevent the use by GRANTEE of the TEMPORARY CONSTRUCTION EASEMENT pursuant to the terms and conditions of this Agreement, including the right to implement and utilize security measures and security personnel (i.e., so-called guard houses) over the TEMPORARY CONSTRUCTION EASEMENT AREA. For the avoidance of doubt, the TEMPORARY CONSTRUCTION EASEMENT and this Agreement are subject to rights-of-way, easements, rights, covenants, mineral reservations and licenses and restrictions of record generally, to zoning ordinances, building and use restrictions and other governmental limitations, to restrictions, not currently of record, which any governmental agency may impose so as to satisfy applicable governmental requirements, to matters which might be disclosed by an accurate inspection or survey of the Grantor's Land.

8. **Claims, Liens and Encumbrances.** Except for claims, liens or encumbrances associated with unpaid water, sewer or drainage charges attributable solely to GRANTOR, GRANTEE shall not permit any claim, lien or other encumbrance to accrue against or attach to the TEMPORARY CONSTRUCTION EASEMENT AREA or any portion of the Grantor's Land.

9. **Remedies.** In the event that a Party shall breach any of its obligations hereunder (the "breaching Party"), the non-breaching Party shall be entitled to all remedies available at law or in equity. In the event of a breach hereunder, then the non-breaching Party, upon ten (10) days' prior written notice to breaching Party, shall have the right to perform such obligations. If the non-breaching Party so performs such obligations, then the non-breaching Party, in addition to being entitled to any other remedies available to it at law or in equity, shall be reimbursed by the breaching Party for any and all expenses and costs incurred by the non-breaching Party within thirty (30) days after receipt of a statement therefor. Thereafter, interest shall accrue upon all unpaid amounts at a rate of five percent (5%) per annum.

10. **Notices.** Any notice required or permitted to be given hereunder or by law shall be in writing, addressed to the Parties at the address(es) recited in this paragraph below and given by one of the following methods: (a) delivery in person; (b) by a reputable prepaid overnight courier (such as UPS or Federal Express); or (c) mailed by certified mail, postage prepaid. All notices, demands and requests shall be duly deemed given (i) when such notice is personally delivered, (ii) on the business day following the day such notice or other communication is sent by overnight courier, or (iii) the third business day following the day such notice or other communication is sent by certified mail. Either Party may change its address by giving written notice thereof to the other Party in the manner provided in this paragraph.

GRANTOR	GRANTEE
FCA US LLC	OAKLAND-MACOMB INTERCEPTOR



1000 Chrysler Drive CIMS 485-12-78 Auburn Hills, MI 48326 Attn: Manager, Corporate Real Estate	DRAIN DRAINAGE DISTRICT Office of the Oakland County Water Resources Commissioner One Public Works Drive Waterford, Michigan 48328-1907
With a copy to:  FCA US LLC 1000 Chrysler Drive CIMS 485-14-78 Auburn Hills, MI 48326-2766 Attn: Counsel, Real Estate, Office of the General Counsel	
With a copy to (as to environmental matters only):  FCA US LLC 800 Chrysler Drive CIMS 482-00-51 Auburn Hills, MI 48326 Attention: Director: Environment, Health and Safety	

11. **Miscellaneous.** The TEMPORARY CONSTRUCTION EASEMENT, covenants and restrictions contained herein shall run with the land so described herein and binds and benefits the Parties' successors and assigns. This Agreement may be amended, modified or terminated at any time by a writing mutually agreed to by each of the parties hereto. This Agreement shall be governed by the laws of the State of Michigan. This instrument contains the entire agreement between the Parties relating to the rights herein granted and the obligations herein assumed. If any provision of this Agreement or its application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this Agreement shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law. This Agreement may be executed in one or more counterparts, which together shall constitute one Agreement.

12. **Due Authorization.** Each of the undersigned signatories warrants that he or she is duly authorized and empowered to execute this Agreement on behalf of the GRANTOR or the GRANTEE, as the case may be, and that the GRANTOR or the GRANTEE, as the case may be, has taken all necessary action to approve the execution of this Agreement.

13. **Exemptions.** This Agreement is exempt from real estate transfer tax pursuant to MCL 207.505(a) and from State real estate transfer tax pursuant to the provisions of MCL 207.526(a).

*(Remainder of this page intentionally left blank)*

IN WITNESS WHEREOF, the GRANTOR and the GRANTEE have each executed this Easement Agreement as of the day and year first above written.

GRANTOR:

FCA US LLC,  
a Delaware limited liability company

By: Gretchen Sonego  
Name: Gretchen Sonego  
Its: Director-Treasury

**ACKNOWLEDGEMENT**

STATE OF MICHIGAN                    )  
  )SS  
COUNTY OF OAKLAND                )

The foregoing instrument was acknowledged before me on Jan 29, 2021,  
by Gretchen Sonego, the Director Treasury  
of FCA US LLC, a Delaware limited liability company, on behalf of said limited liability  
company.

PAMELA MARROCCO  
Notary Public, Oakland County, Michigan  
My Commission Expires June 9, 2026  
Acting in the County of Oakland

Paola Francesco  
Notary Public, Oakland County, Michigan  
Acting in Oakland County, Michigan  
My Commission Expires: June 9, 2026

[Grantee's Signature Follows]

GRANTEE:

OAKLAND-MACOMB INTERCEPTOR  
DRAIN DRAINAGE DISTRICT,  
a Michigan Statutory Corporation

By:

Name:

Its:

Michael R. Greag  
Michael R. Greag  
Chairman

**ACKNOWLEDGEMENT**

STATE OF MICHIGAN                    )  
  )SS  
COUNTY OF OAKLAND                )

The foregoing instrument was acknowledged before me on FEB 2, 2021,  
by MICHAEL R. GREAG, the CHAIRMAN  
OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, a Michigan  
Statutory Corporation, on behalf of said Statutory Corporation.

SCOTT J. RING  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF INGHAM  
MY COMMISSION EXPIRES Nov 24, 2025  
ACTING IN COUNTY OF INGHAM

Notary Public, INGHAM County, Michigan  
Acting in INGHAM County, Michigan  
My Commission Expires: 11/24/25

**This instrument drafted by:**

Jeffrey S. Parrott, Right of Way Supervisor  
Office of the Oakland County Water Resources Commissioner  
Building 95 West  
One Public Works Drive  
Waterford, Michigan 48328-1907

**When recorded, return to:**

Dawn F. Singer  
Dickinson Wright PLLC  
2600 West Big Beaver Road, Suite 300  
Troy, Michigan 48064-3312  
(248) 433-7200

**EXHIBIT "A"**

Legal Description of Grantor's Land  
and  
Legal Description and Depiction of TEMPORARY CONSTRUCTION EASEMENT  
AREA

See attached

4834-4157-7419 v5 [22624-1183]



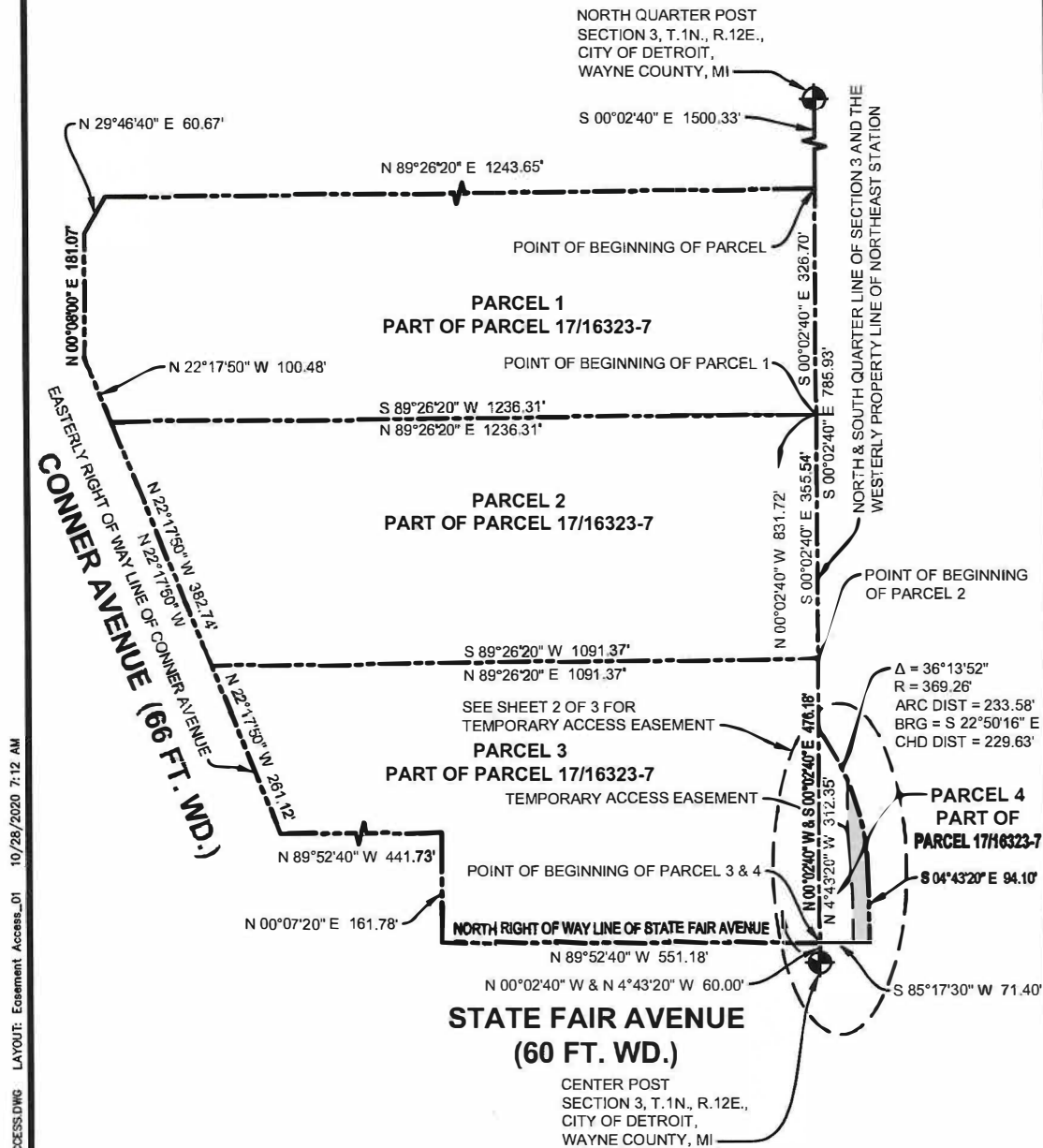
ANDERSON, ECKSTEIN AND  
WESTRICK, INC.

CIVIL ENGINEERS SURVEYORS ARCHITECTS  
51301 Schoenherr Rd Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315 www.aewinc.com

# EASEMENT EXHIBIT "A"



0 100 200 400



DESCRIPTIONS PROVIDED BY  
CLIENT IN COVENANT DEED,  
LIBER 28277, PAGE 081, W.C.R.

SEE SHEET 3 OF 4 & 4 OF 4 FOR LEGAL DESCRIPTIONS

GRANTEE (TO): <u>OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT</u>			PARCEL I.D. NO.:	<u>17/016323-7</u>
ADDRESS: <u>BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE</u>			GRANTOR (FROM):	<u>DAIMLER CHRYSLER</u>
CITY, ST., & ZIP: <u>WATERFORD, MI 48328</u>			ADDRESS:	<u>1000 CHRYSLER DRIVE</u>
			CITY, ST., & ZIP:	<u>AUBURN HILLS, MI 48326</u>
SEC: 3	TWP: DETROIT	COUNTY: WAYNE	AEW NO.:	<u>0211-0200</u>
DRAWN BY: MJS	CHECKED BY: CPA	SCALE: 1" = 200'	EASEMENT NO.:	<u>Easement_Access</u>
SHEET 1 OF 4			CONST. PLAN PAGE NO.:	
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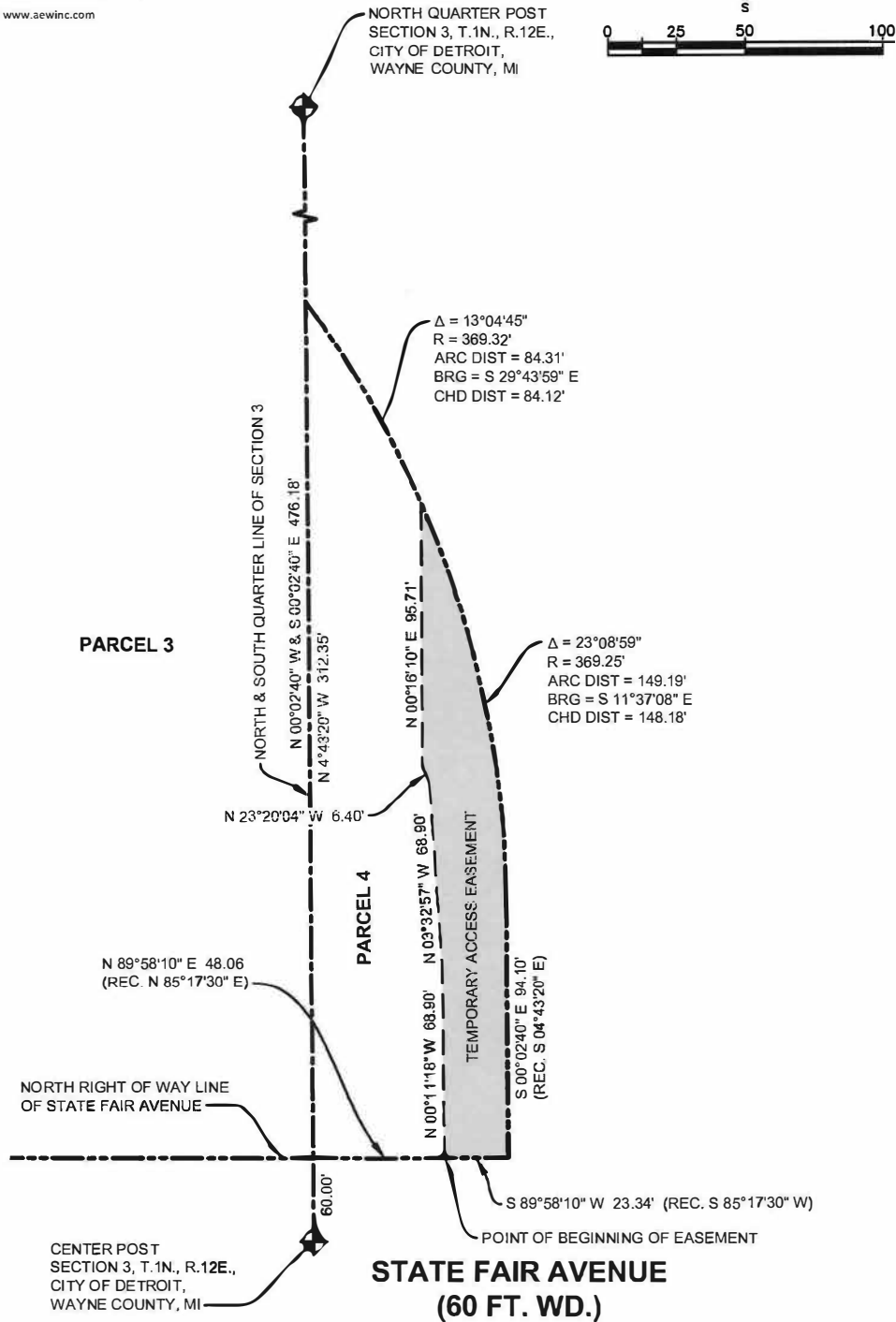
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# EASEMENT EXHIBIT "A"



SEE SHEET 3 OF 4 & 4 OF 4 FOR LEGAL DESCRIPTIONS

GRANTEE (TO): <u>OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT</u>			PARCEL I.D. NO.: <u>17/016323-7</u>	
ADDRESS: <u>BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE</u>			GRANTOR (FROM): <u>DAIMLER CHRYSLER</u>	
CITY, ST., & ZIP: <u>WATERFORD, MI 48328</u>			ADDRESS: <u>1000 CHRYSLER DRIVE</u>	
			CITY, ST., & ZIP: <u>AUBURN HILLS, MI 48326</u>	
SEC: 3	TWP: DETROIT	COUNTY: WAYNE	AEW NO.: 0211-0200	BOOK NO.:
DRAWN BY: MJS	CHECKED BY: CPA	SCALE: 1" = 50'	EASEMENT NO.: Easement_Access	CONST. PLAN PAGE NO.:
SHEET 2 OF 4			TITLE SEARCH:	



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www.aewinc.com

# EASEMENT EXHIBIT "A"

## DESCRIPTION

PARCEL 1:  
PART OF PARCEL 17/16323-7

PART OF THE NORTHWEST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

BEGINNING AT A POINT NORTH 00 DEGREES 02 MINUTES 40 SECONDS WEST 831.72 FEET FROM THE CENTER OF SAID SECTION 3; THENCE SOUTH 89 DEGREES 26 MINUTES 20 SECONDS WEST 1236.31 FEET; THENCE NORTH 22 DEGREES 17 MINUTES 50 SECONDS WEST 100.48 FEET; THENCE NORTH 00 DEGREES 08 MINUTES 00 SECONDS EAST 181.07 FEET; THENCE NORTH 29 DEGREES 46 MINUTES 40 SECONDS EAST 60.67 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 20 SECONDS EAST 1243.65 FEET; THENCE SOUTH 00 DEGREES 02 MINUTES 40 SECONDS EAST 326.70 FEET TO THE POINT OF BEGINNING.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

## DESCRIPTION

PARCEL 2:  
PART OF PARCEL 17/16323-7

PART OF THE NORTHWEST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

BEGINNING AT A POINT IN THE NORTH AND SOUTH QUARTER LINE DISTANT NORTH 00 DEGREES 02 MINUTES 40 SECONDS WEST 476.18 FEET FROM THE CENTER OF SAID SECTION 3; THENCE SOUTH 89 DEGREES 26 MINUTES 20 SECONDS WEST 1091.37 FEET TO THE EAST LINE OF CONNER AVENUE; THENCE NORTH 22 DEGREES 17 MINUTES 50 SECONDS WEST 382.74 FEET ALONG THE EAST LINE OF CONNER AVENUE; THENCE NORTH 89 DEGREES 26 MINUTES 20 SECONDS EAST 1236.31 FEET TO A POINT IN THE NORTH AND SOUTH QUARTER LINE; THENCE SOUTH 00 DEGREES 02 MINUTES 40 SECONDS EAST 355.54 FEET ALONG SAID NORTH AND SOUTH QUARTER LINE TO THE POINT OF BEGINNING.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

## DESCRIPTION

PARCEL 3:  
PART OF PARCEL 17/16323-7

PART OF THE NORTHWEST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

BEGINNING AT A POINT NORTH 0 DEGREES 02 MINUTES 40 SECONDS WEST 60.00 FEET FROM THE CENTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST: THENCE NORTH 89 DEGREES 52 MINUTES 40 SECONDS WEST 551.18 FEET; THENCE NORTH 0 DEGREES 07 MINUTES 20 SECONDS EAST 161.78 FEET; THENCE NORTH 89 DEGREES 52 MINUTES 40 SECONDS WEST 441.73 FEET; THENCE NORTH 22 DEGREES 17 MINUTES 50 SECONDS WEST 261.12 FEET ALONG THE EASTERLY LINE OF CONNER AVENUE; THENCE NORTH 89 DEGREES 26 MINUTES 20 SECONDS EAST 1091.37 FEET; THENCE SOUTH 0 DEGREES 02 MINUTES 40 SECONDS EAST 416.18 FEET TO THE POINT OF BEGINNING.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

## DESCRIPTION

PARCEL 4:  
PART OF PARCEL 17/16323-7

PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

BEGINNING AT A POINT ON THE NORTHERLY LINE OF STATE FAIR AVENUE, 60 FEET WIDE, AS NOW ESTABLISHED, SAID POINT BEING NORTH 4 DEGREES 43 MINUTES 20 SECONDS WEST 60.00 FEET ALONG THE NORTH AND SOUTH QUARTER SECTION LINE FROM THE CENTERPOST OF SAID SECTION 3; THENCE NORTH 4 DEGREES 43 MINUTES 20 SECONDS WEST 312.35 FEET ALONG SAID NORTH AND SOUTH QUARTER SECTION LINE SAID LINE BEING THE WESTERLY PROPERTY LINE OF NORTHEAST STATION; THENCE 233.58 FEET ALONG THE ARC OF A CURVE, CONCAVE TO THE SOUTHWEST, WHOSE CENTRAL ANGLE IS 36 DEGREES 13 MINUTES 52 SECONDS RADIUS 369.26 LONG CHORD BEARING AND DISTANCE SOUTH 22 DEGREES 50 MINUTES 16 SECONDS EAST 229.63 FEET; THENCE SOUTH 4 DEGREES 43 MINUTES 20 SECONDS EAST 94.10 FEET TO A POINT ON THE NORTHERLY LINE OF STATE FAIR AVENUE; THENCE ALONG THE NORTHERLY LINE OF STATE FAIR AVENUE SOUTH 85 DEGREES 17 MINUTES 30 SECONDS WEST 71.40 FEET TO THE POINT OF BEGINNING.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

GRANTEE (TO): OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

ADDRESS: BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE

CITY, ST., & ZIP: WATERFORD, MI 48328

PARCEL I.D. NO.: 17/016323-7

GRANTOR (FROM): DAIMLER CHRYSLER

ADDRESS: 1000 CHRYSLER DRIVE

CITY, ST., & ZIP: AUBURN HILLS, MI 48326

SEC. 3 TWP. DETROIT COUNTY: WAYNE

AEWN Q.: 0211-0200

BOOK NO.:

DRAWN BY: MJS

CHECKED BY: CPA

SCALE: N.T.S.

