

**NOTICE OF MEETINGS**  
**DRAINAGE BOARD FOR THE FOLLOWING DRAINS:**

1. Evergreen-Farmington Sanitary Sewer Drain
2. Acacia Park CSO Drain
3. Birmingham CSO Drain
4. Bloomfield Village CSO Drain
5. George W. Kuhn Drain
6. Clinton River Water Resource Recovery Facility
7. Joachim Relief Drain
8. Pontiac Clinton River No. 1 Drain
9. Augusta Drain
10. Henry Graham Drain
11. Fracassi Drain
12. Rummel Relief Drain
13. Northwest Oakland Sanitary Sewer Drain
14. Joseph Jones Drain

NOTICE IS HEREBY GIVEN THAT MEETINGS OF THE DRAINAGE BOARD FOR THE ABOVE-MENTIONED DRAINS WILL COMMENCE IN THE OAKLAND COUNTY PUBLIC WORKS BUILDING, ONE PUBLIC WORKS DRIVE, WATERFORD, MICHIGAN, AND VIA **MICROSOFT TEAMS** AT 2 P.M., ON **TUESDAY, OCTOBER 22, 2024**, TO CONDUCT NECESSARY AND APPROPRIATE BUSINESS OF THE DRAINAGE BOARDS. THOSE WHO WISH TO PARTICIPATE REMOTELY MAY FOLLOW THE INSTRUCTIONS ATTACHED TO THIS NOTICE. ALL BOARD MEMBERS WILL BE PARTICIPATING IN-PERSON.

DURING THE MEETING, THERE WILL BE AN AGENDA ITEM FOR PUBLIC COMMENT, DURING WHICH THE PUBLIC MAY PROVIDE INPUT OR ASK QUESTIONS OF THE BOARD. IN THE EVENT A MEMBER OF THE PUBLIC WOULD LIKE TO SUBMIT THEIR INPUT OR QUESTIONS TO BE READ AT THE MEETING BY THE BOARD CHAIRPERSON, PLEASE PROVIDE THE INPUT OR QUESTIONS IN WRITING TO STEPHANIE LAJDZIAK AT [LAJDZIAKS@OAKGOV.COM](mailto:LAJDZIAKS@OAKGOV.COM). PERSONS WITH DISABILITIES WHO NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT STEPHANIE LAJDZIAK AT [LAJDZIAKS@OAKGOV.COM](mailto:LAJDZIAKS@OAKGOV.COM).

JIM NASH  
Oakland County Water Resources Commissioner  
Telephone: 248-858-0958

Posted by: October 16, 2024

# Microsoft Teams meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 291 867 815 067

Passcode: WPTbkA

[Download Teams](#) | [Join on the web](#)

**Or call in (audio only)**

[+1 248-333-6396,,831638427#](#) United States, Pontiac

Phone Conference ID: 831 638 427#

[Find a local number](#) | [Reset PIN](#)



[Learn More](#) | [Help](#) | [Meeting options](#)

---

## **1. Evergreen-Farmington Sanitary Drain**

## **AGENDA**

### **MEETING OF THE DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN CONSOLIDATION PROJECT**

October 22, 2024

1. Call meeting to order.
2. Approve minutes of meeting of September 24, 2024.
3. Offer and file proofs of publication and of mailing of notice of hearing on necessity.
4. Open the hearing on necessity.
5. Ask for any written objections.
6. Ask for comments or objections from those present.
7. Close the hearing.
8. Adopt resolution approving petition and drain project and directing issuance of Final Order of Determination.
9. Chairperson executes Final Order of Determination and presents it to Board.
10. Adopt resolution to accept and file Final Order of Determination.
11. Present Memorandum from Evans Bantios, P.E., Project Engineer, dated October 22, 2024, requesting the Board approve the revised project budget for the Walnut Lake No. 3 Pump Station Rehabilitation Project by \$25,000 for a not to exceed amount of \$1,756,000
12. Present Change Order No. 2 (Final) for Lawrence M. Clarke, Inc. for Construction of the Walnut Lake No. 3 Pump Station Rehabilitation for a net increase in the amount of \$75,862.68
13. Present Change Order No. 3 for Dan's Excavating, Inc. for the 8 Mile Road Corrective Action Plan Phase 2 – 8 Mile Pump Station for a net increase in the amount of \$176,374.45
14. Present Change Order No. 3 for Midwest Power Systems, Inc. for Construction of the Lathrup Village Sanitary Retention Tank Improvements for a net increase in the amount of \$61,469.05



15. Present Final Construction Estimate for Lawrence M. Clarke, Inc. for Construction of the Walnut No. 3 Pump Station Rehabilitation in the amount of \$98,912.68 with a reserve payment to the contractor in the amount of \$63,313.01
16. Present Construction Estimate No. 2 for Lawrence M. Clarke, Inc. for Construction of the I-696 Pump Station Rehabilitation in the amount of \$72,000 with a transfer to the Oakland County Treasurer in the amount of \$8,000
17. Present Construction Estimate No. 9 for Midwest Power Systems for Construction of the Lathrup SRT in the amount of \$127,484.59 with a transfer to the Oakland County Treasurer in the amount of \$3,073.45
18. Present Construction Estimate No. 31 for Walsh Construction Company II, LLC for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,021,479.14
19. Present Construction Estimate No. 13 for Dan's Excavating for Construction of the 8 Mile Road Corrective Action Plan Phase 2 in the amount of \$217,697.39 with a transfer to the Oakland County Treasurer in the amount of \$8,818.72
20. Present request for Board approval of payment of invoices from the Evergreen Farmington Sanitary Drain from the Maintenance Fund in the amount of \$278,146.43
21. Present request for Board approval of payment of invoices from the Evergreen Farmington Sanitary Drain from the Construction Fund in the amount of \$13,710.70
22. Approve pro rata payment to Drainage Board members.
23. Other business
24. Adjourn.

**DRAINAGE BOARD FOR THE  
EVERGREEN-FARMINGTON SANITARY DRAIN  
FIRST MEETING FOR NEW DRAIN PROJECT**

September 24, 2024

The first meeting of the Drainage Board for the hereinafter mentioned Oakland County, Michigan drain project was held at the office of the Oakland County Water Resources Commissioner, Waterford, Michigan, on September 24, 2024.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

The meeting was called to order by the Chairperson.

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
              Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

The Chairperson presented to the Drainage Board the petitions referred to in the following resolution, attached to which petitions was a certified copy of each resolution of the respective governing body of the public corporation signing the same, authorizing the execution of the respective petition. The Chairperson stated that the petitions with the attached resolutions were filed in his office on September 12, 2024, by the City of Farmington Hills and on September 13, 2024, by the City of Southfield. After examination and consideration of the petitions, by unanimous consent, they were ordered filed with the Chairperson.

The following resolution was offered by Markham and seconded by Nash:

BE IT RESOLVED BY THE DRAINAGE BOARD FOR THE HEREINAFTER  
MENTIONED OAKLAND COUNTY, MICHIGAN DRAIN PROJECT, as follows:

1. That this Drainage Board has considered the petitions and attached resolutions filed with the Oakland County Water Resources Commissioner on September 12, 2024, by the City of Farmington Hills and on September 13, 2024 by the City of Southfield, which petitions are as follows:

[Remainder of page intentionally left blank]

2. That this Drainage Board determines that the sanitary wastewater to be carried by the proposed drain project originates in the County of Oakland only; and that the drain project is necessary for the public health.

3. That this Drainage Board tentatively determines that the petitions are sufficient; that the drain project proposed therein is practical; and that the following public corporations be assessed to pay the cost of the project to wit:

City of Auburn Hills  
Village of Beverly Hills  
Village of Bingham Farms  
City of Birmingham  
Charter Township of Bloomfield  
City of Bloomfield Hills  
City of Farmington  
City of Farmington Hills  
Village of Franklin  
City of Keego Harbor  
City of Lathrup Village  
City of Orchard Lake Village  
City of Southfield  
City of Troy  
Charter Township of West Bloomfield

4. That the name “EVERGREEN-FARMINGTON SANITARY DRAIN CONSOLIDATION PROJECT” is hereby given to the drain project and the name “EVERGREEN-FARMINGTON SANITARY DRAIN DRAINAGE DISTRICT” is confirmed as the drainage district therefor.

5. That this Drainage District shall meet on the 22<sup>nd</sup> day of October, 2024, at 2:00 p.m., prevailing Eastern Time at the Office of the Oakland County Water Resources Commissioner, Waterford, Michigan, for the purpose of hearing any objections to the aforementioned drain project, to the petitions therefor, and to the matter of assessing the cost of the drain project to the public corporations above named; that following said hearing this Drainage

Board may issue a Final Order of Determination with respect to the practicability of the aforementioned drain project, the petitions therefor and the matter of assessing the cost of the drain project to the public corporations above named, and that, pursuant to Act 40, Public Acts of Michigan, 1956, as amended (the “Drain Code”), once a Final Order of Determination is issued, no public corporation may be eliminated from or added to those tentatively determined to be assessed, without a rehearing after notice.

6. That a notice of said meeting shall be prepared which notice shall contain the information required by the Drain Code and shall be published twice in The Oakland Press, a newspaper published in the County of Oakland, State of Michigan, the first publication to be not less than twenty (20) days prior to the time of the hearing.

7. That the notice shall be sent by registered or certified mail to the Clerk of each of the City of Auburn Hills, Village of Beverly Hills, Village of Bingham Farms, City of Birmingham, Charter Township of Bloomfield, City of Bloomfield Hills, City of Farmington, City of Farmington Hills, Village of Franklin, City of Keego Harbor, City of Lathrup Village, City of Orchard Lake Village, City of Southfield, City of Troy and Charter Township of West Bloomfield, which mailing shall be made not less than twenty (20) days prior to the time of the hearing.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Markham and supported by Nash that the following be appointed to act in the following capacities in connection with the proposed drain project:

Municipal Financial Consultants, Inc., as registered municipal advisor.  
Dickinson Wright PLLC, Troy, Michigan, as bond counsel.

ADOPTED: Yeas - 2  
Nays - 0

A memorandum from Lawrence Young, Civil Engineer II, dated September 24, 2024, requesting the Board authorize the purchase of seven ADS ECHO Level Sensors in the amount

of \$2,995 per meter for a total of \$20,965 was presented. It was moved by Markham, supported by Nash, to authorize the purchase of seven ADS ECHO Level Sensors in the amount of \$2,995 per meter for a total of \$20,965 as presented.

ADOPTED: Yeas - 2  
Nays - 0

A memorandum from Carrie Cox, Special Projects Manager, dated September 24, 2024, requesting the Board authorize staff to confirm the Drainage District's intent to utilize the State of Michigan's Clean Water State Revolving Fund for the Walnut Lake Pump Station No. 1 Corrective Action Plan Improvement Project was presented. It was moved by Markham, supported by Nash, to authorize staff to confirm the Drainage District's intent to utilize the State of Michigan's Clean Water State Revolving Fund for the Walnut Lake Pump Station No. 1 Corrective Action Plan Improvement Project as presented.

ADOPTED: Yeas - 2  
Nays - 0

A memorandum from Scott Schultz, E.I.T, Project Engineer, dated September 24, 2024, requesting the Board to award the Southfield Sewer Lining project to SAK Construction. LLC and authorize the Chairperson to sign the agreement for the Southfield Sewer Lining project between the Drainage District and SAK Construction, LLC in the amount of \$7,387,461.00 and approve the updated project cost estimate in the amount of \$9,188,000 was presented. It was moved by Markham, supported by Nash, to award the Southfield Sewer Lining project to SAK Construction. LLC and authorize the Chairperson to sign the agreement for the Southfield Sewer Lining project between the Drainage District and SAK Construction, LLC in the amount of \$7,387,461.00 and approve the updated project cost estimate in the amount of \$9,188,000 as presented.

ADOPTED: Yeas - 2  
Nays - 0

Construction Estimate No. 30 for Walsh Construction Company II, LLC for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,299,533.54 with a transfer to the Oakland County Treasurer in the amount of \$16,229.17 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 30 for Walsh Construction Company II, LLC for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,299,533.54 with a transfer to the Oakland County Treasurer in the amount of \$16,229.17 as presented.

ADOPTED: Yeas - 2  
Nays - 0

Construction Estimate No. 12 for Dan's Excavating for Construction of the 8 Mile Road Corrective Action Plan – Phase 2 in the amount of \$458,133.63 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 12 for Dan's Excavating for Construction of the 8 Mile Road Corrective Action Plan – Phase 2 in the amount of \$458,133.63 as presented.

ADOPTED: Yeas - 2  
Nays - 0

A request for approval of payment of invoices from the Evergreen Farmington Sanitary Drain from the Maintenance Fund in the amount of \$74,728.79 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices from the Evergreen Farmington Sanitary Drain from the Maintenance Fund in the amount of \$74,728.79 as presented.

ADOPTED: Yeas - 2  
Nays - 0

A request for approval of payment of invoices from the Evergreen Farmington Sanitary Drain from the Construction Fund in the amount of \$102,960.22 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices from the Evergreen Farmington Sanitary Drain from the Maintenance Fund in the amount of \$102,960.22 as presented.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2  
Nays - 0

Upon motion by Markham, seconded by Nash, and unanimously adopted, the meeting was adjourned.

---

Jim Nash, Chairperson

September 24, 2024

STATE OF MICHIGAN     )  
                                      )SS  
COUNTY OF OAKLAND    )

I hereby certify that the foregoing is a true and complete copy of the minutes of a meeting of the Drainage Board for the Evergreen-Farmington Sanitary Drain Consolidation Project, Oakland County, Michigan, held on September 24, 2024, and that the minutes are on file in the offices of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that notice of the meeting was given in accordance with the Open Meetings Act.

---

Chairperson of the Drainage Board

Dated: September 24, 2024

4857-8717-5140 v1 [12840-447]



AFFIDAVIT OF MAILING NOTICE OF HEARING

**RE: PETITIONS TO LOCATE, ESTABLISH AND CONSTRUCT AN INTRA-COUNTY DRAIN PROJECT IN THE CITY OF AUBURN HILLS, VILLAGE OF BEVERLY HILLS, VILLAGE OF BINGHAM FARMS, CITY OF BIRMINGHAM, CHARTER TOWNSHIP OF BLOOMFIELD, CITY OF BLOOMFIELD HILLS, CITY OF FARMINGTON, CITY OF FARMINGTON HILLS, VILLAGE OF FRANKLIN, CITY OF KEEGO HARBOR, CITY OF LATHRUP VILLAGE, CITY OF ORCHARD LAKE VILLAGE, CITY OF SOUTHFIELD, CITY OF TROY, CHARTER TOWNSHIP OF WEST BLOOMFIELD, OAKLAND COUNTY, MICHIGAN**

STATE OF MICHIGAN     )  
  )ss  
COUNTY OF OAKLAND    )

Stephanie Lajdziak, of the office of the Oakland County Water Resources Commissioner, of the County and State aforesaid, being duly sworn, deposes and says that on September 24, 2024, by United States certified mail, return receipt requested, she mailed (at least 20 days before the hearing described) a copy of the attached Notice of Hearing Re: Petitions to locate, establish and construct an intra-county drain project in the above-described communities with respect to the hearing to be held on October 22, 2024 to the following persons:

- SEE ATTACHED SERVICE LIST

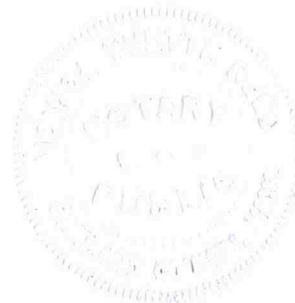
*Stephanie Lajdziak*

\_\_\_\_\_  
Stephanie Lajdziak

Subscribed and sworn to before me  
this 18<sup>th</sup> day of October 2024

*Monica R O*  
\_\_\_\_\_  
NOTARY PUBLIC, Oakland County, Michigan

MONICA REED  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF OAKLAND  
MY COMMISSION EXPIRES May 16, 2030  
ACTING IN COUNTY OF *Oakland*



1. City of Auburn Hills  
Attn: Laura Pierce, City Clerk  
1827 N. Squirrel Road  
Auburn Hills, MI 48326  
*Article no.: 7018 2290 0002 1421 0946*
2. Village of Beverly Hills  
Attn: Kristin Rutkowski, Village Clerk  
18500 W 13 Mile Road  
Beverly Hills, MI 48025  
*Article no.: 7018 2290 0002 1421 0953*
3. Village of Bigham Farms  
Attn: Ken Marten, Village Clerk  
24255 Thirteen Mile Road  
Suite 190  
Bingham Farms, MI 48025  
*Article no.: 7018 2290 0002 1421 0960*
4. City of Birmingham  
Attn: Alexandria Bingham, City Clerk  
151 Martin Street  
Birmingham, MI 48009  
*Article no.: 7018 2290 0002 1421 0977*
5. Charter Township of Bloomfield  
Attn: Martin Brook, Township Clerk  
4200 Telegraph Road  
P.O. Box 489  
Bloomfield Township, MI 48303  
*Article no.: 7018 2290 0002 1421 0984*
6. City of Bloomfield Hills  
Attn: Amy Burton, City Clerk  
45 E Long Lake Road  
Bloomfield Hills, MI 48304  
*Article no.: 7018 2290 0002 1421 0991*
7. City of Farmington  
Attn: Meaghan Bachman, City Clerk  
23600 Liberty St.  
Farmington, MI 48335  
*Article no.: 7018 2290 0002 1421 1004*
8. City of Farmington Hills  
Attn: Carly Lindahl, City Clerk

31555 W. Eleven Mile Road  
Farmington Hills, MI 48336  
*Article no.: 7018 2290 0002 1421 1011*

9. Village of Franklin  
Attn: Dana Hughes, Village Clerk  
32325 Franklin Rd.  
Franklin, MI 48025  
*Article no.: 7018 2290 0002 1421 1028*
10. City of Keego Harbor  
Attn: Tammy Neeb, City Clerk  
2025 Beechmont St.  
Keego Harbor, MI 48320  
*Article no.: 7018 2290 0002 1421 1035*
11. City of Lathrup Village  
Attn: Alisa Emanuel, City Clerk  
27400 Southfield Road  
Lathrup Village, MI 48076  
*Article no.: 7018 2290 0002 1421 1042*
12. City of Orchard Lake Village  
Attn: Rhonda McClellan, City Clerk  
3955 Orchard Lake Road  
Orchard Lake, MI 48323  
*Article no.: 7018 2290 0002 1421 1059*
13. City of Southfield  
Attn: Janet Jackson, City Clerk  
26000 Evergreen Road  
P.O. Box 2055  
Southfield, MI 48037  
*Article no.: 7018 2290 0002 1421 1066*
14. City of Troy  
Attn: Aileen Dickson, City Clerk  
500 W. Big Beaver Rd  
Troy, Michigan 48084  
*Article no.: 7018 2290 0002 1421 1073*
15. Charter Township of West Bloomfield  
Attn: Debbie Binder, Township Clerk  
4550 Walnut Lake Road  
West Bloomfield, MI 48323  
*Article no.: 7018 2290 0002 1421 1080*

CITY OF AUBURN HILLS, VILLAGE OF BEVERLY HILLS, VILLAGE OF BINGHAM FARMS, CITY OF BIRMINGHAM, CHARTER TOWNSHIP OF BLOOMFIELD, CITY OF BLOOMFIELD HILLS, CITY OF FARMINGTON, CITY OF FARMINGTON HILLS, VILLAGE OF FRANKLIN, CITY OF KEEGO HARBOR, CITY OF LATHRUP VILLAGE, CITY OF ORCHARD LAKE VILLAGE, CITY OF SOUTHFIELD, CITY OF TROY, CHARTER TOWNSHIP OF WEST BLOOMFIELD  
COUNTY OF OAKLAND

## NOTICE OF HEARING

RE: PETITIONS TO LOCATE, ESTABLISH AND CONSTRUCT AN INTRA-COUNTY DRAIN PROJECT IN THE CITY OF AUBURN HILLS, VILLAGE OF BEVERLY HILLS, VILLAGE OF BINGHAM FARMS, CITY OF BIRMINGHAM, CHARTER TOWNSHIP OF BLOOMFIELD, CITY OF BLOOMFIELD HILLS, CITY OF FARMINGTON, CITY OF FARMINGTON HILLS, VILLAGE OF FRANKLIN, CITY OF KEEGO HARBOR, CITY OF LATHRUP VILLAGE, CITY OF ORCHARD LAKE VILLAGE, CITY OF SOUTHFIELD, CITY OF TROY, CHARTER TOWNSHIP OF WEST BLOOMFIELD, OAKLAND COUNTY, MICHIGAN.