EASEMENT NO.: Easement\_Access

CONST. PLAN PAGE NO.:

SHEET 3 OF 4

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ANDERSON, ECKSTEIN AND  
WESTRICK, INC.

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51301 Schoenherr Rd Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315  
www.aewinc.com

# EASEMENT EXHIBIT "A"

## DESCRIPTION TEMPORARY ACCESS EASEMENT PART OF PARCEL 17/16323-7

A TEMPORARY ACCESS EASEMENT BEING A PART OF THE NORTHEAST QUARTER OF SECTION 3, TOWN 1 SOUTH, RANGE 12 EAST, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN, BEING DESCRIBED AS:

COMMENCING AT THE CENTERPOST OF SECTION 3; THENCE NORTH 00 DEGREES 02 MINUTES 40 SECONDS EAST (RECORD NORTH 4 DEGREES 43 MINUTES 20 SECONDS WEST) 60.00 FEET ALONG THE NORTH AND SOUTH QUARTER LINE OF SECTION 3 TO THE NORTHERLY RIGHT OF WAY LINE OF STATE FAIR AVENUE (120.00 FEET); THENCE NORTH 89 DEGREES 58 MINUTES 10 SECONDS EAST (RECORD NORTH 85 DEGREES 17 MINUTES 30 SECONDS EAST) 48.06 FEET ALONG THE NORTHERLY RIGHT OF WAY LINE OF STATE FAIR AVENUE TO THE POINT OF BEGINNING; THENCE NORTH 00 DEGREES 11 MINUTES 18 SECONDS WEST 68.90 FEET; THENCE NORTH 03 DEGREES 32 MINUTES 57 SECONDS WEST 68.90 FEET; THENCE NORTH 23 DEGREES 20 MINUTES 04 SECONDS WEST 6.40 FEET; THENCE NORTH 00 DEGREES 16 MINUTES 10 SECONDS EAST 95.71 FEET; THENCE SOUTHERLY ALONG A TANGENT CURVE CONCAVE TO THE WEST, HAVING A CENTRAL ANGLE OF 23 DEGREES 08 MINUTES 59 SECONDS, A RADIUS OF 369.25 FEET, AN ARC LENGTH OF 149.19 FEET, AND WHOSE CHORD BEARS SOUTH 11 DEGREES 37 MINUTES 08 SECONDS EAST 148.18 FEET; THENCE SOUTH 00 DEGREES 02 MINUTES 40 SECONDS EAST (RECORDS SOUTH 04 DEGREES 43 MINUTES 20 SECONDS EAST) 94.10 FEET TO THE NORTHERLY RIGHT OF WAY LINE OF STATE FAIR AVENUE; THENCE SOUTH 89 DEGREES 58 MINUTES 10 SECONDS WEST (RECORD SOUTH 85 DEGREES 17 MINUTES 30 SECONDS WEST) 23.34 FEET ALONG THE NORTHERLY RIGHT OF WAY LINE OF STATE FAIR AVENUE TO THE POINT OF BEGINNING.

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GRANTEE (TO): <u>OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT</u>			PARCEL I.D. NO.: <u>17/016323-7</u>	
ADDRESS: <u>BUILDING 95 WEST, ONE PUBLIC WORKS DRIVE</u>			GRANTOR (FROM): <u>DAIMLER CHRYSLER</u>	
CITY, ST., & ZIP: <u>WATERFORD, MI 48328</u>			ADDRESS: <u>1000 CHRYSLER DRIVE</u>	
			CITY, ST., & ZIP: <u>AUBURN HILLS, MI 48326</u>	
SEC: 3	TWP: DETROIT	COUNTY: WAYNE	AEW NO.: 0211-0200	BOOK NO.:
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SHEET 4 OF 4			TITLE SEARCH:	



## **Agenda Item No. 6**

### **Pump 4 Operational Changes**



## **Oakland-Macomb Interceptor Drain Drainage District**

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

**FROM:** Joel Brown, P.E. Oakland County Water Resources Commissioner's Office  
Steve Rozycki, P.E. Macomb County Public Works Commissioner's Office

**SUBJECT:** NESPS Pump 4 Operational Setting Changes

**DATE:** February 17, 2021

On January 14, 2021 an OMID Flow Control Work Group and GLWA joint operations meeting was held to discuss various flow control topics. One such topic was the alteration of Pump 4 (P4) settings at the Northeast Sewage Pumping Station (NESPS) to allow for more efficient operation of the pump during both "dewatering" and "normal-duty" activities. Currently P4 is set to the following conditions during an "auto mode" which is used to facilitate both dewatering and normal-duty activities.

- Pump On EL 524
- Pump Off EL 519
- Maintain EL 521

For reference, the invert of the OMID is EL 519 and the spring line of the pipe of EL 525. The current issue with this arrangement is two-fold as follows:

1. During "normal-duty" activities in an "auto mode", the pump shuts off at EL 519 and switches to "manual mode". This requires the operator to constantly monitor the pump and revert it back to "auto mode" as necessary to continue the intended activity.
2. During "normal-duty", the ON-OFF and MAINTAIN settings do not allow the ability to maintain proper sewer levels in the interceptor and are not in alignment with the settings of the new pumps scheduled to be installed at the NESPS.

To resolve the above issues, the following was recommended by METCO and ASI at the meeting:

Create a "DEWATER MODE" with the following settings:

- Pump On EL 524
- Pump Off EL 519
- Maintain EL 521
- Revert pump to "manual mode" once pump shuts off at EL 519 until changed by operator.

CREATE A “NORMAL-DUTY MODE” with the following settings:

- Pump On EL 526
- Pump Off EL 523
- Maintain EL 525
- Keep pump in a “NORMAL-DUTY MODE” until changed by operator

The above measures were unanimously approved by the OMIDDD Flow Control Work Group and GLWA at the meeting. It was further agreed to authorized Motor City Electric Technologies to facilitate the changes in collaboration with METCO.

**Requested Action: Receive and File the Pump 4 operational setting changes for record.**

## **Agenda Item No. 7**

### **Change Orders**

## CHANGE ORDER NO. NINE

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

### Authorization for:

- 1.) Furnish and install gasketing material for Hydraulic Power Unit foundation pad; 2.) Construct aggregate surfaced laydown area for Wet Well Cleaning and Permanent Storage use; 3.) Modifications to the proposed Electrical Building foundation resulting from existing Electric Manhole E-9 interference; 4.) Repair deteriorated sections of drainage structure riser on main site entry roadway; 5.) Provide temporary roadway protection for existing GLWA Fiber Optics communications cable 6.) Provide budget for additional annual subscription charges for the "e-Builder" document control system; 7.) Specification Memorandum (Resource Loaded Schedule)

CONST.

MANAGER: **Walsh Construction Co. II, LLC**

Address: 3031 West Grand Blvd., Suite 640  
Detroit, MI 48202

Change Order No. 9 Date: February 12, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
9-1	<p><b>LOCATION:</b></p> <p><i>Northeast Sewage Pumping Station (NESPS), located in the City of Detroit, Wayne County, Michigan .</i></p> <hr/> <p><b>DESCRIPTION (Extra/ Add)</b></p> <p>Furnish and install a neoprene rubber gasket beneath the steel frame and hydraulic oil reservoir for the isolated Hydraulic Power Unit (HPU) that provides hydraulic power to the actuators ( gate opening devices) for the proposed 84" dia. Knife Gate Valves (Sewage Pumps 1,2,3,5, and 6).</p>	1	LS	\$1,625.38	\$1,625.38	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 9**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>REASON:</u></b></p> <p>The HPU is a pre-fabricated assembly that is permanently mounted on an elevated concrete "Housekeeping Pad" within a steel perimeter frame. Upon installation, it became apparent that an opportunity existed to provide a gasketed oil containment that could control routine minor leakage of hydraulic oil with the structural frame, and thereby improve equipment maintenance/ housekeeping tasks, while eliminating potential safety hazards resulting from oil leakage or spills on adjacent floor areas.</p> <p>Attachment: Walsh Construction Cost Summary w/ documentation</p>					
9-2	<p><b><u>DESCRIPTION (Extra/Add):</u></b></p> <p>Furnish and place additional aggregate material (including geo-textile reinforcing fabric) to construct an improved and enlarged work area to support NESP Wet Well Cleaning operations by specialty Contractor Doetsch Environmental Services and also provide an additional permanent laydown area.</p> <p>.</p> <p><b><u>REASON:</u></b></p> <p>The accumulation of debris and accumulated trash on the Wet Well Bar Screens and sump areas had reached an elevated condition where performance of the main Sewage Pumps was severely affected. This required mobilization of Doetsch Environmental to perform the cleaning of this critical area of the NESPS. The NESPS site has undergone numerous changes since the previous Wet Well cleaning in 2018 that have inhibited the available working room for the extensive complement of heavy Doetsch equipment necessary for this (minimum) one month long cleaning operation.</p> <p>In order to facilitate this operation, an improved laydown area was constructed that utilized crushed re-cycled concrete aggregate surface overlying a geo-textile reinforcing mat. It was also recognized that this improvement would not only provide the necessary work area for the current cleaning operation, but additionally would be available for future similar cleaning operations as well as general NESPS parking and storage needs. The improvement was, therefore, constructed in a robust manner with these considerations in place.</p> <p>Attachment: Walsh Construction Cost Summary w/ documentation</p>	1	LS	\$32,766.64	\$32,766.64	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 9**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
9-3	<p><b><u>DESCRIPTION (Change/Add):</u></b></p> <p>Provide modifications to the proposed Electrical Building (the "Building") foundation wall and footing details to resolve the encroachment of existing Electrical Manhole E-9 into the building structure.</p> <p><b><u>REASON:</u></b></p> <p>Upon excavation for the proposed Building, existing manhole E-9 was fully exposed revealing an enlarged vault size, an expanded base slab "footprint", the existence of other underground electrical lines, and overall reduced work space availability that significantly impacted the construction of the proposed Building.</p> <p>Changes to the Work included revisions to the Building foundation wall and footing details, revisions to the foundation perimeter drain tile routing, and revisions to the existing 24 kv electrical conduit entry into the Building basement area. In addition, expanded pre-construction survey was performed using both electronic techniques and soft-dig "Pot-Holing" to verify the exact location and status of previously undisclosed underground utilities.</p> <p>Attachment: Walsh Construction Cost summary with documentation</p>	1	LS	\$56,458.87	\$56,458.87	-0-
9-4	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Furnish labor and material to repair a deteriorated riser section of an existing storm drainage structure (catch basin) on the main NESPS site entrance roadway.</p> <p><b><u>REASON:</u></b></p> <p>Road improvement to the main north-south site entrance roadway revealed the severely deteriorated condition of portions of an existing catch basin. As the structure is intended for continuing future use and the distressed condition imposed potential hazards to on-going construction traffic, the structure was fully exposed, deteriorated portions removed, and permanent repairs made to restore the permanence of the installation.</p> <p>Attachment: Walsh Construction Cost Summary with documentation.</p>	1	LS	\$1,637.01	\$1,637.01	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 9**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
9-5	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide labor, equipment, and materials appropriate to investigate and protect a previously undisclosed GLWA Fiber Optics communications conduit and handhole installation adjacent to the proposed Electrical Building.</p> <p><b><u>REASON:</u></b></p> <p>Grading work for site roadway development revealed the presence of an unmarked and previously unknown shallow underground fiber optics communications cable crossing through the active construction site traffic area. Upon determining the line was indeed active and consisted of a highly sensitive GLWA Fiber Optics cable extending to the NE Water Treatment Plant, immediate steps were taken to protect the line from construction traffic impacts until permanent relocation or enhanced protective measures could be provided.</p> <p>The Contractor provided steel road plates (8'x20'x1") and MDOT-approved precast concrete traffic barriers to appropriately direct construction traffic and "bridge" over the shallow-cover conduit. In addition, recycled concrete was provided to construct additional protective surfacing over the conduits.</p> <p><i>(Note: These versatile, reusable items (concrete barrier sections and road plates) will become the property of the OMID DD following this temporary need, and will be inventoried for future use at the NESPS Equipment Storage Frame location).</i></p> <p>Attachment: Walsh Construction Cost Summary with documentation.</p>	1	LS	\$42,232.32	\$42,232.32	-0-
9-6	<p><b><u>DESCRIPTION (Extra/ Add)</u></b></p> <p>Provide a budget increase for the annual subscription renewal charge for the "e-Builder" Document Management System</p> <p><b><u>REASON:</u></b></p> <p>The e-Builder software program was initiated in February 27,2021 with the second annual installment for the period 2/28/21 through 2/27/22 now due.</p>	1	LS	\$45,384.91	\$45,384.91	-0-



**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 9**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p>The initial 2020 payment to e-Builder results in an additional balance due of \$1,029.17 for the upcoming year. <i>(The year Three future payment will be rendered when due.)</i></p> <p>The summary of the e-Builder contract is as follows:</p> <p>Initial Term, Year One \$103,207.00</p> <p>Annual Subscription, year Two (2021)      \$41,888.00 Annual Subscription, year Three (2022)      \$41,888.00</p> <p>Amount due for year Two      \$ 41,288.00 Amount due for year Three (Pay when due)      \$ 41,888.00 Remaining Avail. funding, Year 1      \$ 40,858.83 Balance due, this year ( 2021)      \$ 1,029.17</p> <p>Total value, this C.O. Item (Year 2 balance Plus year Three):      \$42,917.17 CMAR Fee (5.75%)      2,467.74 Total      = \$45,384.91</p> <p>Attachment: Walsh Construction Cost Summary with documentation</p>					
9-7	<p><b><u>DESCRIPTION (Progress Schedule Development; No Cost, No Time Change):</u></b></p> <p>The Project Owner and "The Construction Manager at Risk (CMAR)" have jointly discussed the potential value of developing a Construction "Resource-Loaded Schedule". This enhancement will include supplemental information on each of the schedule activities (where appropriate) describing the anticipated work force "man-hours" necessary to complete the activity, and subsequently compare the workforce expenditure to the level of progress as the Work continues.</p> <p>The purpose of this exercise is to provide information to the CMAR for use in evaluating workforce needs in advance of the activity and identify potential opportunities to "level" such needs and mitigate escalated work force demand conditions.</p> <p>In addition, the Resource Loading information will provide a generalized view of the workforce effort established by the various subcontractor trades and identify areas for the CMAR where additional emphasis should be considered.</p>	NA	NA	NA	NA	NA

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 9**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p>This Progress Schedule supplement will be developed jointly by the CMAR in concert with the Owner's Scheduling Consultant (Project Management Associates), with updates provided on a pre-determined frequency, and also with significant changes to the Project Cost or Times.</p> <p><b><u>REASON:</u></b></p> <p>A continuing review of the Progress Schedule is regularly performed with an emphasis on identifying activity durations, time and efficiency improvements, and opportunities in general that may assist in maintaining, or bettering, the progress of the Work. The concept of a Resource Loaded Schedule procedure was considered as a valuable "tool" for work progress monitoring, and accordingly, was adopted as noted by the Project Participants.</p> <p>This procedure is included as a Change Order item to memorialize this agreement.</p> <p align="center">*****</p>					
					Amount Increase	Amount Decrease
				Totals	\$180,105.13	-0-
				Net Changes (Increase)	\$180,105.13	-0-

**END OF CHANGE ORDER NO. NINE, ITEMIZED DESCRIPTIONS**

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 9

Prepared By:

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

Date:

2-11-21

Recommended By:

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

Date:

Approved By:

Joel Brown, P.E.  
Project Manager, WRC

Date:

Approved By:

Stephen Downing  
Construction and Maintenance Manager, Macomb County Public Works

Date:

Approved By:

Sid Lockhart, P.E.  
Manager of Special Projects, WRC

Date:

Approved by:

Steve Korth, P.E.  
Manager, WRC

Date:

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

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

Accepted by:

Title

Date

of: Walsh Construction Co. II, 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. 9 was approved by the Drainage Board on:

Date:

**CHANGE ORDER NO. 3**

**Oakland-Macomb Interceptor Drain Drainage District Board**  
**For Construction of the OMID Immediate Repairs**  
**Various Locations in Macomb County, MI**

## Authorization for Extras To &amp; Changes In Contract

Department No.: 6010101

Account No. : 731472

Fund No.: 84917

Program No. : 149015

Project No.: 1-3015

Project Activity: FAC

## Contractor:

Doetsch Industrial Services, Inc.

21221 Mullin

Warren, MI 48089

Contract No. : 5928

Date of Contract: 1/8/2020

Completion Date: 7/24/2020

Extended to: 5/5/2021

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-A	<b>LOCATION:</b> OMID System - PCI-9, 10A/B, 11A					
3-A	<b>DESCRIPTION:</b> Deduct Balance of Pay Item No. 16 - Sealing of leaks in manholes (PCI-9, 10A/B, & 11A)	GAL	-35.0	\$500.00	---	\$17,500.00
3-A	<b>REASON:</b> A material substitution request was made by Doetsch to switch from project specified urethane chemical grout to acrylamide chemical grout. Based on material properties and past experience, acrylamide is less viscous and has a more adjustable gel time to allow for increased grout travel between leak locations and more efficiently seal multiple leak locations using less injection locations. With a cheaper per gallon cost, more acrylamide grout can be placed to seal more leak locations than with urethane grout.					


Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-B	<b>LOCATION:</b> OMID System - PCI-9, 10A/B, 11A  <b>DESCRIPTION:</b> Deduct Balance of Pay Item No. 17 - Sealing of leaks in manholes (PCI-9, 10A/B, & 11A)  <b>REASON:</b> A material substitution request was made by Doetsch to switch from project specified urethane chemical grout to acrylamide chemical grout. Based on material properties and past experience, acrylamide is less viscous and has a more adjustable gel time to allow for increased grout travel between leak locations and more efficiently seal multiple leak locations using less injection locations. With a cheaper per gallon cost, more acrylamide grout can be placed to seal more leak locations than with urethane grout.	GAL	-320.0	\$500.00	---	\$160,000.00
3-C	<b>LOCATION:</b> OMID System - PCI-9, 10A/B, 11A  <b>DESCRIPTION:</b> Add Pay Item 16A - Sealing of leaks in manholes, acrylamide (PCI-9, 10A/B, & 11A)  <b>REASON:</b> Establish new estimated pay item quantity for leak sealing in the manholes to reflect the chemical grout material change from urethane grout to acrylamide grout. See Work Direct No. 2 for quantity estimation basis.	GAL	2000.0	\$20.00	\$40,000.00	---

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-D	<b>LOCATION:</b> OMID System - PCI-9, 10A/B, 11A  <b>DESCRIPTION:</b> Add Pay Item 16A - Sealing of leaks in manholes, acrylamide (PCI-9, 10A/B, & 11A)  <b>REASON:</b> Establish new estimated pay item quantity for leak sealing in the interceptor to reflect the chemical grout material change from urethane grout to acrylamide grout. See Work Direct No. 2 for quantity estimation basis.	GAL	4800.0	\$20.00	\$96,000.00	---
3-D	<b>LOCATION:</b> OMID & MID System OA-MH-21+47; OA-MH-8-108; GI-MH-021; GI-MH-007; RA-MH-017; RA-MH-015; RA-MH-10; RA-MH-002; ECI-MH-7-109; Red Run Shaft; ECI-MH-7-107A  <b>DESCRIPTION:</b> Removal of manhole steps and platforms as part of Emergency Bypass Pumping Contingency Plan. The aforementioned manhole locations would be used to bypass flow in case of an failure in the system.  <b>REASON:</b> The aforementioned manholes will be used as emergency bypass pumping locations, if needed. Removal of the steps and platforms will allow for more room in the manhole riser section and easier installation of bypass pumping equipment into the manhole riser section.	LS	1.0	\$28,600.00	\$28,600.00	---
				Totals	\$164,600.00	\$177,500.00
				Net Decrease	---	\$12,900.00

**CHANGE ORDER NO. 3**

**Oakland-Macomb Interceptor Drain Drainage District Board**  
**For Construction of the OMID Immediate Repairs**  
**Various Locations in Macomb County, MI**


Prepared by: Evangelos Bantios Date: 2/4/2021  
Evangelos Bantios, P.E. - WRC Civil Engineer III

Recommended by:  Date: 2/4/2021  
Joel Schanne, P.E. - NTH Consultants, Ltd.