NOTICE IS HEREBY GIVEN, that pursuant to the provisions of Chapter 20 of Act No. 40 of the Public Acts of 1956, as amended, petitions were filed with the Water Resources Commissioner of Oakland County, Michigan, petitioning for the location, establishment and construction of an intra-county drain project consisting of extending the Evergreen-Farmington Sanitary Drain by adding a branch to said Drain known as the 10 Mile - Rouge Arm and conducting an assessment of pipe condition, including without limitation closed-circuit televising and cleaning of pipes, which Drain serves property located within the City of Auburn Hills, the Village of Beverly Hills, the Village of Bingham Farms, the City of Birmingham, the Charter Township of Bloomfield, the City of Bloomfield Hills, the City of Farmington, the City of Farmington Hills, the Village of Franklin, the City of Keego Harbor, the City of Lathrup Village, the City of Orchard Lake Village, the City of Southfield, the City of Troy and the Charter Township of West Bloomfield.

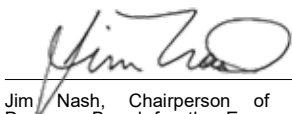
NOTICE IS FURTHER GIVEN, that the Drainage Board for the drain project has considered the petitions and has made a tentative determination that the petitions are sufficient and that the drain project is practical; has given the name "EVERGREEN-FARMINGTON SANITARY DRAIN EXTENSION" as the name of the drain project and the name "EVERGREEN-FARMINGTON SANITARY DRAIN DRAINAGE DISTRICT" is confirmed as the name of the drainage district therefor; and has made a tentative determination that the following public corporations should be assessed for the cost of the drain project, to wit:

City of Auburn Hills  
Village of Beverly Hills  
Village of Bingham Farms  
City of Birmingham  
Charter Township of Bloomfield  
City of Bloomfield Hills  
City of Farmington  
City of Farmington Hills  
Village of Franklin  
City of Keego Harbor  
City of Lathrup Village  
City of Orchard Lake Village  
City of Southfield  
City of Troy  
Charter Township of West Bloomfield

NOTICE IS FURTHER GIVEN, that the Drainage Board will meet on the 22nd day of October, 2024, at 2:00 p.m., prevailing Eastern Time, at the Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Waterford, Michigan, for the purpose of hearing any objections to the drain project, to the petitions therefor, and to the matter of assessing the cost thereof to the public corporations above named. This notice is given to and for the benefit of the said public corporations and all taxpayers thereof. At the hearing any of said public corporations or any taxpayer thereof will be entitled to be heard.

NOTICE IS FURTHER GIVEN, that after such hearing the Drainage Board shall make a determination as to the sufficiency of the petitions, the practicability of the drain project, whether the drain project should be constructed, and if so, the public corporations to be assessed and shall issue an order known as the Final Order of Determination. Section 483 of Act No. 40 of the Public Acts of 1956, as amended, provides that the Final Order of Determination shall not be subject to attack in any court, except by proceedings in certiorari brought within 20 days after the order is filed in the Office of the Oakland County Water Resources Commissioner, the Chairperson of the Drainage Board for the Evergreen-Farmington Sanitary Drain Extension, and that if no such proceeding shall be brought within said 20 day period the drain project shall not thereafter be questioned in any suit at law or in equity, either on jurisdictional or non-jurisdictional grounds.

This notice is given by order of the Drainage Board for the Evergreen-Farmington Sanitary Drain Extension.



Jim Nash, Chairperson of the Drainage Board for the Evergreen-Farmington Sanitary Drain Extension; Oakland County Water Resources Commissioner

Dated: September 24, 2024

MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN CONSOLIDATION PROJECT

October 22, 2024

A meeting of the Drainage Board for the Evergreen-Farmington Sanitary Drain Consolidation Project was held in Waterford, Michigan, on October 22, 2024.

PRESENT:

ABSENT:

The meeting was called to order by the Chairperson. The minutes of the September 24, 2024 meeting of this Board were presented. It was moved by \_\_\_\_\_ and seconded by \_\_\_\_\_ and unanimously adopted that the said minutes be approved as presented.

The Chairperson presented proofs of the publication and mailing of the notice of hearing. By [unanimous consent] the proofs of publication and mailing were placed on file with the Chairperson.

The Chairperson announced that this was the time and place for the meeting of this Board to hear any objections to the proposed drain project, to the petition therefor, and to the matter of assessing the cost of the project to the public corporation heretofore designated by this Board.

There were the following questions and objections:

There were the following written objections:

The Chairperson declared the hearing closed.

The following resolution was offered by \_\_\_\_\_ and seconded by \_\_\_\_\_:

WHEREAS, petitions were filed with the Oakland County Water Resources Commissioner under the provisions of Chapter 20 of Act 40, Public Acts of Michigan, 1956, as amended, on September 12, 2024, by the City of Farmington Hills, Oakland County, Michigan, and on September 13, 2024, by the City of Southfield, Oakland County, Michigan, petitioning for the location, establishment and construction of an intra-county drain project, as set forth in the petitions, which proposed drain project is necessary for the public health; and

WHEREAS, the necessary proceedings have been taken in respect to the petition including the holding of a hearing for the purpose of receiving any objections to the proposed drain project, to the petition therefor and to the matter of assessing the cost to the public corporation named in the notice of said hearing.

THEREFORE, BE IT RESOLVED BY THE DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN CONSOLIDATION PROJECT, as follows:

1. That the petition is sufficient in all respects; that the drain project is practicable and should be constructed; that it has become necessary for the public health to construct the drain project; and that the following public corporations should be assessed for the cost, if any, thereof, to-wit:

City of Auburn Hills  
Village of Beverly Hills  
Village of Bingham Farms  
City of Birmingham  
Charter Township of Bloomfield  
City of Bloomfield Hills  
City of Farmington  
City of Farmington Hills  
Village of Franklin  
City of Keego Harbor  
City of Lathrup Village  
City of Orchard Lake Village  
City of Southfield  
City of Troy  
Charter Township of West Bloomfield

2. That the Chairperson of this Board is hereby authorized and directed to issue on behalf of the Board its final order of determination in accordance with the determinations made in this resolution.

ADOPTED: Yeas –

Nays -

The Chairperson of the Drainage Board proceeded to execute the Final Order of Determination and after doing so, presented the same to the Drainage Board. The order was executed and dated on October 22, 2024.

It was moved by \_\_\_\_\_ and seconded by \_\_\_\_\_ that the Final Order of Determination, In Re Evergreen-Farmington Sanitary Drain Consolidation Project, as this date

executed and presented to this Drainage Board by the Chairperson, be and it hereby is confirmed, ratified and approved and ordered filed with the Chairperson on this date.

ADOPTED: Yeas -

Nays -

There being no further business to come before the meeting, upon motion by \_\_\_\_\_, seconded by \_\_\_\_\_, and unanimously adopted, the meeting was adjourned.

\_\_\_\_\_  
Chairperson

Dated:        October 22, 2024

STATE OF MICHIGAN     )  
                                      ) SS:  
COUNTY OF OAKLAND )

I hereby certify that the foregoing is a true and complete copy of the minutes of a meeting of the Drainage Board for the Evergreen-Farmington Sanitary Drain Consolidation Project, Oakland County, Michigan, held on October 22, 2024, and that the minutes are on file in the offices of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that notice of the meeting was given in accordance with the Open Meetings Act.

---

Chairperson of the Drainage Board



FINAL ORDER OF DETERMINATION  
IN RE  
EVERGREEN-FARMINGTON SANITARY DRAIN CONSOLIDATION PROJECT

WHEREAS, pursuant to the provisions of Chapter 20 of Act No. 40, Public Acts of Michigan, 1956, as amended, petitions were filed with the Oakland County Water Resources Commissioner by the City of Farmington Hills, Oakland County, Michigan, on September 12, 2024, and by the City of Southfield, Oakland County, Michigan, on September 13, 2024, petitioning for the following drain project as necessary for the public health, to-wit:

The location, establishment and construction of an intra-county drain project consisting of extending the Evergreen-Farmington Sanitary Drain by adding a branch to said Drain known as the 10 Mile - Rouge Arm and conducting an assessment of pipe condition, including without limitation closed-circuit televising and cleaning of pipes.

WHEREAS, the necessary proceedings have been taken in respect to the petition, including the holding of a hearing for the purpose of receiving any objections to the proposed drain project, to the petition therefor and to the matter of assessing the cost to the public corporations designated by this Board;

THEREFORE, the Drainage Board for the Evergreen-Farmington Sanitary Drain Consolidation Project issues this order making the following determinations in accordance with a resolution adopted by it on October 22, 2024, to-wit:

That the said petitions are sufficient in all respects; that the drain project is practicable and should be constructed; that it has become necessary for the public health to construct the drain project; and that the following public corporations should be assessed for the cost, if any, thereof, to-wit:

City of Auburn Hills  
Village of Beverly Hills  
Village of Bingham Farm  
City of Birmingham  
Charter Township of Bloomfield  
City of Bloomfield Hills  
City of Farmington  
City of Farmington Hills  
Village of Franklin  
City of Keego Harbor  
City of Lathrup Village  
City of Orchard Lake Village  
City of Southfield  
City of Troy  
Charter Township of West Bloomfield

DRAINAGE BOARD FOR THE  
EVERGREEN-FARMINGTON      SANITARY  
DRAIN CONSOLIDATION PROJECT

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

Dated and Filed:      October 22, 2024  
4862-7069-9748 v1 [12840-447]

**OAKLAND COUNTY  
WATER RESOURCES COMMISSIONER**

**MEMORANDUM**

**TO:** Jim Nash, Chairperson of the Evergreen-Farmington Sanitary Drain Drainage Board

**FROM:** Evans Bantios, P.E., Project Engineer

**SUBJECT:** Request for Additional Project Funds for the Walnut Lake No. 3 Pump Station Rehabilitation Project

**DATE:** October 22, 2024

In 2022, the total cost of the Walnut Lake No. 3 Pump Station Rehabilitation Project was estimated at \$1,731,000. However, due to an increase in the scope of work, the projected cost has increased by \$25,000. The additional scope included moving the generator and clearing the trees and brush from under the power lines leading from the roadway to the pump station. All the field work is complete, and we are now in the process of closing out the project. The requested budget increase brings the current project estimate to \$1,756,000. This will be funded through the capital improvement reserve. The fund has sufficient balances to accommodate the estimated additional expense, and the long-term stability of the reserve balances is not adversely impacted by this additional amount.

**Requested Action: Approve the revised project budget for the Walnut Lake No. 3 Pump Station Rehabilitation Project by \$25,000 to a not to exceed amount of \$1,756,000.**

## CHANGE ORDER

## CHANGE ORDER NO. 2 (FINAL)

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Walnut Lake No. 3 Pump Station Rehabilitation  
Bloomfield Township, Michigan**

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

Department No. : CCN6010101  
Fund No. : FND82410  
Project No. : PRJ-17456

Account No. : 730352  
Program No. : 149667  
Project Activity : FAC

Contractor : Lawrence M. Clarke, Inc.  
50850 Bemis Rd.  
Belleville, MI 48111

Contract No. : 9895  
Date of Contract: 4/29/22  
Completion Date: 3/25/23

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
2-1	<b>LOCATION:</b> Walnut Lake No. 3 PS-Generator Relocation  <b>DESCRIPTION (Extra/Add):</b> Relocate existing generator to the northside of the new building; construction of a new generator pad and demolition of the old generator pad.  <b>REASON:</b> The existing generator pad required a significant amount of new conduits to be installed from the generator to the new building. The existing pad was also very close to the existing wetlands just west of the station. Accordingly, the generator pad was moved to provide easier installation of the new conduits, reduce the potential of flooding from the adjacent wetlands and facilitate easier removal of the pumps from the new wet well in the future.	LS	1.0	\$25,100.00	\$25,100.00	---
2-2	<b>LOCATION:</b> Walnut Lake No. 3 PS-FM Bypass Line					

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b>DESCRIPTION (Extra/Add):</b> Installed a new line stop on the existing force main to connect the bypass line. This required an additional 400 square feet of pavement to be removed and replaced.  <b>REASON:</b> The existing bypass line was non-functional as the isolation valves were seized in the open position. The new bypass line had to be moved farther downstream along the force main to minimize damage to the force main during the installation process and during the closing of the valves.	LS	1.0	\$38,706.75	\$38,706.75	---
2-3	<b>LOCATION:</b> Walnut Lake No. 3 PS-FM Wet Well  <b>DESCRIPTION (Change/Add):</b> Additional wet well infiltration grouting.  <b>REASON:</b> The extent of infiltration within the wet well was significantly more than what was anticipated at the time of the bid based on the plans and specifications. The grout subcontractor, Advanced Underground Inspection, tracked time and material costs associated with this effort and provided a credit for the base bid work.	LS	1.0	\$12,000.00	\$12,000.00	---
2-4	<b>LOCATION:</b> Walnut Lake No. 3 PS-FM Wet Well  <b>DESCRIPTION (Change/Add):</b> Installed four brackets between the new 6-foot riser section and the existing cast in place wet well base.	LS	1.0	\$4,555.93	\$4,555.93	---

JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b>REASON:</b> As there was no bell and spigot interface between the cast-in-place and precast manhole riser sections, brackets were added to provide the needed mechanical shear resistance at the connection between the two structures.					
2-5	<b>LOCATION:</b> Walnut Lake No. 3 PS-Driveway  <b>DESCRIPTION (Change/Add):</b> Removed existing phone line from telephone poles along the driveway from the roadway to the pump station.  <b>REASON:</b> The existing phone line was partially damaged by the trees lining the driveway to the pump station. As the phone line was previously disconnected and no longer in use, it was prudent to remove the line.	LS	1.0	\$500.00	\$500.00	---
2-6	<b>LOCATION:</b> Entire Project  <b>DESCRIPTION (Change/Delete):</b> DTE Allowance  <b>REASON:</b> This Bid Item was not used.	LS	-1.0	\$5,000.00	---	\$5,000.00
2-7	<b>LOCATION:</b> Entire Project					

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p><b>DESCRIPTION (Change/Add):</b> Adjust the Contract Times to reflect revised Substantial and Final Completion dates. The Notice to Proceed Date was April 29, 2022. The original Substantial Completion date was February 23, 2023 and the Final Completion date was March 23, 2023. The revised Substantial Completion date is June 4, 2024 (468 days). The revised Final Completion date is November 5, 2024 (594 days). This is a no cost increase in time.</p> <p><b>REASON:</b> The increase in Contract Times reflects the additional time required to obtain the plumbing permit to complete the watermain connection. There was confusion regarding jurisdiction over the watermain on Long Lake Rd. between Bloomfield Township and West Bloomfield Township that substantially delayed completion of this work. Bloomfield Township eventually confirmed that the watermain along Long Lake Road was installed and paid for by West Bloomfield Township but was transferred over to Bloomfield Township. Accordingly the permit was finally obtained from Bloomfield Township and the tap was performed in May 2024. As this issue was related to a governmental action, the parties mutually agreed to a no cost time extension to the project.</p>					
Totals					\$80,862.68	\$5,000.00
Net Increase					\$75,862.68	---

## CHANGE ORDER

## CHANGE ORDER NO. 2 (FINAL)

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Walnut Lake No. 3 Pump Station Rehabilitation  
Bloomfield Township, Michigan**

Prepared by: Evangelos Bantios Date: 10-13-2024  
Evangelos Bantios, P.E. - Project Engineer

Recommended by: Mark Mattson Date: 10-14-2024  
Mark Mattson, P.E. - Consultant

Approved by: Joel Brown Date: 10/15/2024  
Joel Brown, P.E. - Chief Engineer

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

Accepted by: Lynn Harmala Date: 10-14-2024  
Lynn Harmala - President  
Lawrence M. Clarke, Inc.

Approved by: Steven Korth Date: Oct. 17, 2024  
Steve Korth, P.E.  
Chief 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 was approved by the Drainage Board on:

## CHANGE ORDER

## CHANGE ORDER NO. 2 (FINAL)

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Walnut Lake No. 3 Pump Station Rehabilitation  
Bloomfield Township, Michigan**

Notice to Proceed Date:	4/29/2022
Contract Substantial Completion Date (Revised):	6/4/2024
Contract Final Completion Date (Revised):	11/4/2024
Original Contract Value:	\$1,209,000.00
Previous C.O. Values:	\$57,260.27
Change Order No. 2 Value	\$75,862.68
<b>Adjusted Contract Value</b>	<b>\$1,342,122.95</b>

**JIM NASH  
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**  
6 of 6

08/22/2022



**CHANGE ORDER****CHANGE ORDER NO. 3**

**Evergreen Farmington Sanitary Drain Drainage District  
8 Mile Road CAP Phase 2 - 8 Mile Pump Station 54-Inch Relief Forcemain  
Southfield  
Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101  
Fund No. : FND84410  
Project No. : PRJ-17452

Account No. : 730352  
Program No. : PRG149015  
Project Activity : FAC

Contractor :

Dan's Excavating, Inc.  
12955 23 Mile Road  
Shelby Township, MI 48315

Contract No. : 10305  
Date of Contract: 7/17/2023  
Completion Date: 1/12/2025

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-1	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b>  Bid Item no. 10 - Sanitary Sewer, Force Main, 54 inch, Furnished  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	(2.51)	\$480.00	--- 0 Days	\$1,204.80
3-2	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b>  Bid Item no. 11 - Sanitary Sewer, Force Main, 54 inch, Installed  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	(14.16)	\$432.00	--- 0 Days	\$6,117.12

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-3	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 13 - Sanitary Sewer, Force Main, 54 inch, Couplings  <b>REASON:</b> End of project reconciliation of installed versus bid	EA	1.00	\$27,500.00	\$27,500.00 0 Days	---
3-4	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b> Bid Item no. 14 - Dr Structure, 48 inch dia  <b>REASON:</b> End of project reconciliation of installed versus bid	EA	(13.00)	\$1,800.00	--- 0 Days	\$23,400.00
3-5	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 15 - Sewer, Cl III, 12 inch, Tr Det B  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	281.00	\$218.00	\$61,258.00 0 Days	---
3-6	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 16 - Sewer, Cl IV, 15 inch, Tr Det B  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	93.00	\$223.00	\$20,739.00 0 Days	---