Approved by: Stephen Downing Date: 2/5/2021  
Stephen Downing - Const. & Maint. Manager, MCOPWC

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

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

Accepted by:  Date: 02/04/21  
Joseph Schotthoeffer, IV - Vice President  
Doetsch Industrial Services, Inc.

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Steven Korth, P.E. - WRC Manager

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. 3 was approved by the Drain board on:

**CHANGE ORDER NO. Nine; Control Structure 9- C.O. 1**  
**Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)**  
**OMID PCI-5 Interceptor**  
**For Construction of the Control Structure 9 (CS-9) Gate Installation**  
**Located in the City of Warren, Macomb County, Michigan**

**Authorization for:**

- 1.) Temporary Sidewalk for Pedestrian Safety
- 2.) Additional Installation costs for site Soil Erosion Control measures

CONST.

MANAGER:

**Walsh Construction Co. II, LLC**

Address:

3031 West Grand Blvd., Suite 640

Detroit, MI 48202

Date: February 12, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>LOCATION:</u></b></p> <p>CS-9 is located in the ITC Corridor, north of Ten Mile Rd. in the City of Warren, Macomb County, MI.</p> <p><b><i>Commentary on Change Order Identification:</i></b></p> <p>While part of the overall Construction Manager at Risk agreement for the "Northeast Sewage Pumping Station, Pump &amp; Electrical Upgrades Project", changes to the Contract Cost and/ or Times specifically involving Control Structure 9 (CS-9) will typically be identified in this supplemental Change Order documentation.</p> <p>Procedurally, the CS-9 changes will be included in a "Change Order Appendage" to the main NESPS Pump &amp; Electrical Upgrades Project Change Orders and will be identified accordingly.</p> <p>The reason for this change identification is primarily for purposes of accounting and payment application clarity.</p>					
CS9 9-1	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Construct a temporary concrete sidewalk with adjacent aggregate "shoulders" at the Ten Mile Rd. site entrance to the CS-9 job site.</p>	1	LS	\$3,212.07	\$3,212.07	-0-



**OMID DD Control Structure 9 Gate Installation; C.O. # 1**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
CS9 9-2	<p><b><u>REASON:</u></b></p> <p>The construction entrance to the CS-9 site required the removal of existing sidewalk and the construction of an aggregate surfaced temporary roadway. While functional for construction efforts, this detail resulted in a portion of the Ten Mile Rd. sidewalk to be removed, thereby creating a pedestrian path observed to be potentially unsafe for the routine active pedestrian traffic as well as impacting snow removal activities. In addition, the project site will remain dormant until Spring, 2021 (while awaiting Bulkhead gate manufacture) and will be absent normal maintenance oversight by the Contractor.</p> <p>These conditions necessitated installation of a concrete sidewalk replacement segment with adjacent transition grading that will provide for normal safe pedestrian passage. Permanent restoration will proceed at the conclusion of the project.</p> <p>Attachment: Walsh Construction Cost Summary</p>					
	<p><b><u>DESCRIPTION (Change/ Add):</u></b></p> <p>Provide compensation for additional efforts required by the Contractor to install site perimeter soil erosion control barriers (Silt fence).</p> <p><b><u>REASON:</u></b></p> <p>Installation of the contract required site perimeter "silt fence" typically involves the use of a pre-manufactured geotextile screen inserted in a shallow trench and secured with wood stakes driven into position. The surficial soil conditions at the CS-9 site were not fully discernable by casual observation but included remnants of coarse aggregate remaining from previous OMID construction projects.</p> <p>This condition required additional effort to prepare the shallow silt fence "toe-in trench" and also required the Contractor to procure and drive steel pins in lieu of the normal wood stakes which would not penetrate the aggregate base material.</p> <p>The Engineer observed the additional effort required to overcome these problems and agreed with the Contractor's request for limited additional compensation.</p>	1	LS	\$4,717.09	\$4,717.09	-0-

**OMID DD Control Structure 9 Gate Installation; C.O. # 1**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	Attachment: Walsh Cost Summary Documentation  End of Change Order Nine, Control Structure 9 <i>Supplementary C.O. CS 9, No. One</i>					
					Amount Increase	Amount Decrease
				Totals	\$7,929.16	-0-
				Net Changes	\$7,929.16	-0-

**END OF CHANGE ORDER NO. NINE, CS9 – ONE , ITEMIZED DESCRIPTIONS**

OMID DD Control Structure 9 Gate Installation; C.O. # 1

Prepared By:

Lawrence T. Gilbert, P.E.

NTH Consultants, Ltd.

Date:

2-12-21

Recommended By:

Saju Sachidanandan, P.E.

Engineer of Design, NTH Consultants, Ltd.

Date:

Approved By:

Joel Brown, P.E.

Project Manager, WRC

Date:

Approved By:

Stephen Downing

Construction and Maintenance Manager, Macomb County Public Works

Date:

Approved By:

Sid Lockhart, P.E.

Manager of Special Projects, WRC

Date:

Approved by:

Steve Korth, P.E.

Manager, WRC

Date:

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

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

Accepted by:

Title

Date

of:

Walsh Construction Co. II, 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.

CS9

# 1

was approved by the Drainage Board on:

Date:

## **Agenda Item No. 8**

### 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. Four**  
**Page One of Two**

**Jan. 01, 2021 through Jan. 31, 2021**

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		Final Completion Date: July 28, 2023
Detroit, MI 48202	Contract No. 5977	

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)
Unused Pre-Construction Phase Budget	(\$70,196.70)
CS-9 Budget from GMP	(\$3,251,117.72)
<b>NESPS Pump &amp; Elec. Upgrades Original Contract Budget</b>	<b>\$39,612,067.46</b>
Change Orders, This Estimate: (C.O. # 8 )	\$26,979.34
Previous Change Orders: (C.O. # 7 )	\$94,121.64
Unused Pre-Construction Phase Budget	\$70,196.70
Adjusted Construction Contract Amount:	<u>\$39,803,365.14</u> ✓
Sub-Total To Date: (CS-9 Costs are Not included on this Estimate)	\$4,771,647.73
Less Deductions:	None
Gross Estimate: (Work in Place)                      10.4 % Complete	\$4,771,647.73
Less Amount Reserved (10%)	\$477,164.77
Total Amount Allowed To Date:	\$4,294,482.96
Less Previous Estimates:(\$3,758,216.76 +\$4,725.00 = \$3,762,941.76)	\$3,762,941.76
Current Payment Due	\$531,541.20
Reserve Payment to Contractor: None	\$0.00
Balance to Finish: \$35,031,717.41	Accounting Auditor:
Amount To Be Reserved (From Above)	<u>\$477,164.77</u>
Less Previous Transfers To Reserve (N/I C-9 Reserve)	\$417,579.64
Amount of Current Transfer	<u>\$59,585.13</u>

**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. Four**  
**Page Two of Two**

**Jan 01, 2021 through Jan. 31, 2021**

Prepared by: 

Date: 1-11-21

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

Recommended by: \_\_\_\_\_

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

John Michalski, P.E., ASI

Recommended by: \_\_\_\_\_

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

Joel Brown, P.E. Oakland County WRC

Recommended by: \_\_\_\_\_

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

Stephen Downing; Macomb County OPWC

Approved for Payment by: \_\_\_\_\_

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

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

**Regular Construction Estimate No. Four**

**Approved By Board On: \_\_\_\_\_**

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the Control Structure 9 Gate Installation**  
**Located in the City of Warren, Macomb County, Michigan**  
**Page One of One**

**Regular Construction Estimate No. 2 (CS-9 Gate Installation)**

Jan. 01, 2021 through Jan. 31, 2021

Department No.: 6010101  
Fund No.: 84917  
Project No.: 1-3308

Account No.: 730352  
Program No.: 149015  
Activity: FAC

Construction Manager at Risk,  
Walsh Construction Co.  
3031 West Grand Boulevard, Suite 640  
Detroit, MI 48202

Vendor # 23191

LI 43331; exp. 12/16/22

Date of Contract: Dec. 16, 2019

Final Completion Date: July 28, 2023

Contract No. 5977

Original Construction Contract Amount: ( CS-9 Gate Gate Installation)	\$3,251,117.72
Previous Change Orders: None	\$0.00
Change Orders This Estimate: None	\$0.00
Total Net Change Orders:	\$0.00
Adjusted Construction Contract Amount:	\$3,251,117.72
Sub-Total To Date: (CS-9 Charges only are included on this Estimate)	\$378,651.37
Less Deductions:	None
Gross Estimate: (Work in Place) 11.6 % Complete	\$378,651.37
Less Amount Reserved (10%)	\$37,865.14
Total Amount Allowed To Date:	\$340,786.23
Less Previous Estimates:	\$282,001.83
Net Payment Request To Be Paid To Contractor:	\$58,784.40
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$ 2,872,466.35	Accounting Auditor:
Amount to be Reserved from above	\$37,865.14
Less Previous Transfers To Reserve:	\$31,858.54
Amount of Current Transfer	\$6,006.60

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

Date: 6-11-21

Recommended by:  
Saju Sachidanandan, P.E.; NTH Consultants, LI \_\_\_\_\_

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

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

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

Recommended by: \_\_\_\_\_  
Stephen Downing; Macomb County OPWC

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

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

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

CS-9 Regular Construction Estimate No. 2

Approved By Board On: \_\_\_\_\_

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

Regular Construction Estimate No. 4

October 31, 2020 to January 19, 2021

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

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

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

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

Original Contract Amount: \$262,838.00

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

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$262,838.00 ✓

Sub-Total To Date: (Sheet 3 of 3 Column 7) \$262,838.00

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

Gross Estimate: (Work in Place) 100.00% \$262,838.00

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

Total Amount Allowed To Date: \$249,696.10

Less Previous Estimates: \$244,530.60 ✓

Net Payment Request To Be Paid To Contractor: \$5,165.50 ✓

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ ✓ - Accounting Auditor: *jlb* 2/4/20

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

Less Previous Transfers To Reserve: \$13,141.90 ✓

Amount of Current Transfer: \$0.00

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

Date: 2/4/21

Recommended by: *Terry Moore*  
Terry Moore, METCO- Consulting Engineer

Date: 2-4-21

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

Date: 2/8/2021

Approved For Payment: *Sid Lockhart*  
Sid Lockhart, P.E. - Special Projects Manager, OCWRC

Date: 2/8/2021

Regular Construction Estimate No. 4

Approved By Board On: \_\_\_\_\_



**OAKLAND COUNTY INTERCEPTOR DRAIN DRAINAGE BOARD**  
**OMID Localized Rehabilitation & Spot Repairs PCI-5, 6, 7, 8, 9, 10A/B & 11A**  
**Various Cities throughout Macomb County, Michigan**

Regular Construction Estimate No. 1

October 15, 2020 to January 23, 2021

Department No.:	6010101	Account No.:	730373
Fund No.:	82912	Program No.:	149662
Project No.:	1-3015	Activity:	FAC

Contractor:  
 Doetsch Environmental Services  
 21221 Mullin Ave  
 Warren, MI 48089

Contract No. : 5928  
 Date of Contract: January 8, 2020  
 Completion Date: July 24, 2020  
 Extended to: May 5, 2021

Original Contract Amount:		\$1,352,801.00
Previous Change Order:		\$0.00
Change Orders This Estimate:	C.O. # 1 & C.O. # 2	\$249,165.00
Total Net Change Orders:		\$249,165.00
Adjusted Contract Amount:		\$1,601,966.00 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$325,909.80
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	20.34%	\$325,909.80
Less Amount Reserved: (10% of Gross Estimate)		\$32,590.98 ✓
Total Amount Allowed To Date:		\$293,318.82
Less Previous Estimates:		\$0.00
Net Payment Request To Be Paid To Contractor:		\$293,318.82 ✓
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	✓ \$1,276,056.20	Accounting Auditor: <i>jlb</i> 2/2/21
Amount To Be Reserved (From Above)		\$32,590.98
Less Previous Transfers To Reserve:		\$0.00
Amount of Current Transfer:		\$32,590.98

Prepared by: *Evangelos Bantios*  
 Evangelos Bantios, P.E. - OCWRC

Date: 2-2-2021

Recommended by: *Joel Schanne*  
 Joel Schanne, P.E. - NTH Consultants, Ltd.

Date: 2/3/2021

Recommended by: *Stephen Downing*  
 Stephen Downing - Const. & Maint. Manager, MCOPWC

Date: 2/4/21

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

Date: 2/4/2021

**Agenda Item No. 9**

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

# Oakland Macomb Interceptor Drain (OMID) Repairs

## Project Progress Update

Prepared by:

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

## February 17, 2021 OMIDDD Board Meeting

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The following provides a status update as of the writing of this report (February 10, 2021) 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 (No Contract Number) – Ongoing:

Engineering Consultant: Jacobs Engineering

#### Project Budget Summary (including EWO No. 2):

- |  |               |
|--|---------------|
| • Adjusted Project Budget (including Fan Testing Allowance of \$60,000): | \$531,447.00  |
| • Total Spent (through Jan. 2021):                                       | \$518,222,.47 |
| • Remaining Budget (through Jan. 2021):                                  | \$13,224.53   |

#### Milestone Schedule Summary:

- Completed additional analyses and other work elements requested in EWO No. 2.
- Finalizing study report, including additional requested analyses; see below, pending findings at ST-S-3 metering site. Final report expected in February 2021.

#### Status of Major Project Tasks:

- Finalized WATS state-of-the-art sewer process model to reflect future lining and flow control operating conditions, including storage/release sequences for selected OMID repair reaches.
- Finalized the conceptual design of permanent vapor-phase and possible temporary liquid-phase odor/corrosion control alternatives.
- Updated study report based on results from separate fan test at ST-S-3. Vapor-phase control facility will be 14,000-cfm. Layout and planning-level opinion of costs for both capital cost and life cycle costs were prepared.
- Scheduled meeting with both counties to review findings and recommendations. Final study report to be issued thereafter.

## February 17, 2021 OMIDDD Board Meeting

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### SRF Segment 2 Status:

#### Contract 3 (Base Contract) – Complete, Closeout Pending

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

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

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

East side Tnemec repairs are complete; west side repairs remain delayed as a result of various repairs and other work that has been ongoing. Efforts are in place to schedule this remaining work following completion of current wet well cleaning work.

### SRF Segment 3 Status:

#### Contract 4: Complete

### SRF Segment 4 Status:

#### Contract 5A/5B – Complete

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

#### Contract 6 – Complete

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

## February 17, 2021 OMIDDD Board Meeting

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

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

**Prime Construction Contractor:** CSM Mechanical, LLC

#### Project Budget Summary:

- |   |                  |
|---|------------------|
| • BioAir Solutions, LLC for Bio-Trickling Filter (BTF) Fabrication:           | \$816,570.00     |
| • CSM Mechanical, LLC (Original Contract Value):                              | \$3,783,390.00   |
| • CSM Mechanical, LLC (Adjusted Contract Value w/ CO No. 1 through CO No. 9): | \$4,192,686.74   |
| • CSM Total Earned, Less Retainage, through 12/31/2020 (Pay App No.16):       | \$4,145,042.00   |
|   | (99.7% Complete) |
| • CSM Balance to Finish w/ Retainage (PA No. 16, work through 12/31/2020):    | \$47,644.74      |
| • Jacobs Budget (Design and CA/RPR, per EWO No. 3):                           | \$1,272,470.46   |
| • Remaining Jacobs Budget (through Jan. 2021):                                | \$116,981.15     |

#### Milestone Schedule Summary:

- Notice-to-Proceed letter to CSM dated August 1, 2019.
- Interim Substantial Completion, per Contract Amendment, was April 18, 2020, with Final Completion of August 28, 2020. The actual Final Completion date was delayed due to COVID-19 issues and the addition of extra work items commencing late in the project but has been achieved as of December 23, 2020.

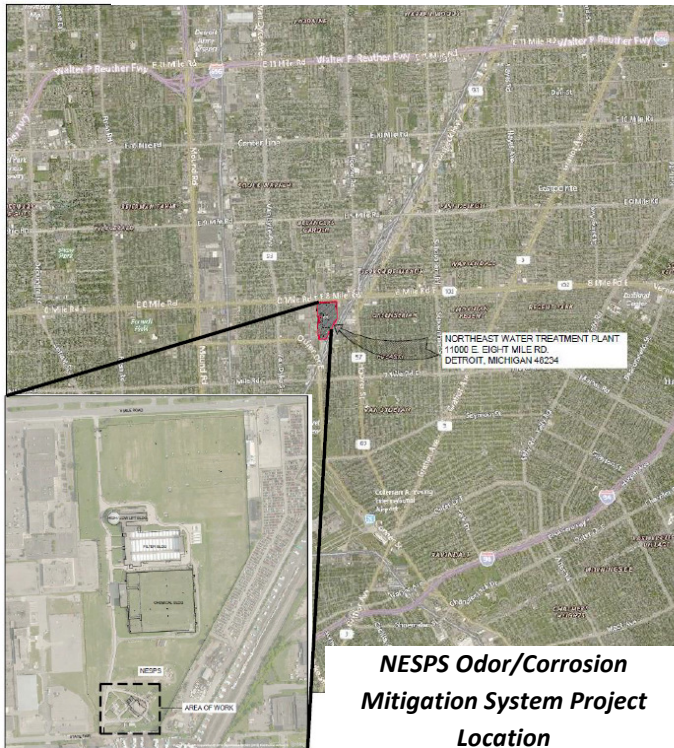
#### Status of Major Project Tasks:

- All major work is complete, punch list items complete, and the system is performing as anticipated, with the exception of a supply fan electrical issue being addressed under warranty.
- BTF Acclimation, Start-up and Testing is complete with the facility in normal operating mode.
- The majority of contract close-out documentation has been provided by CSM Mechanical; however, the final pay application and associated documentation remains outstanding.
- Minor revisions are in progress to the MSA Air Monitoring Instrumentation system to eliminate the accumulation of condensate water from the system and avoid out of service issues and unnecessary maintenance tasks.
- Final aggregate base and concrete paving work will be deleted from the odor/corrosion control project in the final balancing change order and added to the upcoming Pump and Electrical rehabilitation project.

# February 17, 2021 OMIDDD Board Meeting



*Biotrickling filter in full operational mode*





## February 17, 2021 OMIDDD Board Meeting

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### NESPS & OMID Maintenance & Repairs Status:

**Amt Invoiced:** \$199,701 thru January out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing flow control, maintenance, and coordination.

**Schedule Status:** Ongoing

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

- Drawings for modifications to accommodate upstream emergency pumping are complete; contractor selected and constructing pre-cast items; field work expected to begin week of 2/15/21.
- Plan to energize OMID Pump 4 in event of total power loss is complete; A demonstration of the portable generator was completed previously and start of work is pending.
- CSM (on site for other work) will provide subcontract services to construct a small concrete pad that will support electrical equipment for the Sewage Pump # 4 Emergency use procedure.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations has been reviewed by technical team; awaiting completion of manhole and electrical modifications to finalize the document.