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-7	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 17 - Sewer, Cl IV, 18 inch, Tr Det B  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	19.00	\$235.00	\$4,465.00 0 Days	---
3-8	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 18 - Sewer, Cl IV, 30 inch, Tr Det B  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	14.00	\$279.00	\$3,906.00 0 Days	---
3-9	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b> Bid Item no. 19 - Trench Undercut and Backfill  <b>REASON:</b> End of project reconciliation of installed versus bid	CYD	(494.00)	\$50.00	--- 0 Days	\$24,700.00
3-10	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b> Bid Item no. 20 - Non-Hazardous Contaminated Material Handling and Disposal  <b>REASON:</b> End of project reconciliation of installed versus bid	TON	(2000.00)	\$26.00	--- 0 Days	\$52,000.00

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-11	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 22 - HMA, 2EMH  <b>REASON:</b> End of project reconciliation of installed versus bid	TON	623.41	\$121.00	\$75,432.61 0 Days	---
3-12	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 23 - HMA, 3EMH  <b>REASON:</b> End of project reconciliation of installed versus bid	TON	318.50	\$130.00	\$41,405.00 0 Days	---
3-13	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 24 - HMA, 4EMH  <b>REASON:</b> End of project reconciliation of installed versus bid	TON	460.14	\$127.00	\$58,437.78 0 Days	---
3-14	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b> Bid Item no. 25 - HMA, 5EMH  <b>REASON:</b> End of project reconciliation of installed versus bid	TON	366.48	\$139.00	\$50,940.72 0 Days	---

JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-15	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b>  Bid Item no. 30 - Concrete Curbs and Gutters  <b>REASON:</b> End of project reconciliation of installed versus bid	LF	(220.00)	\$33.00	--- 0 Days	\$7,260.00
3-16	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Delete):</b>  Bid Item no. 31 - Concrete Sidewalk  <b>REASON:</b> End of project reconciliation of installed versus bid	SFT	(1213.75)	\$27.50	--- 0 Days	\$33,378.13
3-17	<b>LOCATION: 8 Mile Road, Southfield, MI</b>  <b>DESCRIPTION (Extra/Add):</b>  Change Order Item no. 1-2 - Allowance for Temporary Paving  <b>REASON:</b> End of project reconciliation of installed versus bid	LS	(19649.62)	\$1.00	--- 0 Days	\$19,649.62
				Totals	\$344,084.11	\$167,709.67
				Net Increase	0 Days \$176,374.45	---

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

## CHANGE ORDER NO. 3

**Evergreen Farmington Sanitary Drain Drainage District  
8 Mile Road CAP Phase 2 - 8 Mile Pump Station 54-Inch Relief Forcemain  
Southfield  
Oakland County, Michigan**

Notice to Proceed Date:	July 17, 2023
Contract Substantial Completion Date:	December 13, 2024
Contract Final Completion Date:	January 12, 2025
Original Contract Value:	\$10,381,154.00
Previous C.O. Values:	\$214,293.91
Change Order No. 3 Value	\$176,374.45
<b>Adjusted Contract Value</b>	<b>\$10,771,822.36</b>

**JIM NASH  
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

## CHANGE ORDER NO. 3

**Evergreen Farmington Sanitary Drain Drainage District**  
**8 Mile Road CAP Phase 2 - 8 Mile Pump Station 54-Inch Relief Forcemain**  
**Southfield**  
**Oakland County, Michigan**

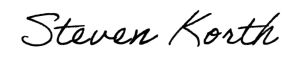
Prepared by:  Date: 02 OCT 2024  
Charles J. Roarty, Jr., P.E. - NTH Consultants, Ltd.

Recommended by:  Date: 10/2/2024  
Joe Siwek, P.E. - Consulting Engineer (Fishbeck)

Approved by:  Date: 10-13-2024  
Evangelos Bantios, P.E. - Project Engineer

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

Accepted by: Clint J. McDonald Digitally signed by Clint J. McDonald  
DN: C=US, E=cmodonald@dansexco.com, CN=Clint J. McDonald  
Reason: Because  
Date: 2024.10.08 08:23:43-04'00' Date: \_\_\_\_\_  
James L. Doescher  
Dan's Excavating, Inc.

Approved by:  Date: Oct. 17, 2024  
Steve Korth, P.E.  
Chief 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 was approved by the Drainage Board on:

**CHANGE ORDER NO. 3**

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Lathrup Village Sanitary Retention Tank Improvements  
Lathrup Village, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : CCN6010101

Account No. : SC730639

Fund No. : FND84410

Program No. : PRG1490125

Project No. : PRJ-17450

Project Activity : FAC

Contractor : Midwest Power Systems, Inc.  
2401 Hickory Oak Lane  
Milford, MI 48380

Contract No. : CON10270  
Date of Contract: 4/19/23  
Completion Date: 5/3/24

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-1	<p><b>LOCATION:</b> Wet well comminutor</p> <p><b>DESCRIPTION (Extra/Add):</b> Demolition of the existing wet well comminutor, controls, grating, channel cheek walls, installation of new stainless steel bar screen, reinforced concrete header across bar screen opening as shown on the Drawings. Work Directive No. 2</p> <p><b>REASON:</b> The comminutor stopped working during the project. It was cost effective to replace the comminutor with a bar screen instead of another comminutor. This was provided during the bidding process as an alternative.</p>	LS	1.0	\$62,267.00	\$62,267.00	---



## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-2	<b>LOCATION:</b> Wet well lights  <b>DESCRIPTION (Extra/Add):</b> Purchase and replace light fixtures in the wet well.  <b>REASON:</b> The light fixtures were severely deteriorated and needed to be replaced.	LS	1.0	\$10,518.95	\$10,518.95	---
3-3	<b>LOCATION:</b> Pressure transmitters in flushing tank  <b>DESCRIPTION (Extra/Add):</b> Installed new pressure transmitters in the flushing tank. Work Directive No. 4  <b>REASON:</b> The pressure transmitters provide a backup level control to the primary level control device.	LS	1.0	\$2,305.00	\$2,305.00	---
3-4	<b>LOCATION:</b> Flushing controls modifications and air line pressure sensor install and programming  <b>DESCRIPTION (Extra/Add):</b> Modifications were made to the flushing controls to provide remote cleaning capability. The air pressure sensor was added to monitor the air line remotely. Work Directive No. 4	LS	1.0	\$31,580.00	\$31,580.00	---

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b>REASON:</b> These modifications were made to provide a safer work process and allow for remote monitoring of the flushing system. The air line allows the system to be monitored remotely. The site is typically unmanned during most rain events and between most rain events. These systems allow operators to monitor and control these systems remotely.					
3-5	<b>LOCATION:</b> Area Velocity Flow Meter  <b>DESCRIPTION (Change/Add):</b> Installed a new junction box and rack to power area velocity meter.  <b>REASON:</b>  The area velocity meter specified for the project required an additional power source.	LS	1.0	\$13,138.40	\$13,138.40	---
3-6	<b>LOCATION:</b> Increase allowances to Bid Items No. 10  <b>DESCRIPTION (Change/Add):</b> Increase pump maintenance allowance for additioanl work on Pump Nos. 1, 2 and 3.	LS	1.0	\$21,030.00	\$21,030.00	---

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b>REASON:</b> Additional issues were encountered and needed to be repaired during the inspection process.					
3-7	<b>LOCATION:</b> Increase allowances to Bid Items No. 11  <b>DESCRIPTION (Change/Add):</b> Increase pump maintenance allowance for additioanl work on Pump Nos. 6, 7 and 9  <b>REASON:</b> Additional issues were encountered and needed to be repaired during the inspection process.	LS	1.0	\$12,595.00	\$12,595.00	---
3-8	<b>LOCATION:</b> Unused quantities of pressure injection and shallow concrete repairs.  <b>DESCRIPTION (Change/Deduct):</b> Pressure Insection for Non-Weeping Crack Repairs Type 1A - Bid Item No. 4 Pressure Injection of Weeping Crack Repair Type 1B - Bid Item No. 5 Shallow Concrete Repair Type 2A - Bid Item No. 6 Shallow Concrete Repair Type 2B - Bid Item No. 7 Shallow Concrete Repair Type 2C -Bid Item No. 8	LF LF SF SF SF	-60.0 -500.0 -210.0 -25.0 -25.0	\$68.38 \$51.25 \$214.50 \$336.70 \$351.00	--- --- --- --- ---	\$4,102.80 \$25,625.00 \$45,045.00 \$8,417.50 \$8,775.00

JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

**CHANGE ORDER**

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b>REASON:</b> Removed unsued quantities from the contract.					
				Totals	\$153,434.35	\$91,965.30
				Net Increase	\$61,469.05	---

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER NO. 3

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Lathrup Village Sanitary Retention Tank Improvements  
Lathrup Village, Michigan**

Prepared by: Evangelos Bantios Date: 10-16-2024

Evangelos Bantios, P.E. - OCWRC

Recommended by: John Bergsma Date: 10-16-2016

John Bergsma, P.E. - Hubbell, Roth & Clarke, Inc.

Approved by: Joel Brown Date: 10/17/2024

Joel Brown, P.E. - OCWRC

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

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Brent Canup - President  
Midwest Power Systems, Inc.

Approved by: Steven Korth Date: Oct. 18, 2024

Steve Korth, P.E.  
Chief Engineer

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

This Change Order was approved by the Drainage Board on:

**CHANGE ORDER NO. 3**

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Lathrup Village Sanitary Retention Tank Improvements  
Lathrup Village, Michigan**

Notice to Proceed Date:	Wednesday, April 19, 2023
Contract Substantial Completion Date:	Monday, March 4, 2024
Contract Final Completion Date:	Friday, May 3, 2024
Original Contract Value:	\$2,318,504.20
Previous C.O. Values:	\$15,250.00
Change Order No. 3 Value	\$61,469.05
<b>Adjusted Contract Value</b>	<b>\$2,395,223.25</b>

**JIM NASH  
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

**CONSTRUCTION ESTIMATE**  
**Jim Nash, Oakland County Water Resources Commissioner**  
**Evergreen Farmington Sanitary Drain Drainage District**  
**For Construction of the Walnut No. 3 Pump Station Rehabilitation**  
**Bloomfield Township**  
**Oakland County, Michigan**

Final Construction Estimate

November 8, 2023 to September 30, 2024

Department No.: CCN6010101  
Fund No.: FND82410  
Project No.: PRG-17456

Account No.: 730352  
Program No.: PRG149667  
Activity: FAC  
Vendor No.: 16424  
Contract No.: 9895  
Date of Contract: 4/29/2022  
Completion Date: 3/25/2023

Contractor: Lawrence M. Clarke Inc.  
50850 Bemis Rd  
Belleville, MI 48111

Original Contract Amount: \$1,209,000.00

Previous Change Order Number 1: \$57,260.27

Change Orders This Estimate Number 2: \$75,862.68

Total Net Change Orders: (No further authorization of this Contract) \$133,122.95

Final Adjusted Contract Amount: \$1,342,122.95

Final Subtotal: \$1,342,122.95

Less Deductions to Date: \$0.00

Gross Estimate: (Work in Place) 100.00% \$1,342,122.95

Less Amount Reserved: \$0.00

Final Amount Allowed: \$1,342,122.95

Less Previous Estimates: \$1,179,897.26

Final Payment Request To Be Paid To Contractor: \$98,912.68

Final Reserve Payment to Contractor \$63,313.01

Balance of Contract To Date ☒ \$0.00 Accounting Auditor: BCR 10/14/2024

Less Previous Transfers To Reserve: \$63,313.01

Amount of Current Transfer: (\$63,313.01)

Prepared by: Evangelos Bantios  
Evangelos Bantios, P.E. - Project Engineer

Date: 10-14-2024

Recommended by: [Signature]  
Mark Mattson, P.E. - Consulting Engineer

Date: 10-14-2024

Approved by: [Signature]  
Joel Brown, P.E. - Chief Engineer

Date: 10/15/2024

Approved by Board on: \_\_\_\_\_

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the I-696 Pump Station Rehabilitation  
Southfield  
Oakland County, Michigan**

Construction Estimate No. 2

July 13, 2024 to September 26, 2024

Department No. : 6010101  
Fund No. : 82410  
Project No. : PRJ-17459

Account No. : 730352  
Program No. : 149667  
Activity : CON  
Vendor No. : 16424  
Contract No. : 00009173  
Date of Contract : 2/9/2024  
Completion Date : 6/3/2025

Contractor :  
Lawrence M. Clarke Inc.  
50850 Bemis Rd  
Belleville, MI 48111

Original Contract Amount: \$1,597,500.00

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$1,597,500.00

Subtotal To Date: (Sheet 2 of 2 Column 7) \$183,212.63

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 11.47% \$183,212.63

Less Amount Reserved: (10% of Gross Estimate) \$18,321.26

Total Amount Allowed To Date: \$164,891.37

Less Previous Estimates: \$92,891.37

Net Payment Request To Be Paid To Contractor: \$72,000.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date ✓ \$1,414,287.37 Accounting Auditor: *BER* 10/14/2024

Less Previous Transfers To Reserve: \$10,321.26 ✓

Amount of Current Transfer: \$8,000.00

Prepared by: *Scott Schultz*  
Scott Schultz - Project Engineer

Date: 10/11/24

Recommended by: *Mark Mattson*  
Mark Mattson, P.E. - Consulting Engineer

Date: 11 October 2024

Approved by: *Joel Brown*  
Joel Brown, P.E. - Chief Engineer

Date: 10/17/2024

Approved by Board on: \_\_\_\_\_

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**



**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
For Construction of the Lathrup SRT  
Lathrup Village  
Oakland County, Michigan**

Construction Estimate No. 9

6-13-2024 to 9-20-2024

Department No. : CCN6010101  
Fund No. : FND84410  
Project No. : PRJ-17450

Account No. : 730352  
Program No. : PRG149015  
Activity : FAC  
Vendor No. : 40564  
Contract No. : CON00010270  
Date of Contract : April 19, 2023  
Completion Date : May 3, 2024

Contractor :  
Midwest Power Systems  
2401 Hickory Oak Lane  
Milford, MI 48380

Original Contract Amount: \$2,318,504.20

Previous Change Order Number (CO #1 & 2): \$15,250.00

Change Orders This Estimate (CO#3): \$61,469.05

Total Net Change Orders: \$76,719.05

Adjusted Contract Amount: \$2,395,223.25

Subtotal To Date: \$2,239,623.38

Less Deductions to Date: \$0.00

Gross Estimate: (Work in Place) 93.50% \$2,239,623.38

Less Amount Reserved: (5% of Adjusted Contract Amount) \$119,761.16

Total Amount Allowed To Date: \$2,119,862.22

Less Previous Estimates: \$1,992,377.63

Net Payment Request To Be Paid To Contractor: \$127,484.59

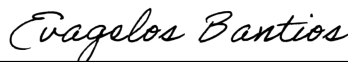
Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$155,599.87 Accounting Auditor:

Less Previous Transfers To Reserve: \$116,687.71

Amount of Current Transfer: \$3,073.45

Prepared by:



Evangelos Bantios, P.E. - Project Engineer

Date: 10-13-2024

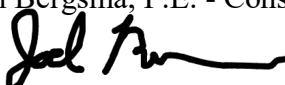
Recommended by:



John Bergsma, P.E. - Consulting Engineer

Date: 10-16-2024

Approved by:



Joel Brown, P.E. - Chief Engineer

Date: 10/17/2024

Approved by Board on: \_\_\_\_\_

**Jim Nash, Oakland County Water Resources Commissioner  
Evergreen Farmington Sanitary Drain Drainage District  
8 Mile Road CAP 8 Mile Road Pump Station & SSO Chamber Improvements - Phase 1  
Southfield  
Oakland County, Michigan**

Construction Estimate No. 31

September 1, 2024 to Sep 30, 2024

Department No. : 6010101  
Fund No. : FND84410  
Project No. : PRJ-17452

Account No. : 730352  
Program No. : PRG149015  
Activity : FAC  
Vendor No. : 23191  
Contract No. : 6628  
Date of Contract : 2/2/2022  
Completion Date : 8/13/2027

Contractor :  
Walsh Construction Company II, LLC  
3031 W Grand Blvd, Suite 640  
Detroit, MI 48202

Original Contract Amount: \$0.00

Previous Change Order Numbers: CO Nos. 1 through 9. \$50,512,444.14

Change Orders This Estimate Number: \$0.00

Total Net Change Orders: \$50,512,444.14

Adjusted Contract Amount: \$50,512,444.14

Subtotal To Date: (Sheet 2 of 3 Column 7) \$27,431,172.23

Less Deductions to Date: (Sheet 2 of 3 Column 7) \$0.00

Gross Estimate: (Work in Place) 54.31% \$27,431,172.23

Less Amount Reserved: (5% of Adjusted Contract Amount) \$2,525,622.21

Total Amount Allowed To Date: \$24,905,550.02

Less Previous Estimates: \$23,884,070.88

Net Payment Request To Be Paid To Contractor: \$1,021,479.14

Reserve Payment to Contractor \$0.00

Balance of Contract To Date ✓ \$23,081,271.91 Accounting Auditor: *BTR* 10/7/2024

Less Previous Transfers To Reserve: \$2,525,622.21

Amount of Current Transfer: \$0.00

Prepared by: *Charles J. Roarty, Jr.*  
Charles J. Roarty, Jr., P.E. - NTH Consultants

Date: 2024 10 02

Recommended by: *Joseph C. Siwek*  
Joe Siwek, P.E. - Consulting Engineer (Fishbeck)

Date: 10/2/2024

Recommended by: *Evangelos Bantios*  
Evangelos Bantios, P.E. - Project Engineer

Date: 10-11-2024

Approved by: \_\_\_\_\_  
Joel Brown, P.E. - Chief Engineer

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

Approved by Board on: \_\_\_\_\_

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

**Jim Nash, Oakland County Water Resources Commissioner**  
**Evergreen Farmington Sanitary Drain Drainage District**  
**For Construction of 8 Mile Road CAP Phase 2 - 8 Mile Pump Station 54-Inch Relief Forcemain**  
**Southfield, Michigan**

Construction Estimate No. 13

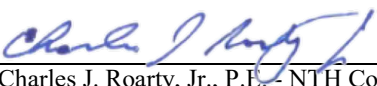
September 1, 2024 to Sep 30, 2024

Department No. : 6010101  
Fund No. : FND84410  
Project No. : PRJ-17452

Account No. : 730352  
Program No. : PRG149015  
Activity : FAC  
Vendor No. : 40260  
Contract No. : 10305  
Date of Contract : 7/17/2023  
Completion Date : 1/12/2025

Contractor :  
Dan's Excavating, Inc.  
12955 23 Mile Road  
Shelby Township, MI 48315

Original Contract Amount:		\$10,381,154.00
Previous Change Order Numbers: CO Nos. 1 and 2		\$214,293.91
Change Orders This Estimate Number: CO No. 3		\$176,374.45
Total Net Change Orders:		\$390,668.36
Adjusted Contract Amount:		\$10,771,822.36
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$10,740,822.36
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	99.71%	\$10,740,822.36
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$538,591.12
Total Amount Allowed To Date:		\$10,202,231.24
Less Previous Estimates:		\$9,984,533.85
Net Payment Request To Be Paid To Contractor:		\$217,697.39
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$31,000.00	Accounting Auditor:
Less Previous Transfers To Reserve:		\$529,772.40
Amount of Current Transfer:		\$8,818.72

Prepared by:   
Charles J. Roarty, Jr., P.E. - NTH Consultants

Date: 2024 10 14

Recommended by:   
Joe Siwek, P.E. - Consulting Engineer (Fishbeck)