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

- Wet well cleaning in week #3. OMID/MID daily flow control coordination and support ongoing. Roughly 40cu/yds of material removed from the south well. Work likely to continue through February, as significant ragging (barscreens) and ragging within sediment accumulations are of issue. Specifically observations of the work in progress suggest a much higher accumulation of tough, stringy non-degradable textile materials than in previous cleaning operations, and have resulted in a more difficult and time-consuming removal operation.
- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without any problem.

**Overall Station Performance Report:**

- Sanitary Pumps #1, #2, #4, #5, and #6 are available for duty. (640 CFS Capacity).
- Coordination between GLWA, MID, NESPS, Pump/Electrical Upgrade Project has not affected station operations nor hindered performance or abilities to meet demands.
- Sanitary Pump #5 damaged lower pump bearing refurbished and re-inventoried as spare.
- January monthly pump mechanical preventative maintenance completed.
- Service Elevator rehabilitation complete. 30-90 day temporary permit granted as punch list items are worked out.
- Wet Well Dewatering Pump has been restored and was returned and installed on Tuesday, December 16<sup>th</sup>, with full operational status confirmed.
- 25 Ton Crane Modernization (Controls Upgrade) Inspection completed Dec 10<sup>th</sup> Report on file. Several issues related to recommended crane rail alignment and rail support

## February 17, 2021 OMIDDD Board Meeting

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- adjustments were outlined, and action plan for maintenance is being developed.
- Stand-by Generator Programmable Logic Controller (PLC) upgrade complete.
- Knox Box emergency entry safety equipment received and ready for installation. (Detroit Fire Department approved and regulated).
- NEXGEN asset management project progressing well. Asset inventory and data collection progressing well.
- No odor complaints received since Oct 8<sup>th</sup> 2020.
- Bio Filter performance normal. Daily readings taken and recorded. Weekly data spreadsheet forwarded to Bio Air for review and discussion.
- Bio Filter Supply Fan #1 experienced a warranty related issue. Device removed and sent out for repair under warranty.
- Nuisance station supply heat outages under investigation with our HVAC contractor. Currently poses no immediate threat.
- Overall General Housekeeping tasks in order.

### **Control Structures Performance Report:**

- Daily flow control operations support MID/OMID/GLWA repair and improvement projects. All LOTO protocols implemented. No issues to report.
- CS-5, CS-6, CS-7, and CS-8 in stand-by mode and ready for service.
- System-wide communications are good.
- Routine daily rounds and inspection made no other maintenance issues to report at this time.



*Wet Well cleaning in progress*



## February 17, 2021 OMIDDD Board Meeting

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### OMID Control Structure Upgrades Status:

**Amt Invoiced:** \$69,772 Engineering services to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

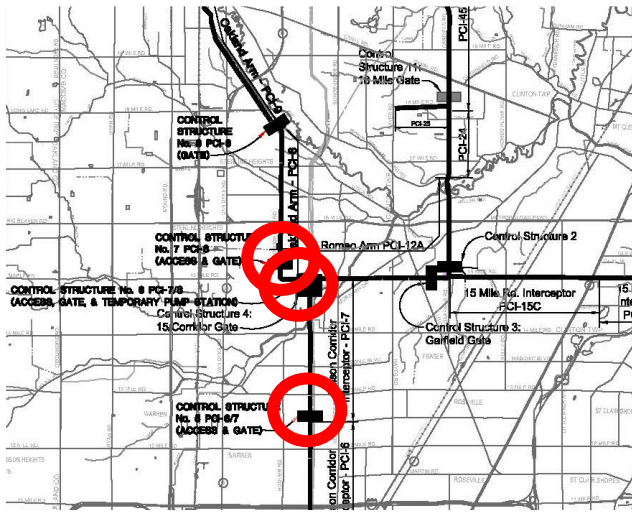
**Schedule Status:** Construction of cover mods substantially complete 8/14/20

- Hatch and Access improvements complete, including punch list items. As-built drawings for controls structure access improvements have been completed. CSM Contract closed-out.
- CS-5, CS-6, CS-7, and CS-8 mechanical repairs have been completed by HESCO and control structures are in stand-by mode, ready for service.
- Critical spare parts for Control Structure mechanical components and long lead items are a subject of concern. HESCO has developed an inventory list, and is evaluating long term operability, to estimate future life and predict schedule for potential future upgrades.
- There are currently no issues with system-wide communications after recent MCE upgrades and PLC implementation.
- Verification of the new gate-release logic will be conducted by ASI after several storage events are conducted. ASI will provide the confirmation. Storage events expected in February.

The line item schedule and budgets are summarized:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractors)	Estimated Delivery Date
9	PCI-5 Gate Repairs and final install of level sensors	TBD	TBD	3/31/2020
10	Substantial Completion of Hatch Construction	TBD	TBD	8/15/2020
11	Final Testing and Approval of PLC Mods	TBD	TBD	Feb 2021
12	Final Completion of Construction/Eval	\$61,687 (ASI/FKE)	\$440,000 (est.)	Feb 2021

## February 17, 2021 OMIDDD Board Meeting



**OMID Control Structures Upgrade  
Project Locations (in red)**



**CS-7 riser upgrade complete**



**CS-6 riser upgrade complete**



**CS-5 riser upgrade complete**

# February 17, 2021 OMIDDD Board Meeting

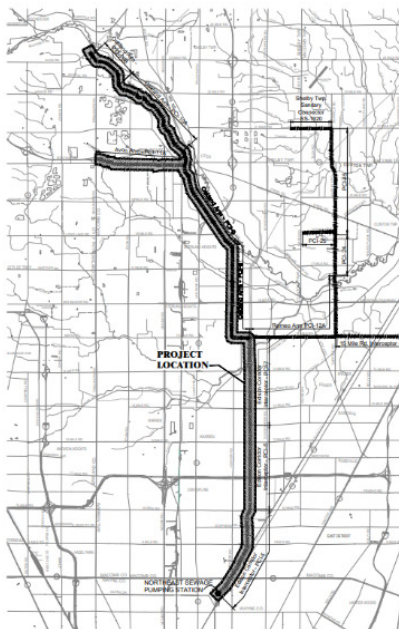
## OMID System Spot Repairs Status:

**Amt Invoiced:** \$58,703 out of original total design budget; Total design and construction budget currently is established as \$1,352,801 (including contingencies and admin/legal).

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

- Doestch Environmental was awarded the contract at the November 2019 Board Meeting; work delayed due to Covid and Contractor crew availability issues.
- Field work commenced with Contractor Mobilization and the start of manhole leak repairs in Nov 2020.
- The current **draft** line item schedule and budget for the OMID System Immediate Repair Project are summarized below:

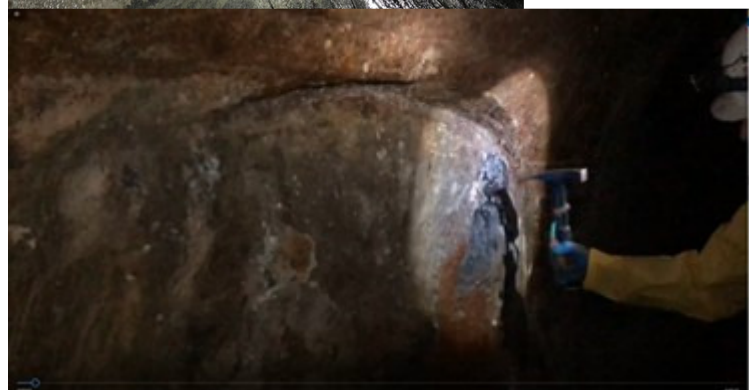
Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Field Investigations (Conducted under Warranty Repairs budget)	Part of AMP Project		10/01/2018
6	Contract Award and NTP			1/1/20
	Subtotal - Design	\$21,418		
7	Final Completion of Construction	\$66,122	\$1,352,801	6/5/20 (initial); 5/5/21 (estimated)



OMID Spot Repairs Project  
Location



Chemical grouting in  
PCI-10A



Preparing surface for spalling repair



## February 17, 2021 OMIDDD Board Meeting

### NIEA Repairs (Study and Design/Construction)

**Amt Invoiced:** \$1,820,564 out of currently projected study/design budget of \$2,400,570; Total design and construction budget currently is \$44,168,770 (including contingencies and admin/legal).

**Schedule Status:** Bids were received for PCI-4 rehabilitation project; additional field work and investigations are underway for PCI-18 & 19 rehabilitation project. Liner study is 100% complete; PCI-4 design 100% complete; PCI-18 & 19 design approximately 80% complete and GLWA concept review set has been issued.

#### Contract 1

- NI-EA OMID Contract No.1 PCI-4 rehabilitation project contract award recommendation memo is issued based on our evaluation of the bids.
- Formal Contract Documents for the PCI-4 Rehabilitation Project were prepared and transmitted to the Contractor (Marra Services, LLC) for execution, and have been received back.
- The required virtual Pre-Construction Meeting has been completed, and final plans are in place for a planned Notice to Proceed issuance, tentatively the week of February 15, 2021.
- Easement agreements with GLWA for a Contractor Laydown area and with FCA (Chrysler) for an independent State Fair Ave. entrance roadway corridor are being finalized.

#### Contract 2

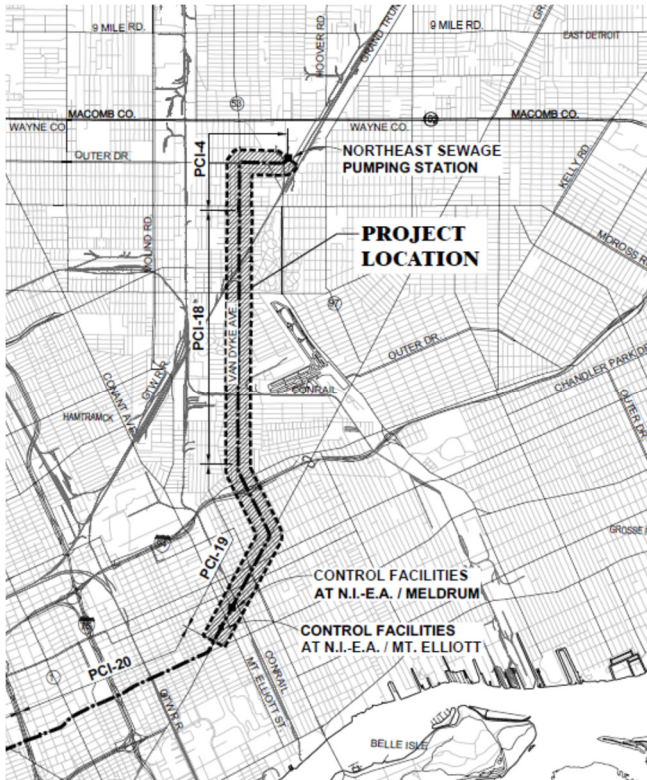
- Coordination meetings and discussions with GLWA are ongoing regarding cost sharing of rehabilitation of common to all portions of the NI-EA and new control structures, and other design coordination efforts. GLWA is supportive of the general approach for the project.
- A draft design schedule has been issued for NI-EA OMID Contract No.2 PCI-18/19 rehabilitation project. Once finalized, the schedule will be added to this report.
- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation GLWA design concept review set has been issued and sent to GLWA.
- 90% design for PCI-18/19 rehabilitation project is underway.

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

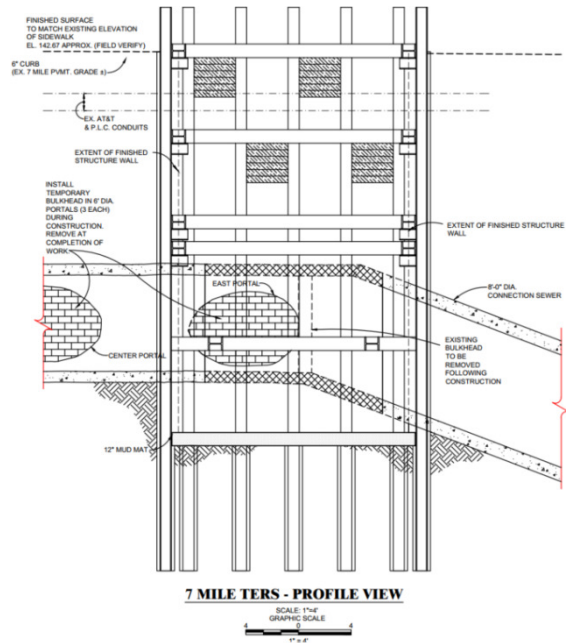
Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
2	Lining Study Final Report	\$126,744		10/30/2019
3	Field Inv. (MASW, SUE, Survey, Geo, Env)			10/30/19
4	Basis of Design Draft (Contracts 1 and 2)			9/30/2019
8	Contract 1 Design Complete & Issued for Bid	\$2,400,570 (C1 and C2)		6/10/2020
10	Contract 1 Award and NTP			1/26/2021
11	Contract 1 Final Completion	\$2M*	\$20M*	8/24/2022
8	Contract 2 Design Complete & Issued for Bid			6/10/2021
10	Contract 2 Award and NTP			11/10/2021
11	Contract 2 Final Completion	\$1.5M*	\$12M*	5/30/2023

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

# February 17, 2021 OMIDDD Board Meeting



NI-EA OMID Contracts 1 & 2 Project Location



Excerpt from ongoing 7 Mile Adit Gate drawings

Location of Proposed Outer Drive  
and Van Dyke PCI-4 Access Structure



## February 17, 2021 OMIDDD Board Meeting

### NESPS Pump and Electrical Upgrades Project

**Budget Status:** \$1,280,139 billed out of current Design Budget of \$1,382,430; \$364,423 out of the current CCA Budget of \$2,443,262. Total design and construction budget currently established as \$43,299,889 including contingencies and admin/legal). The total amount invoiced to date (as of December 31, 2020) is \$4,532,577.76, representing 10.5% of the project adjusted contract value.

**Schedule Status:** Active work in the field has commenced with the excavation for the proposed Electrical Building now complete, and concrete placement for the column and wall foundations well underway. On time.

The following Design Effort work is active:

- A review of alternative energy saving methods and pump sequence remains ongoing. A technical memorandum detailing the proposed pump sequencing was submitted to GLWA for review. GLWA SCC was in agreement of the planned sequencing.
- Evaluating concepts for lining deteriorated discharge piping for Pumps 5, 6, and possibly 2.
- The design team assisted the CMAR in preparation of the City of Detroit permit review package. Review comments were received and a revised package was prepared and submitted for final approval. Still waiting for comments from the City.

The following Construction Services work is active:

- Construction Phase services (RFI's, Submittals) have commenced, and the engineering team is reviewing and responding.
- The Design team and Walsh are working together to finalize a sequence of construction, and manpower loaded schedule.
- Work is completed on the foundation excavation for the proposed Electrical building, including installation of the temporary earth retaining structures (TERS).
- Work proceeds with the electrical building foundation walls and slab on grade.
- New dewatering pump on site and in prep for installation.
- Dewatering discharge piping being prepped for exterior coating.
- Work for the internal mechanical and electrical equipment has commenced with shop drawing and prep work. First major item will be the installation of the knife gate valve at Pump No. 3 and the HPU unit, which arrived onsite in late December, 2020 and is undergoing installation.
- The **draft** line item schedule and budget are summarized below:

Work Item/ Milestone	Estimated Budget	Estimated 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 - Design	\$1,519,275 (including		
10 Substantial Completion	\$2,500,000 (est.)	\$43,300,000 (est.)	3/24/2023
11 Final Completion			6/23/2023



# February 17, 2021 OMIDDD Board Meeting

## NESPS Refurbishment Project Location



**NESPS Electrical Building progress in early December.**



**External Coating of discharge piping in progress**



**Delivery of new dewatering pump**



## February 17, 2021 OMIDDD Board Meeting

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NESPS Electrical Building progress in January.

### CS-9 Gate Installation

**Budget Status:**

Total design and construction budget currently established as approximately \$3.2M (including contingencies and admin/legal).

**Schedule Status:**

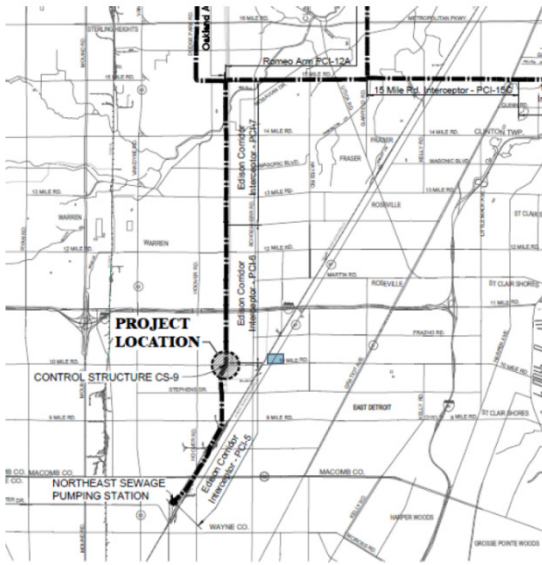
Engineering/Design efforts complete; CMAR bidding complete in packages.

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

- Hydrogate has been selected as the gate manufacturer.
- Preliminary work has commenced on site with soil erosion controls, perimeter security fencing, and entrance driveway construction now substantially complete.
- The Contractor has performed two manned inspections of the existing structure to verify bulkhead gate guideway dimensions, with the information obtained to be incorporated into the final gate design.
- The Contractor has res-sealed the structure following the measurements.



## February 17, 2021 OMIDDD Board Meeting



CS-9 Project location



Entering CS-9 for measurements  
on January 20<sup>th</sup>, 2021



CS-9 sealed on February  
4<sup>th</sup>, 2021 after entry

### Other

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

## February 17, 2021 OMIDDD Board Meeting

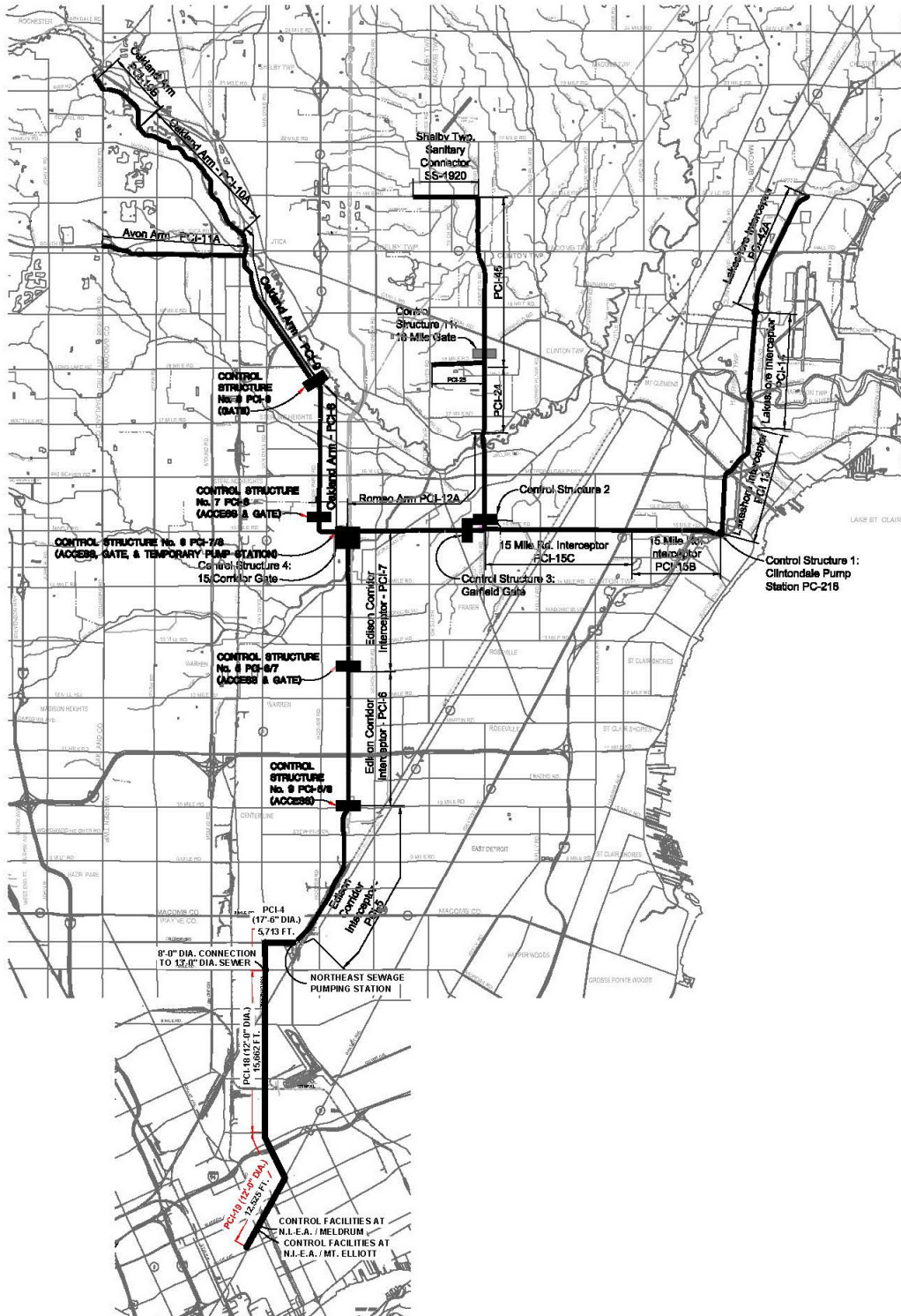
### Summary of OMID Design and Construction Status:

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 (Gatehouse)	IWPC (Weiss)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	N*	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	N	N	N	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/N	Y/Y/N	N	N	N/A
N/A	OMID Maintenance Repairs	Doetsch	N	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	N	N	N	N	N
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	N
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N

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

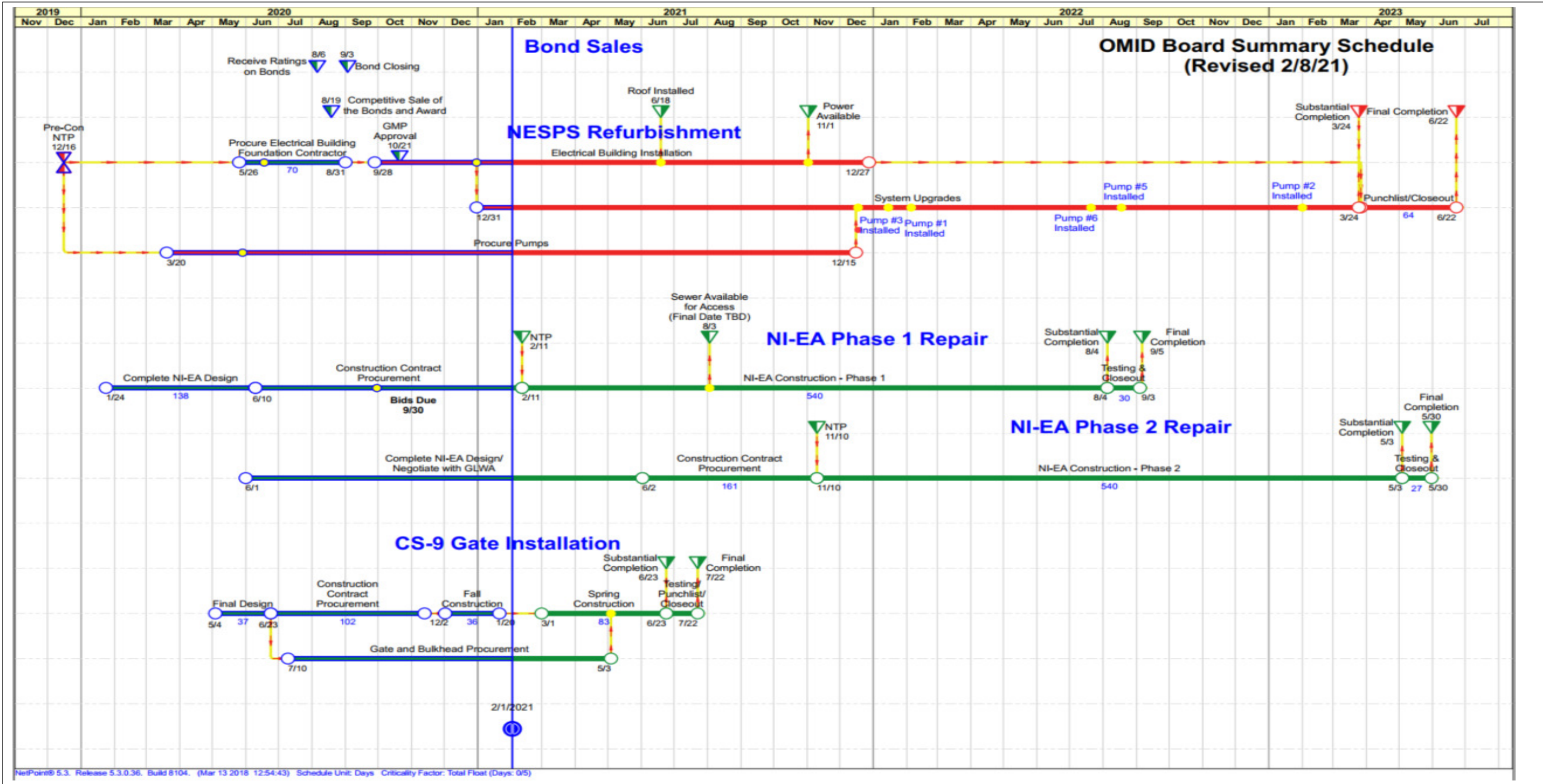
Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study ~95% Complete
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
NIEA-OMIDDD Contract 1 (PCI-4)	NTH	Design Complete; NTP Pending
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design ~80% Complete; pursuing cost sharing w/ GLWA
Emergency Pumping Plan	ASI/FKE	Design Complete; Field work pending final award

# February 17, 2021 OMIDDD Board Meeting



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





February 17, 2021 OMIDDD Board Meeting

MID/OMID Construction Schedule

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

Table updated on 12/1/2020. Estimates to be updated as necessary.

\* Flow control from 8/20 through 6/21 will be required for sewer cleaning. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section.  
\* Flow control from 7/21 through 12/21 is shown for sewer lining. Flow control CS requirements are defined in the "Control Devices Required to Store Flow" section.  
PSPS and ELPS operations can significantly impact storage times upstream of CS-6, 7 & 8 and subsequently downstream control structures. Coordination & alerting for ELPS, PSPS, WRC Meters 1222/1223 & 1000 required.

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

Estimated Project Window  
Flow Control Required  
Flow Control May Be Required

Summary of OMID Flow Control Requirements for Ongoing and Future Projects



**Agenda Item No. 10**

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

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**OMID Odor-Corrosion Study Seg1**  
**100000002892**  
 (as of February 10, 2021)

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

**STD - Standard Operation**

730639 - Engineering Services-Other	0.00	399,021.96	
<b>Standard Operation TOTALS</b>			
383,789.00	0.00	399,021.96	(\$15,232.96)

Project 100000002892 - OMID Odor-Corrosion Study Seg1			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$383,789.00	\$0.00	\$399,021.96	(\$15,232.96)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$679.06	\$1,081.28	
655385-Income from Investments	\$0.00	\$6,778.27	
695500-Transfers In	\$0.00	\$266,792.12	
697551-Issuance of Bonds	\$13,594.87	\$138,644.22	
<b>TOTAL REVENUE</b>	<b>\$14,273.93</b>	<b>\$413,295.89</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$14,273.93</b>	

YTD Trial Balance  
Fund: 84914 Oakland Macomb InterceptorSeg3  
As of Fiscal Period: Month 5, 2021

Run By: WRC\_REPORTING  
Run: 02/10/2021 at 01:20 PM  
Scope: 84914 Oakland Macomb InterceptorSeg3

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg3 100000001557	System Wide OMID Odor- Corrosion Study 100000002892	YTD Balance
100100	Cash - Operating	14,318.38	(2,849.95)	17,168.33	14,318.38
101900	Fund Cash Transaction	0.00	2,894.40	(2,894.40)	0.00
104100	Accrued Interest on Investment	(376.95)	(376.95)	0.00	(376.95)
143100	Prepaid Expenses	660.00	660.00	0.00	660.00
211100	Due to Primary Government	(327.50)	(327.50)	0.00	(327.50)
	Revenues	(73.49)	1,007.79	(1,081.28)	(73.49)
697551	Issuance of Bonds	0.00	21,647.34	(21,647.34)	0.00
	Expenditures	8,685.69	231.00	8,454.69	8,685.69
	Special Items- Uses	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(22,886.13)	(22,886.13)	0.00	(22,886.13)
		0.00	0.00	0.00	0.00

Cash as of 01/12/2021 \$ 14,318.38

Invoices / Reimbursements For Seg 1 OMID System Wide Odor Corrosion Study On Current Agenda Impacting Cash (14,273.93)

Invoices / ReimbursementsFor Seg 3 Project On Current Agenda Impacting Cash 0.00

Total Net Cash Balance \$ 44.45



# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### Oakland Macomb InterceptorSeg3

#### 10000001557

(as of February 10, 2021)

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

#### ADM - Administration

730772 - Freight and Express	0.00	237.38	
730926 - Indirect Costs	0.00	88,274.86	
730940 - Insurance	0.00	374,816.24	
731521 - Public Services	0.00	72,238.27	
732018 - Travel and Conference	0.00	160.44	
771638 - Drain Equip Labor	0.00	216,953.03	
771639 - Drain Equipment	0.00	19,268.57	

#### Administration TOTALS

460,138.00	0.00	771,948.79	(\$311,810.79)
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#### CONT - Contingency

#### Contingency TOTALS

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

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

#### Engineering TOTALS

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

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

#### Engineering Consultant TOTALS

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

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

#### Facility Acquisition TOTALS

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

722000 - Fringe Benefits	0.00	25.90	
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#### Fringe Benefits TOTALS

0.00	0.00	25.90	(\$25.90)
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#### INS - Inspection

730373 - Contracted Services	0.00	231.00	
731521 - Public Services	0.00	37,329.11	

#### Inspection TOTALS

330,221.00	0.00	37,560.11	\$292,660.89
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#### LEGAL - Legal and Financial

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**Oakland Macomb InterceptorSeg3**  
**100000001557**  
(as of February 10, 2021)

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

**ROW - Right of Way**

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

Project 100000001557 - Oakland Macomb InterceptorSeg3			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$68,393,724.00	\$0.00	\$68,542,010.29	(\$148,286.29)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	(\$679.06)	\$3,252,642.72	
631827-Reimb General	\$0.00	\$43,882.94	
655077-Accrued Interest Adjustments	\$2.43	(\$376.95)	
655385-Income from Investments	\$10.39	\$127,508.92	
697551-Issuance of Bonds	(\$13,594.87)	(\$21,647.34)	
697753-State Revolving Fund Loans	\$0.00	\$65,140,000.00	
<b>TOTAL REVENUE</b>	<b>(\$14,261.11)</b>	<b>\$68,542,010.29</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		\$0.00	

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg4 100000001913	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion StdY Seg4 100000002708	YTD Balance
100100	Cash - Operating	200,435.20	134,755.75	27,162.74	38,516.71	200,435.20
104100	Accrued Interest on Investment	42,315.90	42,315.90	0.00	0.00	42,315.90
211100	Due to Primary Government	(44,548.63)	(17,277.62)	(364.63)	(26,906.38)	(44,548.63)
	Revenues	(1,212.37)	115,162.63	0.00	(116,375.00)	(1,212.37)
697551	Issuance of Bonds	0.00	128,625.00	0.00	(128,625.00)	0.00
	Expenditures	114,246.11	8,108.77	1,654.56	104,482.78	114,246.11
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(311,236.21)	(411,690.43)	(28,452.67)	128,906.89	(311,236.21)
		0.00	0.00	(0.00)	0.00	0.00

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

Cash as of 01/12/2021	\$	200,435.20
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		(3,069.54)
Total Net Cash Balance	\$	197,365.66

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### Oakland Macomb Interceptor Seg4

#### 100000001913

(as of February 10, 2021)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	63,879.05	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
<b>Administration TOTALS</b>				
	390,165.00	0.00	470,892.60	(\$80,727.60)
<b>ENG - Engineering</b>				
731346 - Personal Mileage		0.00	14,797.93	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		3,141.36	756,873.25	
771639 - Drain Equipment		197.28	82,883.26	
<b>Engineering TOTALS</b>				
	484,153.00	3,338.64	895,159.44	(\$411,006.44)
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
<b>Engineering Consultant TOTALS</b>				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
<b>Facility Acquisition TOTALS</b>				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
<b>INS - Inspection</b>				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
<b>Inspection TOTALS</b>				
	17,408.00	0.00	17,408.94	(\$0.94)
<b>LEGAL - Legal and Financial</b>				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
<b>Legal and Financial TOTALS</b>				
	191,321.00	0.00	194,642.75	(\$3,321.75)
<b>ROW - Right of Way</b>				
731563 - Recording Fees		0.00	50.67	
<b>Right of Way TOTALS</b>				
	0.00	0.00	50.67	(\$50.67)

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**Oakland Macomb InterceptorSeg4**  
**100000001913**  
 (as of February 10, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 100000001913 - Oakland Macomb InterceptorSeg4</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$19,583,909.00	\$3,338.64	\$19,237,845.52	\$346,063.48
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	(\$9,500.00)	\$8,369,355.35	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	\$23.95	\$42,315.90	
655385-Income from Investments	\$102.48	\$650,602.88	
697551-Issuance of Bonds	(\$10,500.00)	\$740,014.65	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
<b>TOTAL REVENUE</b>	<b>(\$19,873.57)</b>	<b>\$19,397,639.55</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$159,794.03</b>	

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**OMI NESPS GATEHOUSE SEG4**  
**100000002232**  
(as of February 10, 2021)

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

730926 - Indirect Costs	0.00	1,217.23	
771638 - Drain Equip Labor	0.00	53.43	

**Administration TOTALS**

9,472.00	0.00	1,270.66	\$8,201.34
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**CONT - Contingency**
**Contingency TOTALS**

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

771638 - Drain Equip Labor	0.00	13,440.49	
771639 - Drain Equipment	0.00	585.50	

**Engineering TOTALS**

59,699.00	0.00	14,025.99	\$45,673.01
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other	0.00	1,248,846.74	
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**Engineering Consultant TOTALS**

496,981.00	0.00	1,248,846.74	(\$751,865.74)
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**FAC - Facility Acquisition**

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

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

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

**Inspection TOTALS**

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

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

6,000.00	0.00	1,456.00	\$4,544.00
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Project 100000002232 - OMI NESPS GATEHOUSE SEG4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	\$0.00	\$4,723,201.89	(\$304,203.89)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,434,988.28	
697551-Issuance of Bonds	\$0.00	\$2,315,011.72	
TOTAL REVENUE	\$0.00	\$4,750,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$26,798.11	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### NESPS Odor Corrosion Stdy Seg4

#### 100000002708

(as of February 10, 2021)

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

730926 - Indirect Costs	0.00	25,041.48	
730940 - Insurance	0.00	88,400.00	

#### Administration TOTALS

188,148.00	0.00	113,441.48	\$74,706.52
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#### CONT - Contingency

#### Contingency TOTALS

637,000.00	0.00	0.00	\$637,000.00
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#### ENG - Engineering

771638 - Drain Equip Labor	1,249.95	114,897.07	
771639 - Drain Equipment	34.40	4,241.46	

#### Engineering TOTALS

206,253.00	1,284.35	119,138.53	\$87,114.47
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#### ENGCON - Engineering Consultant

730373 - Contracted Services	0.00	1,247,710.57	
730639 - Engineering Services-Other	0.00	59,195.44	

#### Engineering Consultant TOTALS

1,073,000.00	0.00	1,306,906.01	(\$233,906.01)
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#### FAC - Facility Acquisition

730352 - Construction	0.00	652,723.40	
731472 - Project Construction and Impr	0.00	4,179,747.26	

#### Facility Acquisition TOTALS

4,600,000.00	0.00	4,832,470.66	(\$232,470.66)
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#### INS - Inspection

771638 - Drain Equip Labor	0.00	212,352.47	
771639 - Drain Equipment	0.00	32,443.08	

#### Inspection TOTALS

190,343.00	0.00	244,795.55	(\$54,452.55)
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#### LEGAL - Legal and Financial

731073 - Legal Services	0.00	1,744.00	
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#### Legal and Financial TOTALS

15,000.00	0.00	1,744.00	\$13,256.00
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#### ROW - Right of Way

#### Right of Way TOTALS

46,000.00	0.00	0.00	\$46,000.00
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#### STD - Standard Operation

730352 - Construction	0.00	116,361.10	
730926 - Indirect Costs	0.00	3,729.80	
730940 - Insurance	0.00	139,930.93	
731906 - Testing Services	0.00	31,382.05	
771638 - Drain Equip Labor	0.00	4,613.57	
771639 - Drain Equipment	0.00	2,460.66	

#### Standard Operation TOTALS

38,010.00	0.00	298,478.11	(\$260,468.11)
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#### SUR - Survey Crew

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS Odor Corrosion Stdy Seg4**  
**100000002708**  
 (as of February 10, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Survey Crew TOTALS</b>			
10,246.00	0.00	0.00	\$10,246.00

<b>Project 100000002708 - NESPS Odor Corrosion Stdy Seg4</b>			
<b>Total Project Expenses</b>			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	\$1,284.35	\$6,916,974.34	\$87,025.66
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$9,500.00	\$3,243,611.04	
697551-Issuance of Bonds	\$10,500.00	\$3,684,973.63	
<b>TOTAL REVENUE</b>	<b>\$20,000.00</b>	<b>\$6,928,584.67</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		\$11,610.33	



ACCOUNT		YTD Balance Total Fund	YTD Balance No Project	OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	NESPS MECH-ELEC CONSTRUCTION 100000003309	YTD Balance
100100	Cash - Operating	80,745,228.27	0.00	79,807,317.41	465,470.54	472,440.32	80,745,228.27
104100	Accrued Interest on Investment	(70,354.06)	0.00	(70,354.06)	0.00	0.00	(70,354.06)
201210	Vouchers Payable AP Cont	(7,727.08)	0.00	0.00	0.00	(7,727.08)	(7,727.08)
	Revenues	122,622.54	402,211.79	551,523.19	(140,405.91)	(690,706.52)	122,622.54
697551	Issuance of Bonds	0.00	0.00	2,838,887.56	(479,594.09)	(2,359,293.48)	0.00
	Expenditures	2,739,816.22	0.00	0.00	154,529.46	2,585,286.76	2,739,816.22
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(83,529,585.89)	(402,211.79)	(83,127,374.10)	0.00	0.00	(83,529,585.89)
		(0.00)	0.00	(0.00)	0.00	0.00	(0.00)

Cash as of 2/10/2021 \$ 80,745,228.27

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (81,976.17)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (107,671.29)

Total Net Cash Balance \$ 80,555,580.81

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID Segment 5

### 100000003252

(as of February 10, 2021)

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

730177 - Bond Issuing Cost	0.00	242,201.57	
<b>Administration TOTALS</b>	0.00	242,201.57	(\$242,201.57)

**LEGAL - Legal and Financial**

730177 - Bond Issuing Cost	0.00	514,935.00	
<b>Legal and Financial TOTALS</b>	0.00	514,935.00	(\$514,935.00)

Project 100000003252 - OMID Segment 5			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$0.00	\$0.00	\$757,136.57	(\$757,136.57)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	(\$339,691.73)	\$18,180,788.90	
655077-Accrued Interest Adjustments	\$8,708.95	(\$70,354.06)	
655385-Income from Investments	\$37,265.31	\$334,285.77	
655462-Increase Market Value Invest	\$0.00	(\$401,669.67)	
697219-Premiums on Bonds Sold	\$0.00	\$7,672,724.75	
697551-Issuance of Bonds	(\$1,160,308.27)	\$54,376,112.43	
<b>TOTAL REVENUE</b>	<b>(\$1,454,025.74)</b>	<b>\$80,091,888.12</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$79,334,751.55</b>	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID NI-EA CONSTRUCTION

#### 100000003308

(as of February 10, 2021)

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

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
584,000.00	0.00	0.00	\$584,000.00

**CONT - Contingency**
**Contingency TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
2,581,000.00	0.00	0.00	\$2,581,000.00

**ENG - Engineering**

771638 - Drain Equip Labor

5,826.61

14,039.59

771639 - Drain Equipment

266.31

677.79

**Engineering TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
478,000.00	6,092.92	14,717.38	\$463,282.62

**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other

0.00

60,609.76

731444 - Prof Svc-Consultant

0.00

36,308.56

**Engineering Consultant TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
4,913,000.00	0.00	96,918.32	\$4,816,081.68