Date: 10/15/2024

Recommended by:   
Evagelos Bantios, P.E. - Project Engineer

Date: 10-16-2024

Approved by:   
Joel Brown, P.E. - Chief Engineer

Date: 10/17/2024

Approved by Board on: \_\_\_\_\_

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the Evergreen Farmington Sanitary Drain Ch20 (Maintenance)

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Approval of Invoices

The following is a detail of charges paid from the Evergreen Farmington Sanitary Drain Ch20 and Invoices

Payable To	Ref No.	For	Amount
D Angelo Brothers	SINV00291108	Inv #N230006 - Contracted Services - Proj #17433	25,230.82
Pipeline Management Company LLC	SINV00290785	Inv #24-01865 - Contracted Services - Proj #17433	2,872.00
		<b>Subtotal - Project #17433</b>	<b>28,102.82</b>
JMK Consultants Inc	SINV00289762	Inv #1797 - Professional Services - Proj #17455	5,329.50
JMK Consultants Inc	SINV00291170	Inv #1805 - Professional Services - Proj #17455	1,309.00
		<b>Subtotal - Project #17455</b>	<b>6,638.50</b>
DLZ Michigan Inc	SINV00291109	Inv #000401958 - Engineering Services - Proj #17458	3,057.78
JMK Consultants Inc	SINV00289762	Inv #1797 - Professional Services - Proj #17458	2,057.00
		<b>Subtotal - Project #17458</b>	<b>5,114.78</b>
Applied Science Inc	SINV00289776	Inv #8885 - Contracted Services - Proj #17542	2,278.00
		<b>Subtotal - Project #17542</b>	<b>2,278.00</b>
Applied Science Inc	SINV00289776	Inv #8885 - Contracted Services - Proj #17543	1,532.50
		<b>Subtotal - Project #17543</b>	<b>1,532.50</b>
DLZ Michigan Inc	SINV00289780	Inv #000401742 - Engineering Services - Proj #17554	7,473.74
JMK Consultants Inc	SINV00291170	Inv #1805 - Professional Services - Proj #17554	1,683.00
		<b>Subtotal - Project #17554</b>	<b>9,156.74</b>
DLZ Michigan Inc	SINV00289777	Inv #000401741 - Engineering Services - Proj #17555	14,939.33
JMK Consultants Inc	SINV00291170	Inv #1805 - Professional Services - Proj #17555	1,870.00
		<b>Subtotal - Project #17555</b>	<b>16,809.33</b>
Fishbeck	SINV00291101	Inv #442485 - Contracted Services - Proj #17579	3,657.50
Fishbeck	SINV00295728	Inv #443150 - Contracted Services - Proj #17579	747.00
		<b>Subtotal - Project #17579</b>	<b>4,404.50</b>
Fishbeck	SINV00291101	Inv #442485 - Contracted Services - Proj #17580	3,405.50
Fishbeck	SINV00295728	Inv #443150 - Contracted Services - Proj #17580	753.00
		<b>Subtotal - Project #17580</b>	<b>4,158.50</b>
ADS LLC	SINV00289764	Inv #35801-0624-I - Contracted Services	2,770.00
ADS LLC	SINV00289766	Inv #35801-0724-I - Contracted Services	2,770.00
ADS LLC	SINV00289768	Inv #35801-0624-A - Contracted Services	51,275.00
ADS LLC	SINV00289769	Inv #35801-0624-K - Contracted Services	4,725.00
ADS LLC	SINV00289771	Inv #35801-0724-A - Contracted Services	51,275.00
ADS LLC	SINV00289774	Inv #35801-0724-K - Contracted Services	4,725.00
Applied Science Inc	SINV00291102	Inv #8883 - Contracted Services	21,405.06
Applied Science Inc	SINV00291103	Inv #8887 - Contracted Services	1,164.00
Applied Science Inc	SINV00290783	Inv #8886 - Contracted Services	10,828.35
Dickinson Wright PLLC	SINV00291073	Inv #1891475 - Contracted Services	2,409.50
Dickinson Wright PLLC	SINV00291076	Inv #1909625 - Contracted Services	2,646.50
FK Engineering Associates	SINV00292048	Inv #24-041-002 - Contracted Services	23,357.00
ICS Integration Services LLC	SINV00290787	Inv #3096 - Contracted Services	2,029.10
Kotz Sangster Wysocki PC	SINV00292420	Inv #608577 - Legal Services	18,571.25
		<b>Subtotal</b>	<b>199,950.76</b>
		<b>Total</b>	<b>278,146.43</b>

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the Evergreen Farmington Sanitary Drain Ch20 (Construction)

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Approval of Invoices

The following is a detail of charges paid from the Evergreen Farmington Sanitary Drain Ch20 and Invc

Payable To	Ref No.	For	Amount
Applied Science Inc	SINV00291105	Inv #8884 - Contracted Services - Proj #17449	1,746.00
Hubbell Roth and Clark Inc	SINV00296137	Inv #0220555 - Engineering Services - Proj #17449	6,268.31
		<b>Subtotal - Project #17449</b>	<b>8,014.31</b>
Hubbell Roth and Clark Inc	SINV00289782	Inv #0219780 - Engineering Services - Proj #17450	3,528.39
		<b>Subtotal - Project #17450</b>	<b>3,528.39</b>
PMA Consultants LLC	SINV00291110	Inv #04582.00-1.0-20 - Professional Services - Proj #17452	2,168.00
		<b>Subtotal - Project #17452</b>	<b>2,168.00</b>
		<b>Total</b>	<b>13,710.70</b>

## **2. Acacia Park CSO**

## **AGENDA**

### **DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$92,537.59
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$136,684.83
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE ACACIA PARK CSO DRAIN**

September 24, 2024

A meeting of the Drainage Board for the Acacia Park CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABESENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$11,853.49 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$11,853.49.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2  
Nays - 0

There being no further business, the meeting was adjourned.

---

Jim Nash, Chairperson



STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Acacia Park CSO Drain, Oakland County, Michigan, held on the 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Acacia Park CSO Drain Drainage District.

---

Jim Nash, Chairperson

Dated: September 24, 2024

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the ACACIA PARK CSO DRAIN

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

**DATE:** October 22, 2024

**SUBJECT:** Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund  
for the period ending October 17, 2024.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
07/31/24	JE# 029755	Jul 2024 Storm Water Flow Charges	\$35,379.42
		Highland Park Bad Debt Recovery Credit	(\$13,600.67)
08/31/24	JE# 030511	Aug 2024 Storm Water Flow Charges	35,379.42
09/30/24	JE# 031427	Sep 2024 Storm Water Flow Charges	35,379.42
		<b>Total</b>	<b><u><u>\$92,537.59</u></u></b>

MEMO TO: Mr. Jim Nash, Chairman  
of the Drainage Board for the ACACIA PARK CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

DATE: October 22, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices  
for the period ending October 17, 2024

G/L Date	Ref No.	Paid To	For	Amount
10/8/2024	V # SINV00294197	Detroit Pump & Mfg Co	Invoice # 1083466 - Contracted Services	\$ 5,024.50
9/27/2024	V # SINV00291092	ICS Integration Services LLC	Invoice # 3093 - Contracted Services	5,762.00
9/24/2024	V # SINV00289555	ICS Integration Services LLC	Invoice # 3072 - Contracted Services	2,586.58
9/24/2024	V # SINV00289544	ETNA Supply	Invoice # S105810417.001 - Contracted Services	1,123.00
			<b>Total</b>	<b>\$ 14,496.08</b>
9/30/2024	V # SINV00291635	Fishbeck	Invoice # 442490 - Contracted Services - Proj 1-7646	\$ 1,494.50
10/15/2024	V # SINV00295748	Fishbeck	Invoice # 443133 - Contracted Services - Proj 1-7646	\$ 352.00
			<b>Project # 1-7646 Total</b>	<b>\$ 1,846.50</b>
10/15/2024	V # SINV00295765	ICS Integration Services LLC	Invoice # 3105 - Contracted Services - Proj 1-7317	\$ 402.00
			<b>Project # 1-7317 Total</b>	<b>\$ 402.00</b>
9/30/2024	V # SINV00291664	Shaw Service & Maintenance	Invoice # 910012636 - Contracted Services - Proj 1-7329	\$ 1,610.00
			<b>Project # 1-7329 Total</b>	<b>\$ 1,610.00</b>
10/2/2024	V # SINV00292487	Pipeline Management Company	Invoice # 24-01483 - Contracted Services - Proj 1-7394	\$ 95,940.25
			<b>Project # 1-7394 Total</b>	<b>\$ 95,940.25</b>
9/24/2024	V # SINV00289531	ADS Environmental Services	Invoice # 35801-0824-L - Contracted Services - Proj 1-7574	\$ 8,690.00
			<b>Project # 1-7574 Total</b>	<b>\$ 8,690.00</b>
9/24/2024	V # SINV00289533	Allied Building Service Company	Invoice # 00347690 - Contracted Services - Proj 1-7585	\$ 13,700.00
			<b>Project # 1-7585 Total</b>	<b>\$ 13,700.00</b>
			<b>Grand Total</b>	<b>\$ 136,684.83</b>

### **3. Birmingham CSO**

## **AGENDA**

### **DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$99,189.75
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$116,677.02
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE BIRMINGHAM CSO DRAIN**

September 24, 2024

A meeting of the Drainage Board for the Birmingham CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A memorandum from Lawrence Young, Civil Engineer II, dated September 24, 2024, requesting the Board authorize the purchase of an ADS ECHO Level Sensor in the amount of \$2,995 was presented. It was moved by Markham, supported by Nash, to authorize the purchase of an ADS ECHO Level Sensor in the amount of \$2,995 as presented.

ADOPTED: Yeas - 2  
Nays - 0

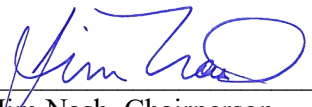
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$12,792.19 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$12,792.19.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2  
Nays - 0

There being no further business, the meeting was adjourned.