**FAC - Facility Acquisition**

731472 - Project Construction and Impr

0.00

31,333.54

**Facility Acquisition TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
17,983,600.00	0.00	31,333.54	\$17,952,266.46

**INS - Inspection**
**Inspection TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
260,000.00	0.00	0.00	\$260,000.00

**LEGAL - Legal and Financial**

731073 - Legal Services

0.00

594.00

**Legal and Financial TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
1,259,000.00	0.00	594.00	\$1,258,406.00

**ROW - Right of Way**

771638 - Drain Equip Labor

466.32

10,550.06

771639 - Drain Equipment

17.94

416.16

**Right of Way TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
265,000.00	484.26	10,966.22	\$254,033.78

**STD - Standard Operation**
**Standard Operation TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
40,000.00	0.00	0.00	\$40,000.00

**SUR - Survey Crew**
**Survey Crew TOTALS**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
32,000.00	0.00	0.00	\$32,000.00

Project 100000003308 - OMID NI-EA CONSTRUCTION			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$28,395,600.00	\$6,577.18	\$154,529.46	\$28,241,070.54

**Water Resources Commissioner****PROJECT WORK IN PROGRESS****OMID NI-EA CONSTRUCTION****100000003308**

(as of February 10, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$113,230.58	\$140,405.92	
697551-Issuance of Bonds	\$386,769.42	\$479,594.09	
TOTAL REVENUE	\$500,000.00	\$620,000.01	
REVENUE OVER/(UNDER) EXPENSES		\$465,470.55	

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS MECH-ELEC CONSTRUCTION**  
**100000003309**  
(as of February 10, 2021)

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

620,000.00	0.00	0.00	\$620,000.00
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**CONT - Contingency**
**Contingency TOTALS**

4,917,000.00	0.00	0.00	\$4,917,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

6,726.97

22,678.13

771639 - Drain Equipment

200.98

894.25

**Engineering TOTALS**

446,000.00	6,927.95	23,572.38	\$422,427.62
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other

0.00

304,932.05

731444 - Prof Svc-Consultant

0.00

14,423.88

731458 - Professional Services

0.00

5,616.73

**Engineering Consultant TOTALS**

3,987,000.00	0.00	324,972.66	\$3,662,027.34
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**FAC - Facility Acquisition**

731472 - Project Construction and Impr

0.00

1,685,346.74

**Facility Acquisition TOTALS**

40,857,000.00	0.00	1,685,346.74	\$39,171,653.26
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**INS - Inspection**

771638 - Drain Equip Labor

6,410.45

31,160.22

771639 - Drain Equipment

893.58

4,384.76

**Inspection TOTALS**

285,000.00	7,304.03	35,544.98	\$249,455.02
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**LEGAL - Legal and Financial**

730940 - Insurance

0.00

515,850.00

**Legal and Financial TOTALS**

2,417,000.00	0.00	515,850.00	\$1,901,150.00
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**ROW - Right of Way**
**Right of Way TOTALS**

393,000.00	0.00	0.00	\$393,000.00
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**STD - Standard Operation**
**Standard Operation TOTALS**

130,000.00	0.00	0.00	\$130,000.00
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**SUR - Survey Crew**
**Survey Crew TOTALS**

34,000.00	0.00	0.00	\$34,000.00
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**Project 100000003309 - NESPS MECH-ELEC CONSTRUCTION**
**Total Project Expenses**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS MECH-ELEC CONSTRUCTION**  
**100000003309**  
 (as of February 10, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$54,086,000.00	\$14,231.98	\$2,585,286.76	\$51,500,713.24
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$226,461.15	\$690,706.52	
697551-Issuance of Bonds	\$773,538.85	\$2,359,293.48	
TOTAL REVENUE	\$1,000,000.00	\$3,050,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$464,713.24	

Oakland County - Water Resources Commissioner's Office  
Fund Equity: Schedule of Reserves and Dedicated Funds  
As of Date: January 31, 2021

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,183,481.93	166,666.68	2,614,923.38	16,601,996.26		22,567,068.25
84914	OMIDD Seg 3						
	- Project 1-1557 Interceptor Seg 3					-	
	- Project 1-2892 Interceptor					14,273.93	
							14,273.93
84915	OMIDD Seg 4						
	- Project 1-1913 Interceptor Seg 4					159,794.03	
	- Project 1-2232 NESPS Gatehouse					26,798.11	
	- Project 1-2708 NESPS Odor Corrosion Study					11,610.33	
							198,202.47
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					79,736,963.34	
	- Project 1-3308 NIEA Mech. / Elect. Const.					465,470.55	
	- Project 1-3309 NESPS Construction					464,713.24	
							80,667,147.13
Total Equity in Maintenance and Construction Funds							<u>103,446,691.78</u>

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



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

OMI DD Meeting Date 01/20/2021

		84914	84914	84915	84915	84915	84915	84917	84917	82912	
		1-2892	1-1557	1-1913	1-2232	1-2232	1-2708	1-3308	1-3309		
<b>Payable To</b>	<b>Invoice #</b>	<b><u>System Wide Odor Corrosion Study</u></b>	<b><u>Segment 3</u></b>	<b><u>Segment 4</u></b>	<b><u>Segment 4 - NESPS Gate House</u></b>	<b><u>Segment 4 - NIEA East Arm</u></b>	<b><u>Segment 4 - NESPS Odor Corrosion Study</u></b>	<b><u>Segment 5 NIEA Construction</u></b>	<b><u>Segment 5 NESPS Mech / Electric Construction</u></b>	<b><u>Opperation &amp; Maintenance</u></b>	<b><u>Total</u></b>
Oakland County *	WRC Labor/Fringes/Non-direct Labor			1,014.12			1,468.48	10,405.87	20,845.32		\$33,733.79
Oakland County *	WRC Equipment			6,675.39			40.44	509.27	2,100.21		\$9,325.31
Oakland County *	WRC Mileage			1,014.16			0.00	0.00	0.00		\$1,014.16
Macomb County	ARP210037 Personnel Reimbursment and SCADA Maintanence									20,006.93	\$20,006.93
Comerica Purchase Card	City of Detroit Transaction Date 01/31/2021									350.00	\$350.00
Applied Science, Inc	Invoice # 24 (ASI Inv. #7783) Services Through 1/30/21								95,460.63		\$95,460.63
CH2M - Jacobs	Invoice # 697317CH26 Services Through 10/30/2020	8,271.96									\$8,271.96
CH2M - Jacobs	Invoice # 697317CH29 Services Through 01/29/2021	6,001.97								2,894.40	\$8,896.37
CH2M - LG Design	Invoice # 705773CH025 Services Through 01/29/2021						3,069.54				\$3,069.54
Clark Hill PLC	Invoice # 1055842 Matter 404547 Services Through 12/31/20							1,350.00			\$1,350.00
Clark Hill PLC	Invoice # 1056907 Matter 316432 Services Through 12/31/20							1,728.00			\$1,728.00
Dickinson Wright PLLC	Invoice # 1546108 Matter 012840-00418 Service through 12/31/20									525.00	\$525.00
Dickinson Wright PLLC	Invoice # 1546112 Matter 012840-00424 Service through 12/31/20									3,255.00	\$3,255.00
Dickinson Wright PLLC	Invoice # 1546117 Matter 012840-00436 Service through 12/31/20									2,905.00	\$2,905.00
HESCO	Invoice # 20211647 Maintenance and Repairs 7/2/20 to 10/07/20									15,458.75	\$15,458.75
Kenedy Industries	Invoice # 620797 NESPS Field Service 9/22/20									803.00	\$803.00
Kenedy Industries	Invoice # 621708 NESPS Field Service 10/30/20									2,423.82	\$2,423.82
Kenedy Industries	Invoice # 622843 NESPS Bearing Service 1/08/21 & 1/11/21									3,273.00	\$3,273.00
Kenedy Industries	Invoice # 623235 NESPS Field Service 1/28/21									583.00	\$583.00
METCO	Invoice # 1811-25 Through 1/31/21									92,834.90	\$92,834.90
Motor City Electric Technologies	Invoice # 93454 NESP SCADA Cut Over Service Date 12/30/20									924.00	\$924.00
Motor City Electric Technologies	Invoice # 93455 NESP SCADA Cut Over Service Date 1/5/21									385.00	\$385.00
Motor City Electric Technologies	Invoice # 93456 NESP SCADA Cut Over Service Date 1/8/21									192.50	\$192.50
Motor City Electric Technologies	Invoice # 93457 NESP SCADA Cut Over Service Date 1/11/21									116.65	\$116.65
Motor City Electric Technologies	Invoice # 93458 NESP SCADA Cut Over Service Date 1/14/21									115.50	\$115.50
Motor City Electric Technologies	Invoice # 93459 NESP SCADA Cut Over Service Date 1/22/21									231.00	\$231.00
NTH Consultants	Inv # 01 NI-EA Construction Engineering Service Through 1/22/21							29,689.84			\$29,689.84
NTH Consultants	Inv # 04 NESPS Pumping and Electrical Upgrades Service Through 1/22/21								4,741.14		\$4,741.14
NTH Consultants	Inv # 07 OMIDD NESPS Safety Manual & Crane Support Service Through 1/22/21									564.51	\$564.51
NTH Consultants	Inv # 20 - OMIDD NI-EA Rehab Services Through 1/22/21							49,208.33			\$49,208.33
NTH Consultants	Inv # 24 - OMIDD System Immediate Repair Service Through 1/22/21									20,619.59	\$20,619.59
PMA Consultants	Invoice # 03559.01 - 8 Professional Services Through 1/31/21								7,469.52		\$7,469.52
Rotor Electric Company	Invoice # 12389 Switchgear Maintenance and Testing 12/21/20									31,521.10	\$31,521.10
Total Invoices/Reimbursements for Approval		\$14,273.93	\$0.00	\$8,703.67	\$0.00	\$0.00	\$4,578.46	\$92,891.31	\$130,616.82	\$199,982.65	\$451,046.84
	* Less WRC Charges already paid from OMI Fund	0.00	0.00	(8,703.67)	0.00	0.00	(1,508.92)	(10,915.14)	(22,945.53)	0.00	(43,059.10)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain		\$14,273.93	\$0.00	\$0.00	\$0.00	\$0.00	\$3,069.54	\$81,976.17	\$107,671.29	\$199,982.65	\$392,699.65

## **Agenda Item No. 11**

### **Invoices**

OMI Segment 4 Project - WRC Equipment Charges for Trans Dates - 08/28/2020 - 01/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	01/13/2021	01/04/2021	POUSHO, ROBERT	8.00	\$ 3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/04/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/05/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/05/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/06/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/06/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/07/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/07/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/08/2021	POUSHO, ROBERT	9.00	21.06	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/08/2021	POUSHO, ROBERT	9.00	3.60	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/11/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/11/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/12/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/12/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/13/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/13/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/14/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/13/2021	01/14/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/15/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/13/2021	01/15/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/19/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/19/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/20/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/20/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/21/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/21/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/22/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/22/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/25/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/25/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/26/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/26/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/27/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/27/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/28/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/28/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	01/28/2021	01/29/2021	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	01/28/2021	01/29/2021	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
					\$ 419.22				

OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 08/28/2020 - 01/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	01/13/2021	01/04/2021	POUSHO, ROBERT	8.00	\$ 349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/05/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/06/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/07/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/08/2021	POUSHO, ROBERT	9.00	392.67	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/11/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/12/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/13/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/14/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/13/2021	01/15/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/19/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/20/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/21/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/22/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/25/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/26/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/27/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/28/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
834323	01/28/2021	01/29/2021	POUSHO, ROBERT	8.00	349.04	REGULAR	WRCCON	100000001913	ENG
					\$ 6,675.39				

OMI Segment 4 Project - WRC Personal Mileage and Parking - Accounting Date Range 08/01/2020 - 01/31/2021

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU Amount
01/15/21	84915	OMIDD Segment 4	100000001913	OMIDD Segment 4	ENG	Pousho 971 Miles 1-22-21	\$ 543.72
01/29/21	84915	OMIDD Segment 5	100000001913	OMIDD Segment 5	ENG	Pousho 840 Miles 2-5-21	470.40
							<u>\$ 1,014.12</u>



OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -01/02/2021 - 01/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	01/04/2021	12/21/2020	BROWN, JOEL	1.00	\$ 108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/04/2021	12/22/2020	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/04/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/05/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/06/2021	BROWN, JOEL	0.50	54.35	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/08/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/11/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/13/2021	BROWN, JOEL	0.50	54.35	REGULAR	WRCCON	100000002708	ENG
864521	01/25/2021	01/15/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/29/2021	01/22/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/29/2021	01/25/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/29/2021	01/26/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000002708	ENG
864521	01/29/2021	01/29/2021	BROWN, JOEL	1.50	163.04	REGULAR	WRCCON	100000002708	ENG
					\$ 1,467.33				
965981	01/11/2021	01/11/2021	WAGNER, DENISE	0.02	\$ 1.15	REGULAR	WRCSMU	100000002708	STD
					\$ 1.15				
					\$ 1,468.48				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 01/02/2021 - 01/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	44200.38231	44186	BROWN, JOEL	1.00	\$ 0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44200.38231	44186	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44200.38231	44186	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44200.38241	44187	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44200.38241	44187	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44200.38241	44187	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51346	44200	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51346	44200	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51346	44200	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44221.51361	44201	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51361	44201	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51361	44201	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44221.51377	44202	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51377	44202	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51377	44202	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44221.51407	44204	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51407	44204	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51407	44204	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44221.51425	44207	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51425	44207	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51425	44207	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44221.51456	44209	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51456	44209	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51456	44209	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44221.51472	44211	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44221.51472	44211	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44221.51472	44211	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44225.67626	44218	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44225.67626	44218	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44225.67626	44218	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44225.67639	44221	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44225.67639	44221	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44225.67639	44221	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44225.67654	44222	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	44225.67654	44222	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	44225.67654	44222	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	44225.67681	44225	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	44225.67681	44225	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	44225.67681	44225	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
					\$ 40.38				
965981	44207.56463	44207	WAGNER, DENISE	0.02	\$ 0.01	ASSIGNED	Cell Phone	100000002708	STD
965981	44207.56463	44207	WAGNER, DENISE	0.02	0.05	ASSIGNED	PC/Computer	100000002708	STD
					\$ 0.06				
					\$ 40.44				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 01/01/2021 - 01/29/2021										
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
984657	01/04/2021	12/21/2020	BROWN, JOEL	1.00	\$ 108.69	REGULAR	WRCCON	100000003308	ENG	
984657	01/04/2021	12/23/2020	BROWN, JOEL	1.50	163.04	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/04/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/06/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/08/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/11/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/12/2021	BROWN, JOEL	0.50	54.35	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/13/2021	BROWN, JOEL	2.50	271.73	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/14/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000003308	ENG	
984657	01/25/2021	01/15/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/19/2021	BROWN, JOEL	0.50	54.35	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/20/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/21/2021	BROWN, JOEL	1.50	163.04	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/22/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/25/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/26/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/27/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000003308	ENG	
984657	01/29/2021	01/29/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	100000003308	ENG	
					\$ 3,641.14					
984657	01/15/2021	01/04/2021	LOCKHART, SIDNEY	2.00	\$ 245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/05/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/06/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/07/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/08/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/11/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/12/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/13/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/15/2021	01/15/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/19/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/20/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/21/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/22/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/25/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/26/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/27/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/28/2021	LOCKHART, SIDNEY	4.00	491.44	REGULAR	WRCADM	100000003308	ENG	
984657	01/28/2021	01/29/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	100000003308	ENG	
					\$ 4,668.68					
984662	01/15/2021	01/04/2021	PARROTT, JEFFREY	8.00	\$ 621.76	REGULAR	WRCROW	100000003308	ROW	
984662	01/15/2021	01/08/2021	PARROTT, JEFFREY	2.00	155.44	REGULAR	WRCROW	100000003308	ROW	
984662	01/15/2021	01/13/2021	PARROTT, JEFFREY	3.00	233.16	REGULAR	WRCROW	100000003308	ROW	
984662	01/15/2021	01/14/2021	PARROTT, JEFFREY	4.00	310.88	REGULAR	WRCROW	100000003308	ROW	
984662	01/15/2021	01/04/2021	PARROTT, JEFFREY	1.50	132.21	OVERTIME	WRCROW	100000003308	ROW	
984662	01/15/2021	01/13/2021	PARROTT, JEFFREY	2.00	176.28	OVERTIME	WRCROW	100000003308	ROW	
984662	01/29/2021	01/22/2021	PARROTT, JEFFREY	4.00	310.88	REGULAR	WRCROW	100000003308	ROW	
984662	01/29/2021	01/25/2021	PARROTT, JEFFREY	2.00	155.44	REGULAR	WRCROW	100000003308	ROW	
					\$ 2,096.05					
					\$ 10,405.87					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 01/02/2021 - 1/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	01/04/2021	12/21/2020	BROWN, JOEL	1.00	\$ 0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/04/2021	12/21/2020	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/04/2021	12/21/2020	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/04/2021	12/23/2020	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/04/2021	12/23/2020	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/04/2021	12/23/2020	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/04/2021	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/04/2021	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/04/2021	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/06/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/06/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/06/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/08/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/08/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/08/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/11/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/11/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/11/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/12/2021	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/12/2021	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/12/2021	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/13/2021	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/13/2021	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/13/2021	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/14/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/14/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/14/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/25/2021	01/15/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/25/2021	01/15/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/25/2021	01/15/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/19/2021	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/19/2021	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/19/2021	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/20/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/20/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/20/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/21/2021	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/21/2021	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/21/2021	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/22/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/22/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/22/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/25/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/25/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/25/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/26/2021	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/26/2021	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/26/2021	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/27/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/27/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/27/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/29/2021	01/29/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/29/2021	01/29/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/29/2021	01/29/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
					\$ 100.19				
984657	01/15/2021	01/04/2021	LOCKHART, SIDNEY	2.00	\$ 0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/15/2021	01/04/2021	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/15/2021	01/04/2021	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/15/2021	01/04/2021	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	01/15/2021	01/05/2021	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/15/2021	01/05/2021	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	01/15/2021	01/05/2021	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/15/2021	01/05/2021	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/15/2021	01/06/2021	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	01/15/2021	01/06/2021	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/15/2021	01/06/2021	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	01/15/2021	01/06/2021	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	01/15/2021	01/07/2021	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	01/15/2021	01/07/2021	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ENG





984662	01/15/2021	01/04/2021	PARROTT, JEFFREY	1.50	3.51	ASSIGNED	PC/Computer	100000003308	ROW
984662	01/15/2021	01/04/2021	PARROTT, JEFFREY	1.50	0.60	ASSIGNED	Cell Phone	100000003308	ROW
984662	01/15/2021	01/13/2021	PARROTT, JEFFREY	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	01/15/2021	01/13/2021	PARROTT, JEFFREY	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	01/15/2021	01/13/2021	PARROTT, JEFFREY	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	01/29/2021	01/22/2021	PARROTT, JEFFREY	4.00	9.36	ASSIGNED	PC/Computer	100000003308	ROW
984662	01/29/2021	01/22/2021	PARROTT, JEFFREY	4.00	1.60	ASSIGNED	Cell Phone	100000003308	ROW
984662	01/29/2021	01/22/2021	PARROTT, JEFFREY	4.00	1.00	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	01/29/2021	01/25/2021	PARROTT, JEFFREY	2.00	4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	01/29/2021	01/25/2021	PARROTT, JEFFREY	2.00	0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	01/29/2021	01/25/2021	PARROTT, JEFFREY	2.00	0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
					\$ 79.24				
					\$ 509.27				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -01/02/2021 - 01/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	01/04/2021	12/21/2020	BROWN, JOEL	2.50	\$ 271.73	REGULAR	WRCCON	10000003309	ENG
984656	01/04/2021	12/23/2020	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/04/2021	BROWN, JOEL	2.50	271.73	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/05/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/06/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/07/2021	BROWN, JOEL	6.00	652.14	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/08/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/11/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/12/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/13/2021	BROWN, JOEL	2.50	271.73	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/14/2021	BROWN, JOEL	6.00	652.14	REGULAR	WRCCON	10000003309	ENG
984656	01/25/2021	01/15/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/19/2021	BROWN, JOEL	3.50	380.42	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/20/2021	BROWN, JOEL	5.00	543.45	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/21/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/22/2021	BROWN, JOEL	2.50	271.73	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/25/2021	BROWN, JOEL	3.00	326.07	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/26/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/27/2021	BROWN, JOEL	2.00	217.38	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/28/2021	BROWN, JOEL	5.50	597.80	REGULAR	WRCCON	10000003309	ENG
984656	01/29/2021	01/29/2021	BROWN, JOEL	1.00	108.69	REGULAR	WRCCON	10000003309	ENG
					\$ 6,956.19				
984664	01/05/2021	01/05/2021	CODE, JEFFREY	1.00	\$ 69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/06/2021	01/06/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/07/2021	01/07/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/08/2021	01/08/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/11/2021	01/11/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/12/2021	01/12/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/13/2021	01/13/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/14/2021	01/14/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/19/2021	01/19/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/22/2021	01/22/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/25/2021	01/25/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/26/2021	01/26/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/27/2021	01/27/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/28/2021	01/28/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
984664	01/29/2021	01/29/2021	CODE, JEFFREY	1.00	69.74	REGULAR	WRCCDM	10000003309	INS
					\$ 1,046.10				
984656	01/15/2021	01/12/2021	LOCKHART, SIDNEY	2.00	\$ 245.72	REGULAR	WRCADM	10000003309	ENG
984656	01/15/2021	01/15/2021	LOCKHART, SIDNEY	1.00	122.86	REGULAR	WRCADM	10000003309	ENG
984656	01/28/2021	01/26/2021	LOCKHART, SIDNEY	2.00	245.72	REGULAR	WRCADM	10000003309	ENG
984656	01/28/2021	01/29/2021	LOCKHART, SIDNEY	1.00	122.86	REGULAR	WRCADM	10000003309	ENG
					\$ 737.16				
984664	01/18/2021	01/18/2021	ROBERTS, PATRICK	10.00	\$ 654.50	HOLIDAY	WRCCDM	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	3.00	196.35	OVERTIME	WRCCDM	10000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	3.00	196.35	OVERTIME	WRCCDM	10000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	1.00	65.45	OVERTIME	WRCCDM	10000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	2.00	130.90	OVERTIME	WRCCDM	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	10000003309	INS

984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	8.00	461.68	REGULAR	WRCCDM	100000003309	INS
					\$ 11,978.97				
984664	01/08/2021	01/08/2021	ROBINSON, RYAN	2.00	\$ 126.90	REGULAR	WRCCDM	100000003309	INS
					\$ 126.90				
					\$ 20,845.32				



OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 01/02/2021 - 01/29/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	01/04/2021	12/21/2020	BROWN, JOEL	2.50	\$ 0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/04/2021	12/21/2020	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/04/2021	12/21/2020	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/04/2021	12/23/2020	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/04/2021	12/23/2020	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/04/2021	12/23/2020	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/04/2021	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/04/2021	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/04/2021	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/05/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/05/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/05/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/06/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/06/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/06/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/07/2021	BROWN, JOEL	6.00	14.04	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/07/2021	BROWN, JOEL	6.00	2.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/07/2021	BROWN, JOEL	6.00	1.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/08/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/08/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/08/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/11/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/11/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/11/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/12/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/12/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/12/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/13/2021	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/13/2021	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/13/2021	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/14/2021	BROWN, JOEL	6.00	14.04	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/14/2021	BROWN, JOEL	6.00	2.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/14/2021	BROWN, JOEL	6.00	1.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/25/2021	01/15/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/25/2021	01/15/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/25/2021	01/15/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/19/2021	BROWN, JOEL	3.50	8.19	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/19/2021	BROWN, JOEL	3.50	1.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/19/2021	BROWN, JOEL	3.50	0.88	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/20/2021	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/20/2021	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/20/2021	BROWN, JOEL	5.00	1.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/21/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/21/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/21/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/22/2021	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/22/2021	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/22/2021	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/25/2021	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/25/2021	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/25/2021	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/26/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/26/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/26/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/27/2021	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/27/2021	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/27/2021	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/28/2021	BROWN, JOEL	5.50	12.87	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/28/2021	BROWN, JOEL	5.50	2.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/28/2021	BROWN, JOEL	5.50	1.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	01/29/2021	01/29/2021	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000003309	ENG
984656	01/29/2021	01/29/2021	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	01/29/2021	01/29/2021	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	100000003309	ENG
					\$ 191.39				
984664	01/05/2021	01/05/2021	CODE, JEFFREY	1.00	\$ 0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	01/05/2021	01/05/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	01/05/2021	01/05/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/06/2021	01/06/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/06/2021	01/06/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000003309	INS

984664	01/06/2021	01/06/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/07/2021	01/07/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/07/2021	01/07/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/07/2021	01/07/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/08/2021	01/08/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/08/2021	01/08/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/08/2021	01/08/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/11/2021	01/11/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/11/2021	01/11/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/11/2021	01/11/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/12/2021	01/12/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/12/2021	01/12/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/12/2021	01/12/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/13/2021	01/13/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/13/2021	01/13/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/13/2021	01/13/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/14/2021	01/14/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/14/2021	01/14/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/14/2021	01/14/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/19/2021	01/19/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/19/2021	01/19/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/19/2021	01/19/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/22/2021	01/22/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/22/2021	01/22/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/22/2021	01/22/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/25/2021	01/25/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/25/2021	01/25/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/25/2021	01/25/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/26/2021	01/26/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/26/2021	01/26/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/26/2021	01/26/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/27/2021	01/27/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/27/2021	01/27/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/27/2021	01/27/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/28/2021	01/28/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/28/2021	01/28/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/28/2021	01/28/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
984664	01/29/2021	01/29/2021	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/29/2021	01/29/2021	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	INS
984664	01/29/2021	01/29/2021	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	INS
					\$ 126.45				
984656	01/15/2021	01/12/2021	LOCKHART, SIDNEY	2.00	\$ 0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/15/2021	01/12/2021	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/15/2021	01/12/2021	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/15/2021	01/12/2021	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/15/2021	01/15/2021	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/15/2021	01/15/2021	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/15/2021	01/15/2021	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/15/2021	01/15/2021	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/2021	01/26/2021	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/2021	01/26/2021	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/2021	01/26/2021	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/2021	01/26/2021	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/28/2021	01/29/2021	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/2021	01/29/2021	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/2021	01/29/2021	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/2021	01/29/2021	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	10000003309	ENG
					\$ 52.08				
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	8.00	\$ 45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/04/2021	01/04/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	10000003309	INS
984664	01/05/2021	01/05/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	10000003309	INS

984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	3.00	7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	3.00	1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/06/2021	01/06/2021	ROBERTS, PATRICK	3.00	17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/07/2021	01/07/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/08/2021	01/08/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/11/2021	01/11/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/13/2021	01/12/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	3.00	1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	3.00	7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	01/13/2021	01/13/2021	ROBERTS, PATRICK	3.00	17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/14/2021	01/14/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/15/2021	01/15/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/18/2021	01/18/2021	ROBERTS, PATRICK	10.00	4.00	ASSIGNED	Cell Phone	100000003309	INS
984664	01/18/2021	01/18/2021	ROBERTS, PATRICK	10.00	23.40	ASSIGNED	PC/Computer	100000003309	INS
984664	01/18/2021	01/18/2021	ROBERTS, PATRICK	10.00	56.90	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/20/2021	01/19/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/21/2021	01/20/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/22/2021	01/21/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	1.00	0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	1.00	2.34	ASSIGNED	PC/Computer	100000003309	INS

984664	01/22/2021	01/22/2021	ROBERTS, PATRICK	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/25/2021	01/25/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/28/2021	01/26/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/28/2021	01/27/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/28/2021	01/28/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/29/2021	01/29/2021	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
					\$ 1,694.43				
984664	01/08/2021	01/08/2021	ROBINSON, RYAN	2.00	\$ 0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	01/08/2021	01/08/2021	ROBINSON, RYAN	2.00	4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	01/08/2021	01/08/2021	ROBINSON, RYAN	2.00	11.38	ASSIGNED	3/4 Ton Pick-up	100000003309	INS
					\$ 16.86				
984664	01/08/2021	01/08/2021	CDM Leica TS15P R400	2.00	\$ 19.00	UNASSIGNED		100000003309	INS
					\$ 19.00				
					\$ 2,100.21				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>





**Candice S. Miller**

Public Works Commissioner  
Macomb County

COUNTY OF OAKLAND  
Oakland Co Treas-Cash Acct Bldg 12E  
1200 N Telegraph Rd  
PONTIAC, MI 48341

Invoice Date                      Invoice  
02/01/2021                      ARP210037

REF DATE	DESCRIPTION	AMOUNT
<b>Work Order:</b>	<b># WO20016      WO Descrip:</b> OMID Expenses/Revenue	
02/01/2021	Personnel Reimb. 10/1-12/30/20	14,721.32
<b>Work Order:</b>	<b># WO20016      WO Descrip:</b> OMID Expenses/Revenue	
02/01/2021	SCADA Maintenance	2,883.40
<b>Work Order:</b>	<b># WO20016      WO Descrip:</b> OMID Expenses/Revenue	
02/01/2021	Utility Reimbursement	2,402.21
<b>Charges</b>		20,006.93
<b>Amount Due</b>		<u>\$20,006.93</u>

Please direct inquiries about your account to:

Phone: (586) 469-5325 - Finance Department

Email: [bruce.manning@macombgov.org](mailto:bruce.manning@macombgov.org)

Please make checks payable to:

Macomb County Public Works

Please remit your payment to:

Public Works  
Finance Department  
21777 Dunham Road  
Clinton Township, MI 48036

Customer Number: V01091 AC: 32

Invoice Date: 02/01/2021

Invoice Number: ARP210037

Amount Due: \$20,006.93

Payment Terms: Due Upon Receipt

**ADDRESS:** 21777 Dunham Road, Clinton Township, MI 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

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



# Applied Science, Inc.

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

February 3, 2021

Project Invoice #24 (ASI Inv. #7783)

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 li# 41133 exp. 6/26/21 v#352  
(ASI Job No. 1815)

*Sid Lockhart*

Invoice Period: 12/27/20 - 1/30/21

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -

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

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 13,777.50
	Subconsultants:	
	NTH Consultants	\$ 39,063.21
	Metco Services	\$ 36,604.00
	FK Engineering:	\$ 2,126.25
	ASI Markup 5%:	\$ 3,889.67
	Total Due This Invoice:	\$ 95,460.63

Total Due This Invoice: \$ 95,460.63

Previous Amount Invoiced: \$ 1,818,576.10

Total Invoiced To-Date: \$ 1,914,036.73

Contract Task Total: \$ 4,198,380.00

Amount Remaining: \$ 2,284,343.27

84917 - 149015 - 730639 - 1-3309 engcon

HTB 2/8/21



LG Design is a Subsidiary of CH2M Hill Engineers

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

Invoice Contact:  
[Sandy.Pepper@Jacobs.com](mailto:Sandy.Pepper@Jacobs.com)

Remit to:

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

Invoice Date: 2/2/2021  
CH2M HILL Project No. 705773CH  
CH2M HILL Invoice No. 705773CH024  
Sequential Invoice Number: 25

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

This invoice includes labor and expenses for the period:  
From January 2, 2021 through January 29, 2021

Fund 84915 Dept 6010101  
Program 149015 Acct 730373  
Contract # 5456 Project 1-2708  
Chapter 21 Op Unit  
Approver

v#22147  
exp. 6/26/23  
li#41407

*JL R*

2/9/21

Authorized Amount: \$ 1,272,470.46  
Current Invoice: \$ 3,069.54  
Total Invoiced: \$ 1,155,489.31  
Percent Complete: 90.81%  
Remaining Budget: \$ 116,981.15

**Total Amount Due: \$ 3,069.54**

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 325,731.16	\$ 325,621.07	\$ -	\$ 325,621.07	99.97%	\$ 110.09
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 33,385.57	\$ 12,059.39	\$ 1,361.12	\$ 13,420.51	40.20%	\$ 19,965.06
9	PREPARE O&M MANUAL	\$ 26,718.00	\$ -	\$ -	\$ -	0.00%	\$ 26,718.00
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ -	\$ -	\$ -	0.00%	\$ 9,082.00
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ 1,004.08	\$ -	\$ 1,004.08	5.86%	\$ 16,124.92
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ 504.32	\$ -	\$ 504.32	5.14%	\$ 9,298.68
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ 518.19	\$ 690.92	\$ 1,209.11	7.59%	\$ 14,715.89
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 17,175.62	\$ 17,175.62	\$ -	\$ 17,175.62	100.00%	\$ -
SUB.METCO	ELECTRICAL ENGINEERING	\$ 74,194.50	\$ 74,194.50	\$ -	\$ 74,194.50	100.00%	\$ -
SUB.NTH	GEOTECH INVESTIGATION	\$ 255,382.15	\$ 254,364.65	\$ 1,017.50	\$ 255,382.15	100.00%	\$ -
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
<b>Subtotal:</b>		\$ 1,251,779.46	\$ 1,152,419.77	\$ 3,069.54	\$ 1,155,489.31	92.31%	\$ 96,290.15
<b>Allowance</b>		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
<b>Total:</b>		\$ 1,272,470.46	\$ 1,152,419.77	\$ 3,069.54	\$ 1,155,489.31	92.31%	\$ 116,981.15

**OUTSTANDING INVOICES:**

INVOICE DATE	INVOICE #	AMOUNT
1/7/2021	705773CH023	\$ 7,215.76
<b>Total:</b>		\$ 7,215.76
Current invoice		\$ 3,069.54
<b>TOTAL DUE:</b>		\$ 10,285.30

**Payment term: 30 calendar days (NET)**

FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

**Electronic payment details:**

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

# CLARK HILL

P.L.C.

ATTORNEYS AT LAW

212 East Grand River Avenue  
Lansing, Michigan 48906-4328  
Telephone (517) 318-3100  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1055842

Oakland-Macomb Interceptor Drain Drainage District January 13, 2021  
Attn: Kelsey Cooke Client: 58434  
c/o Oakland County Water Resources Commissioner Matter: 404547  
1 Public Works Drive  
Waterford, MI 48328

**84917 - 149015 - 731073 - 1-3308 - LEGAL - 5113 - v#2788 - li#39308 - exp. 5/15/21**

RE: Northeast Interceptor East Arm Improvements



2/7/21

FOR SERVICES RENDERED through December 31, 2020

Total Services: \$1,350.00

STATEMENT TOTAL \$1,350.00

PAYABLE UPON RECEIPT IN U.S. DOLLARS

# CLARK HILL

P.L.C.

A T T O R N E Y S   A T   L A W

151 S. Old Woodward Avenue, Suite 200  
Birmingham, Michigan 48009  
Telephone (248) 642-9692  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1056907

Oakland-Macomb Interceptor Drain Drainage District January 15, 2021  
Attn: Kelsey Cooke Client: 58434  
c/o Oakland County Water Resources Commissioner Matter: 316432  
1 Public Works Drive  
Waterford, MI 48328

=====

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

FOR SERVICES RENDERED through December 31, 2020

Total Services: \$1,728.00

INVOICE TOTAL \$1,728.00

TOTAL AMOUNT DUE \$1,728.00


=====

Fund 84917 Dept 6010101

Program 149015 Acct 731073

Contract # 5113 Project 1-3308

Chapter 21 Op Unit \_\_\_\_\_

Approver \_\_\_\_\_ 



2/7/21

PAYABLE UPON RECEIPT IN U.S. DOLLARS

MK 1/20/21



INVOICE DATE: JANUARY 19, 2021  
 INVOICE NO.: 1546108

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

ATTN: Steve Korth

**82912 - 155010 - 731073 - 5089 - Ch21 v#4978 exp. 4/30/22**

CLIENT/MATTER NO.: 012840-00418

*Steve Korth*

January 22, 2021

RE: GATE OPERATION - MID

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH DECEMBER 31, 2020

USD

TOTAL FEES CURRENT INVOICE ..... \$ 525.00

**TOTAL CURRENT INVOICE ..... \$ 525.00**OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JANUARY 19, 2021

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1537024	12/13/20	70.00	(0.00)	70.00

TOTAL OUTSTANDING FROM PRIOR INVOICES ..... \$ 70.00

**TOTAL AMOUNT DUE ..... \$ 595.00****MK 1/21/21**

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

INVOICE DATE: JANUARY 19, 2021  
 INVOICE NO.: 1546112

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

**82912 - 149997 - 731073 - 5089 - 1-3020 - Ch. 21 v# 4978 exp. 4/20/22**

ATTN: JOHN BASCH

CLIENT/MATTER NO.: 012840-00424



January 22, 2021

RE: REVISION OF OAKLAND COUNTY PURCHASE ORDER FOR MISCELLANEOUS WORK

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH DECEMBER 31, 2020

USD

TOTAL FEES CURRENT INVOICE ..... \$ 3,255.00

**TOTAL CURRENT INVOICE ..... \$ 3,255.00**OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JANUARY 19, 2021

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1537008	12/13/20	1,085.00	(0.00)	1,085.00

TOTAL OUTSTANDING FROM PRIOR INVOICES ..... \$ 1,085.00

**TOTAL AMOUNT DUE ..... \$ 4,340.00**

MK 1/21/21

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

INVOICE DATE: JANUARY 19, 2021  
 INVOICE NO.: 1546117

 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 - 149030 - 731073 - 5089 - Ch21 v#4978 exp. 4/30/22



2/7/21

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

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH DECEMBER 31, 2020

USD

TOTAL FEES CURRENT INVOICE ..... \$ 2,905.00

**TOTAL CURRENT INVOICE** ..... **\$ 2,905.00**OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JANUARY 19, 2021

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1537675	12/14/20	3,780.00	(0.00)	3,780.00

TOTAL OUTSTANDING FROM PRIOR INVOICES ..... \$ 3,780.00

**TOTAL AMOUNT DUE** ..... **\$ 6,685.00**

MK 1/21/21

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



Knowledgeable • Professional • Attentive • Likeable

23905 Freeway Park • Farmington Hills, MI 48335

Phone: 586.978.7200 • Fax: 586.978.2200

www.hesco-mi.com

Invoice No. 20211647

Date: 01/19/2021

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

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - li#42703

*JM*

*R*

2/7/21

Project: S2019807S OMID Flow Control Structures

**Contact:** Terry Moore

**P.O.#** Sewer Fund #149130 **Salesperson:** David Burkel

**Due Date:** 02/18/2021

Description	Qty	Rate	Amount
OMID Flow Control Structure Maintenance and Repair Contract Sewer Fund #149130			
NEPS #2 and #4 Maintenance and LOTO meeting at CS-8 on 7/2/20			
Senior Tech:	9.500	185.00	1,757.50
Tech 1:	8.500	120.00	1,020.00
Pressure Filter:	1.000	60.00	60.00
Return Filter:	1.000	17.25	17.25
CS-6/CS-7/ CS-8 Preventative Maintenance on 7/10/20			
Senior Tech:	8.500	185.00	1,572.50
Tech 1:	7.500	120.00	900.00
Pressure Filter:	3.000	60.00	180.00
Return Filter:	3.000	17.25	51.75
Nitrogen Charge:	3.000	127.00	381.00
CS-5 Preventative Maintenance and CS-7/CS-8 Pressure Gauge Change on 7/13/20			
Senior Tech:	6.000	185.00	1,110.00
Tech 1:	5.000	120.00	600.00
Pressure Filter:	1.000	60.00	60.00
Return Filter:	1.000	17.25	17.25
Nitrogen Charge:	1.000	127.00	127.00
Pressure Gauge:	2.000	65.00	130.00
CS-6 Troubleshooting Pump Station Gate 8/20/20			
Senior Tech:	4.000	185.00	740.00
CS-5 Position Indicator Replacement on 10/7/20			
Senior Tech:	10.500	185.00	1,942.50

**We have moved!**

Please update your records to reflect our new address  
23905 Freeway Park Drive  
Farmington Hills, MI 48335

Non-Taxable Amount:	15,458.75
Taxable Amount:	0.00
Sales Tax:	0.00
<b>Amount Due</b>	<b>15,458.75</b>



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

Invoice Date: 11/5/2020  
Jacobs Project Number: 697317CH  
Sequential Invoice Number: 26  
Jacobs Invoice Number: 697317CH026

v#22147 - exp. 6/26/23 - li#41407

# INVOICE

## OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period  
From October 03, 2020 through October 30, 2020

Authorized Amount	\$	531,447.00
Current Invoice	\$	8,271.96
Total Invoiced to Date	\$	495,884.40
Remaining Budget	\$	35,562.60

Fund 84914 Dept 6010101  
Program 149090 Acct 730639  
Contract # 5456 Project 1-2892  
Chapter 21 Op Unit std  
Approver \_\_\_\_\_

Total Amount Due	\$	8,271.96
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## STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95	07/16/2020	\$24,631.95	\$0.00
07/08/2020	697317CH022	22	\$22,988.97	09/26/2020	\$22,988.97	\$0.00
08/04/2020	697317CH023	23	\$6,484.91	09/26/2020	\$6,484.91	\$0.00
08/31/2020	697317CH024	24	\$11,920.40	09/26/2020	\$11,920.40	\$0.00
10/09/2020	697317CH025	25	\$19,230.12	11/05/2020	\$19,230.12	\$0.00
TOTAL OUTSTANDING AMOUNT						<u>\$0.00</u>

Payment terms: 30 NET

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

### Electronic payment details:

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

### Checks payable to:

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





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

Invoice Date: 2/2/2021  
Jacobs Project Number: 697317CH  
Sequential Invoice Number: 29  
Jacobs Invoice Number: 697317CH029

v# 22147  
exp. 6/26/23  
li# 41407

# INVOICE

## OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period  
From January 2, 2021 through January 29, 2021

84914.6010101.149090.730639.1-2892 for \$6,001.97  
82912.6010101.149090.730639 for \$2,894.40

Authorized Amount	\$	531,447.00
Current Invoice	\$	8,896.37
Total Invoiced to Date	\$	518,222.47
Remaining Budget	\$	13,224.53

2/9/21

Total Amount Due	\$	8,896.37
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## STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95	07/16/2020	\$24,631.95	\$0.00
07/08/2020	697317CH022	22	\$22,988.97	09/26/2020	\$22,988.97	\$0.00
08/04/2020	697317CH023	23	\$6,484.91	09/26/2020	\$6,484.91	\$0.00
08/31/2020	697317CH024	24	\$11,920.40	09/26/2020	\$11,920.40	\$0.00
10/09/2020	697317CH025	25	\$19,230.12	11/05/2020	\$19,230.12	\$0.00
11/05/2020	697317CH026	26	\$8,271.96			\$8,271.96
12/07/2020	697317CH027	27	\$4,987.01	01/14/2021	\$4,987.01	\$0.00
01/12/2021	697317CH028	28	\$8,454.69			\$8,454.69
TOTAL OUTSTANDING AMOUNT						<u>\$16,726.65</u>

Payment terms: 30 NET

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

### Electronic payment details:

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

### Checks payable to:

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



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
9/23/2020	620797	1 of 1

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

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

T  
O

*TM* 1-21-21

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

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

0.00	7.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 09/22/20. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$770.00
0.00	0.50	TRAVEL	SERVICE VEHICLE	\$66.00	\$33.00

Fund 82912 Dept 6010101

v#239  
exp. 6/30/22

Program 149090 Acct 730660

Contract # 5825 Project \_\_\_\_\_

Chapter 21 Op Unit \_\_\_\_\_

Approver \_\_\_\_\_



*JL Bm*

2/7/21

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

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at [www.kennedyind.com](http://www.kennedyind.com) which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

**\*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE**  
**\*A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**  
**\*CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$803.00

TAX: \$0.00

TOTAL: \$803.00

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

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



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
11/2/2020	621708	1 of 1

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

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

*TM* 1-21-21

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

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

0.00	11.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 10/30/20. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,210.00
0.00	0.50	TRAVEL	SERVICE VEHICLE	\$66.00	\$33.00
	1.00	PARTS	PARTS USED ONSITE (1) 55 GAL DRUM OF OIL	\$1,180.82	\$1,180.82

Fund 82912 Dept 6010101

Program 149090 Acct 730660

Contract # 5825 Project \_\_\_\_\_

Chapter 21 Op Unit \_\_\_\_\_

Approver \_\_\_\_\_

v#239  
exp. 6/30/22



*JL R*

2/7/21

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

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at [www.kennedyind.com](http://www.kennedyind.com) which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

**\*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE**  
**\*A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**  
**\*CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$2,423.82

TAX: \$0.00

TOTAL: \$2,423.82

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)**



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
1/13/2021	622843	1 of 1

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

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

ATTENTION:

TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE
		0108776	GREAT LAKES WATER AUTHORITY, NEPS, #5, ALLIS CHALMERS, BEARING, SANITARY	KES/SPM	FIELD SERVICE
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	22.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 01/09/21@ SATURDAY RATES. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$144.00	\$3,240.00
0.00	1.00	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00

*TM* 1-14-21  
(Saturday rates approved per OMID)

Fund 82912 Dept 6010101  
Program 149090 Acct 730660  
Contract # 5825 Project \_\_\_\_\_  
Chapter 21 Op Unit \_\_\_\_\_  
Approver \_\_\_\_\_

v#239  
exp. 6/30/22



*John R.*

2/7/21

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

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**\*CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$3,273.00  
TAX: \$0.00  
TOTAL: \$3,273.00

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

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



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
1/29/2021	623235	1 of 1

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

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

ATTENTION:

TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

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

0.00	5.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 01/28/21 PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$550.00
0.00	66.00	TRAVEL	SERVICE VEHICLE	\$0.50	\$33.00

Fund 82912 Dept 6010101  
Program 149090 Acct 730660  
Contract # 5825 Project \_\_\_\_\_  
Chapter 21 Op Unit \_\_\_\_\_  
Approver \_\_\_\_\_

exp. 6/30/22  
v#239

*TM* 1-29-21

*JL R* 2/7/21

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

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at [www.kennedyind.com](http://www.kennedyind.com) which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

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**\*A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**  
**\*CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$583.00  
TAX: \$0.00  
TOTAL: \$583.00

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

**www.KennedyInd.com**





# MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

*John R.*

2/7/21

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	12/30/2020	2/3/2021	93454

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	\$924.00	-	\$924.00	\$924.00	-	-
Totals:		\$924.00		\$924.00	\$924.00		
Less Retained:				-			
Invoice Total:				\$924.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

*TM* 2-3-21

WORK PERFORMED 12/28 & 12/30/2021

complete electrical construction

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



# MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/5/2021	2/3/2021	93455

SID LOCKHART

*Jal R* 2/7/21

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$385.00	-	\$385.00	\$385.00	-	-
Totals:		\$385.00		\$385.00	\$385.00		
Less Retained:				-			
Invoice Total:				\$385.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 1/5/2021

*TM* 2-3-21

complete electrical construction

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



# MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/8/2021	2/3/2021	93456

SID LOCKHART

*John R.*

2/7/21

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$192.50	-	\$192.50	\$192.50	-	-
Totals:		\$192.50		\$192.50	\$192.50		
Less Retained:				-			
Invoice Total:				\$192.50			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

*TM* 2-3-21

WORK PERFORMED 1/8/2021

complete electrical construction

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



# MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/11/2021	2/3/2021	93457

SID LOCKHART

2/7/21

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$116.65	-	\$116.65	\$116.65	-	-
Totals:		\$116.65		\$116.65	\$116.65		
Less Retained:				-			
Invoice Total:				\$116.65			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 1/11/2021

TM 2-3-21

complete electrical construction

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



# MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/14/2021	2/3/2021	93458

SID LOCKHART

2/7/21

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

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 1/14.2021

TM 2-3-21

complete electrical construction

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



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

**82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/22/221	2/3/2021	93459

SID LOCKHART

2/7/21

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$231.00	-	\$231.00	\$231.00	-	-
<b>Totals:</b>		<b>\$231.00</b>		<b>\$231.00</b>	<b>\$231.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$231.00</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

2-3-21

WORK PERFORMED 1/22/2021

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."



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

INVOICE NO. 1811-25

DATE: February 3, 2021

METCO PROJECT NO. 1811

INVOICE PERIOD: thru 1/31/2021

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager

TITLE: OMID & NESPS Operation and Maintenance

**Operational Plan**

*Sid Lockhart*  
JTB 2/8/21

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

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	25.0	\$ 145.00	\$ 3,625.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
<b>Subtotal OMID Operations:</b>			<b>\$</b>	<b>3,625.00</b>

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

JTB 2/8/21

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	16.0	\$ 215.00	\$ 3,440.00
Terry Moore	Operations Manager	54.0	\$ 145.00	\$ 7,830.00
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 73.79	\$ 295.16
<b>Subtotal NEPS Operations</b>			<b>\$</b>	<b>11,565.16</b>
<b>Subtotal Operations</b>			<b>\$</b>	<b>15,190.16</b>

**Maintenance & Asset Management**

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

JTB 2/8/21

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	26.0	\$ 145.00	\$ 3,770.00
Anthony Voza	Staff Engineer	0.0	\$ 90.00	\$ -
<b>Subtotal OMID Maintenance:</b>			<b>\$</b>	<b>3,770.00</b>

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

JTB 2/8/21

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	14.0	\$ 215.00	\$ 3,010.00
Terry Moore	Operations Manager	54.0	\$ 145.00	\$ 7,830.00
Terry Moore	Operations Manager (Overtime)	24.0	\$ 195.00	\$ 4,680.00
Daniel Martel	Sr. Project Coordinator	0.0	\$ 145.00	\$ -
Sean Grant	Sr. Project Engineer	0.0	\$ 145.00	\$ -
Travis Ford	Sr. Project Engineer	4.0	\$ 145.00	\$ 580.00
Darrin Green	Staff Engineer	156.0	\$ 90.00	\$ 14,040.00
Darrin Green	Staff Engineer-(Overtime)	35.3	\$ 135.00	\$ 4,758.75
Anthony Voza	Staff Engineer	160.0	\$ 90.00	\$ 14,400.00
Anthony Voza	Staff Engineer-(Overtime)	38.0	\$ 135.00	\$ 5,130.00
Christian Hatchett	Staff Engineer	22.0	\$ 45.00	\$ 990.00
Brandon Brochue	Designer/Drafter	0.0	\$ 85.00	\$ -
<b>Subtotal:</b>			<b>\$</b>	<b>55,418.75</b>
<b>Maintenance Services (see attached invoices):</b>			<b>\$</b>	<b>1,010.99</b>

Subtotal NEPS Maintenance: \$ 56,429.74

Subtotal Maintenance: \$ 60,199.74

Task 6.0 NEXGEN Asset Management Implementation Services – Fund 82912, Program 149090, Account 730646

JTB 2/8/21

<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	1.0	\$ 145.00	\$ 145.00
Terry Moore	Operations Manager (Overtime)	0.0	\$ 195.00	\$ -
Sean Grant	Sr. Project Engineer	20.0	\$ 145.00	\$ 2,900.00
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	160.0	\$ 90.00	\$ 14,400.00
Brandon Brochue	Designer/Drafter	0.0	\$ 85.00	\$ -
			Subtotal 6.0:	\$ 17,445.00
			TOTAL AMOUNT DUE THIS INVOICE:	\$ 92,834.90



NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

# INVOICE

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

Invoice # : 2  
Project : 61-200186  
Invoice Group : \*\*  
Invoice Date : 2/4/2021

Attention: Sid Lockhart

For Professional Services Rendered from 12/26/2020 - 1/22/2021

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

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,265,847.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$2,483,315.00
	Percent Complete:	2.34%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	4,098.13	\$ 7,139.44
Overhead %	188.00 \$	7,704.48	13,422.15
Total Regular Labor Expense		11,802.61	20,561.59
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>11,802.61</b>	<b>20,561.59</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>1,416.31</b>	<b>2,467.39</b>
Direct Expenses Charge		0.00	37.56
Expense Multiplier %	5.00	0.00	1.88
Direct Subcontractor Charge		15,538.61	33,077.37
Subcontractor/Subconsultant Multiplier %	6.00	932.31	1,984.64
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>16,470.92</b>	<b>35,101.45</b>
<b>Total Costs:</b>		<b>29,689.84</b>	<b>58,130.43</b>
<b>Total Due This Invoice</b>		<b>\$ 29,689.84</b>	<b>\$ 58,130.42</b>

Fund 84917 Dept 6010101  
Program 149015 Acct 731444  
Contract # 2603 Project 1-3308  
Chapter 21 Op Unit \_\_\_\_\_  
Approver \_\_\_\_\_

v#4716  
li#24138  
exp. 12/31/21

JTB 2/8/21

*Sid Lockhart*

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

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

Payment for all invoices is expected as per contract terms. All retainers are held and applied to final invoice for a project. Checks will be issued for any amounts collected as retainers that exceed the final invoice. Call 248-553-6300 with questions.



**NTH Consultants, Ltd.**

Infrastructure Engineering and  
Environmental Services

**INVOICE**

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

Invoice # : 4  
Project : 61-200280  
Invoice Group : CMT  
Invoice Date : 2/4/2021

Attention: Sid Lockhart

For Professional Services Rendered from 12/26/2020 - 1/22/2021

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

Task 01	CMT Services	<u>\$130,138.00</u>
	Preliminary Budget Amount	<u>\$130,138.00</u>
	Percent Complete:	16.26%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,194.24	\$ 4,829.32
Overhead %	188.00	\$ 2,245.17	9,079.12
Total Regular Labor Expense		3,439.41	13,908.44
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>3,439.41</b>	<b>13,908.44</b>
<b>Profit / Fixed Fee %</b>	<b>12.00</b>	<b>412.73</b>	<b>1,669.01</b>
Direct Expenses Charge		846.67	5,321.91
Expense Multiplier %	5.00	42.33	266.09
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>889.00</b>	<b>5,588.00</b>
<b>Total Costs:</b>		<b>4,741.14</b>	<b>21,165.45</b>
<b>Total Due This Invoice</b>		<b>\$ 4,741.14</b>	<b>\$ 21,165.45</b>

Fund 84917 Dept 6010101  
Program 149015 Acct 731458  
Contract # 2603 Project 1-3309  
Chapter 21 Op Unit engcon  
Approver \_\_\_\_\_

**v#4716**  
**li#24138**  
**exp. 12/31/21**

*JL R*

2/8/21

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

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

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NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

INVOICE

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

Invoice # : 7  
Project : 61-200209  
Invoice Group : HSM/CSE  
Invoice Date : 2/4/2021

Attention: Sid Lockhart

For Professional Services Rendered from 12/26/2020 - 1/22/2021

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

Task 01	Health and Safety Manual	\$33,428.00
Task 02	Crane Support Evaluation	\$14,359.00
	Preliminary Budget Amount	\$47,787.00
	Percent Complete:	59.95%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 175.01	\$ 6,822.62
Overhead %	188.00	\$ 329.02	12,826.53
Total Regular Labor Expense		504.03	19,649.15
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>504.03</b>	<b>19,649.15</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>60.48</b>	<b>2,357.89</b>
Direct Expenses Charge		0.00	3,194.86
Expense Multiplier %	5.00	0.00	159.75
Direct Subcontractor Charge		0.00	3,100.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	186.00
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>0.00</b>	<b>6,640.61</b>
<b>Total Costs:</b>		<b>564.51</b>	<b>28,647.65</b>
<b>Total Due This Invoice</b>		<b>\$ 564.51</b>	<b>\$ 28,647.65</b>

Fund 82912 Dept 6010101  
Program 149662 Acct 731906  
Contract # 2603 Project 1-2842  
Chapter 21 Op Unit std  
Approver \_\_\_\_\_

v#4716  
li#24138  
exp. 12/31/21

2/8/21

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459  
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NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

# INVOICE

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

Invoice # : 20  
Project : 61-190078  
Invoice Group : NI-EA  
Invoice Date : 2/4/2021

Attention: Sid Lockhart

For Professional Services Rendered from 12/26/2020 to 1/22/2021

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

v#4716  
li#24138  
exp. 12/31/21

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

Fund 84917 Dept 6010101  
Program 149015 Acct 730639  
Contract # 2603 Project 1-3308  
Chapter 21 Op Unit \_\_\_\_\_  
Approver \_\_\_\_\_



JTB 2/8/21

*Sid Lockhart*

Preliminary Budget Amount \$2,273,833.00  
Percent Complete: 74.97%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 3,300.00	\$ 247,655.53
Overhead %	188.00	6,204.00	465,592.42
Total Regular Labor Expense		9,504.00	713,247.95
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>9,504.00</b>	<b>713,247.95</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>1,140.48</b>	<b>85,589.75</b>
Direct Expenses Charge		48.57	26,806.83
Expense Multiplier %	5.00	2.43	1,340.39
Direct Subcontractor Charge		36,332.87	812,175.84
Subcontractor/Subconsultant Multiplier %	6.00	2,179.98	48,730.68
Direct Unit Rate Charge		0	0
<b>Total Other Direct Charges Reimbursables</b>		<b>38,563.85</b>	<b>889,053.74</b>
<b>Total Costs:</b>		<b>49,208.33</b>	<b>1,687,891.44</b>
<b>Total Due This Invoice</b>		<b>\$ 49,208.33</b>	<b>\$ 1,704,741.19</b>

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459  
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**NTH Consultants, Ltd.**

Infrastructure Engineering and  
Environmental Services

**INVOICE**

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

Invoice # : 24  
Project : 61-190044  
Invoice Group : REPAIRS  
Invoice Date : 2/4/2021

Attention: Sid Lockhart

For Professional Services Rendered from

12/26/2020 - 01/22/2021

OMID System Immediate Repairs

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

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)		\$ 3,684.39	\$ 33,586.48
Overhead %	188.00	6,926.65	63,142.57
Total Regular Labor Expense		10,611.04	96,729.05
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>10,611.04</b>	<b>96,729.05</b>
<b>Profit / Fixed Fee %</b>	<b>12.00</b>	<b>1,273.32</b>	<b>11,607.48</b>
Direct Expenses Charge		498.89	922.88
Expense Multiplier %	5.00	24.95	96.15
Direct Subcontractor Charge		7,820.37	37,740.05
Subcontractor/Subconsultant Multiplier %	5.00	391.02	1,887.05
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>8,735.23</b>	<b>40,646.13</b>
<b>Total Costs:</b>		<b>20,619.59</b>	<b>148,982.66</b>
<b>Total Due This Invoice</b>		<b>\$ 20,619.59</b>	<b>\$ 148,982.66</b>

Fund 82912 Dept 6010101

Program 149662 Acct 730639

Contract # 2603 Project 1-3015

Chapter 21 Op Unit engcon

Approver \_\_\_\_\_

**v#4716**  
**li#24138**  
**exp. 12/31/21**

*Evangelos Bantios*

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459  
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Oakland County Water Resources Commissioner  
Attn: Sid Lockhard, P.E.  
One Public Works Drive  
Building 95-West  
Waterford 48328

February 4, 2021

Invoice No: 03559.01 - 8

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

**Professional Services from January 1, 2021 to January 31, 2021**

**Professional Personnel**

	Hours	Rate	Amount	
Zann, John	29.00	94.00	2,726.00	
Totals	29.00		2,726.00	
<b>Total Labor</b>				<b>2,726.00</b>

**Additional Fees**

Overhead	149.10 % of 2,726.00	4,064.47	
Profit	10.00 % of 6,790.47	679.05	
<b>Total Additional Fees</b>		<b>4,743.52</b>	<b>4,743.52</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	7,469.52	52,544.16	60,013.68
Limit			450,000.00
Remaining			389,986.32

**Total this Invoice \$7,469.52**

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

Fund 84917 Dept 6010101

v# 16918  
exp. 6/20/22

Program 149015 Acct 731444

Contract # 5158 Project 1-3309

Chapter 21 Op Unit engcon

Approver \_\_\_\_\_ ☒

2/7/21



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

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	12/21/2020	2/1/2021	12389

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$31,521.10	-	\$31,521.10	\$31,521.10	-	-
	Totals:	\$31,521.10		\$31,521.10	\$31,521.10		
	Less Retained:			-			
	Invoice Total:			\$31,521.10			

SWITCHGEAR MAINTENANCE

TESTING SERVICES 2020

Fund 82912 Dept 6010101  
Program 149090 Acct 730660  
Contract # 5807 Project \_\_\_\_\_  
Chapter 21 Op Unit \_\_\_\_\_  
Approver \_\_\_\_\_



v#22125  
li#42614  
exp. 6/28/22

JTB 2/7/21

Sid Lockhart

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."

## **Agenda Item No. 12**

Other Business



## **Agenda Item No. 13**

Adjourn