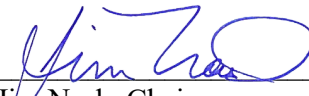
  
Jim Nash, Chairperson

---

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Birmingham CSO Drain, Oakland County, Michigan, held on the 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Birmingham CSO Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: September 24, 2024



**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the BIRMINGHAM CSO DRAIN

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

**DATE:** October 22, 2024

**SUBJECT:** Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund  
for the period ending October 16, 2024.

Date	Ref No.	For	Amount
07/31/24	JE# 029755	Jul 2024 Storm Water Flow Charges	\$38,349.83
		Highland Park Bad Debt Recovery Credit	(\$15,859.74)
08/31/24	JE# 030511	Aug 2024 Storm Water Flow Charges	38,349.83
09/30/24	JE# 031427	Sep 2024 Storm Water Flow Charges	38,349.83
		Total	<u>\$99,189.75</u>

MEMO TO: Mr. Jim Nash, Chairman  
of the Drainage Board for the BIRMINGHAM CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

DATE: October 22, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices  
for the period ending October 17, 2024

G/L Date	Ref No.	Paid To	For	Amount
10/8/2024	V # SINV00294204	Detroit Pump & Mfg Co	Invoice # 1083467 - Contracted Services	\$ 4,083.00
			<b>Total</b>	<b>\$ 4,083.00</b>
9/24/2024	V # SINV00289549	Detroit Pump & Mfg Co	Invoice # 1083782 - Equipment Pumps _ Proj 1-7539	\$ 71,528.00
			<b>Project # 1-7539 Total</b>	<b>\$ 71,528.00</b>
9/30/2024	V # SINV00291635	Fishbeck	Invoice # 442490 - Contracted Services - Proj 1-7648	\$ 3,120.50
10/15/2024	V # SINV00295748	Fishbeck	Invoice # 443133 - Contracted Services - Proj 1-7648	\$ 1,276.00
			<b>Project # 1-7648 Total</b>	<b>\$ 4,396.50</b>
10/2/2024	V # SINV00292454	D' Angelo Brothers Inc	Invoice # 112224-39 - Contracted Services - Proj 1-7696	\$ 36,669.52
			<b>Project # 1-7696 Total</b>	<b>\$ 36,669.52</b>
			<b>Grand Total</b>	<b>\$ 116,677.02</b>

## **4. Bloomfield Village CSO**

## **AGENDA**

### **DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$120,319.55
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$34,226.42
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE BLOOMFIELD VILLAGE CSO DRAIN**

September 24, 2024

A meeting of the Drainage Board for the Bloomfield Village CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: None.

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 3  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

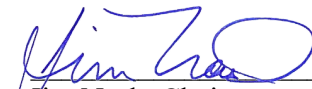
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$21,507.56 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$21,507.56.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward and Ms. Markham

ADOPTED: Yeas - 3  
Nays - 0

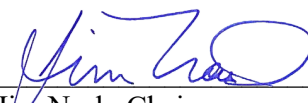
There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson

STATE OF MICHIGAN                     )  
  )SS.  
COUNTY OF OAKLAND                 )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Bloomfield Village CSO Drain, Oakland County, Michigan, held on the 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for Bloomfield Village CSO Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: September 24, 2024

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the BLOOMFIELD VILLAGE CSO DRAIN

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

**DATE:** October 22, 2024

**SUBJECT:** Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund  
for the period ending October 16, 2024.

Date	Ref No.	For	Amount
07/31/24	JE# 029755	Jul 2024 Storm Water Flow Charges	\$46,596.25
		Highland Park Bad Debt Recovery Credit	(\$19,469.20)
08/31/24	JE# 030511	Aug 2024 Storm Water Flow Charges	46,596.25
09/30/24	JE# 031427	Sep 2024 Storm Water Flow Charges	46,596.25
		Total	<u>\$120,319.55</u>

MEMO TO: Mr. Jim Nash, Chairman  
of the Drainage Board for the BLOOMFIELD VILLAGE CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

 for Shawn Phelps

DATE: October 22, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices  
for the period ending October 17, 2024

G/L Date	Ref No.	Paid To	For	Amount
9/24/2024	V # SIN00289552	ICS Integration Services LLC	Invoice # 3073 - Contracted Services	\$ 2,586.57
10/7/2024	V # SIN00293679	Pro-Seal Service Group	Invoice # 242383 - Materials and Supplies	11,356.93
			Total	<u>\$ 13,943.50</u>
9/27/2024	V # SIN00290788	ICS Integration Services LLC	Invoice # 3099 - Contracted Services - Proj 1-7069	\$ 2,412.00
9/24/2024	V # SIN00289536	CSM Mechanical LLC	Invoice # 3950 - Contracted Services - Proj # 1-7069	7,912.50
			Project # 1-7069 Total	<u>\$ 10,324.50</u>
9/30/2024	V # SIN00291635	Fishbeck	Invoice # 442490 - Contracted Services - Proj 1-7651	\$ 4,436.50
10/15/2024	V # SIN00295748	Fishbeck	Invoice # 443133 - Contracted Services - Proj 1-7651	502.00
			Project # 1-7651 Total	<u>\$ 4,938.50</u>
10/15/2024	V # SIN00295752	Hubbell Roth & Clark Inc	Invoice # 0220546 - Contracted Services - 09/24/24 - Proj 1-7088	\$ 4,283.12
10/15/2024	V # SIN00295750	Hubbell Roth & Clark Inc	Invoice # 0220728 - Contracted Services - 09/30/24 - Proj 1-7088	736.80
			Project # 1-7088 Total	<u>\$ 5,019.92</u>
			Grand Total	<u>\$ 34,226.42</u>



## **5. George W. Kuhn Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present Construction Estimate No. 4 for Rolls Mechanical for Construction of the HomeGuard Program in the amount of \$31,801.84
5. Present Construction Estimate No. 4 for TSP Services, Inc. for Construction of the GWK Parking Lot and Green Infrastructure – Phase 1 in the amount of \$34,142.00
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$207,418.19
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE GEORGE W. KUHN DRAIN**

September 24, 2024

A meeting of the Drainage Board for the George W. Kuhn Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: None.

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A memorandum from Lesli Maes, P.E., Operations Engineer, dated September 24, 2024, requesting the Board to authorize staff to issue notice to proceed to AECOM Technical Services of Michigan Inc., authorize staff to amend its existing contract to add an amount not-to-exceed \$45,300, authorize staff to extend the contract expiration date for one additional year, and authorize funding the work from the Drainage District's Major Maintenance Reserves was presented. It was moved by Markham, supported by Woodward to authorize staff to issue notice to proceed to AECOM Technical Services of Michigan Inc., authorize staff to amend its existing contract to add an amount not-to-exceed \$45,300, authorize staff to extend the contract expiration date for one additional year, and authorize funding the work from the Drainage District's Major Maintenance Reserves as presented.

ADOPTED: Yeas - 3  
Nays - 0

Construction Estimate No. 3 for Rolls Mechanical for construction of the HomeGuard Program in the amount of \$29,181.68 was presented. It was moved by Markham, supported by Woodward, to approve Construction Estimate No. 3 for Rolls Mechanical for construction of the HomeGuard Program in the amount of \$29,181.68 as presented.

ADOPTED: Yeas - 3

Nays - 0

Construction Estimate No. 4 for Pipeline Management Company for construction of the 2024 GWK Sewer Cleaning and Inspection in the amount of \$164,863.69 with a transfer to the Oakland County Treasurer in the amount of \$8,931.19 was presented. It was moved by Markham, supported by Woodward, to approve Construction Estimate No. 4 for Pipeline Management Company for construction of the 2024 GWK Sewer Cleaning and Inspection in the amount of \$164,863.69 with a transfer to the Oakland County Treasurer in the amount of \$8,931.19 as presented.

ADOPTED: Yeas - 3  
Nays - 0

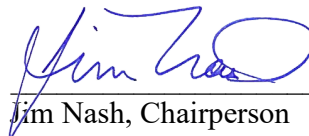
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$66,725.05 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$66,725.05.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward and Ms. Markham

ADOPTED: Yeas - 3  
Nays - 0

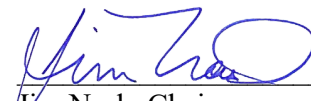
There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the George W. Kuhn Drain, Oakland County, Michigan, held on the 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for George W. Kuhn Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: September 24, 2024

**Jim Nash, Oakland County Water Resources Commissioner  
GWK Drain Drainage District  
For Construction of the HomeGuard Program  
City of Berkley  
Oakland County, Michigan**

Construction Estimate No. 4

September 1, 2024 to September 30, 2024

Department No. : 6010101  
Fund No. : 58510  
Project No. : 1-7120

Account No. : 730373  
Program No. : 149662  
Activity : STD  
Vendor No. : 30038  
Contract No. : CON00010963  
Date of Contract : 6/13/2024  
Completion Date : NA

Contractor :  
Rolls Mechanical  
1490 Torrey Road  
Fenton, MI 48430

Original Contract Amount: \$750,000.00

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

**Adjusted Contract Amount:** **\$750,000.00**

Subtotal To Date: (Sheet 2 of 2 Column 7) \$119,995.02

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$1,000.00

Gross Estimate: (Work in Place) \$118,995.02

Less Previous Estimates: \$87,291.66

Net Payment Request To Be Paid To Contractor: \$31,801.84

\*note this includes a correction payment of \$98.48 for a shortage from Estimate No. 2

Balance of Contract To Date ☒ \$630,004.98 Accounting Auditor: BCR 10/15/2024

Prepared by: Jen Cook  
Jen Cook, P.E. - Project Engineer

Date: 10/15/2024

Recommended by: James Burton  
James Burton, P.E. - Consulting Engineer

Date: 10/15/24

Approved by: Joel Brown  
Joel Brown, P.E. - Chief Engineer

Date: 10/15/2024

Approved by Board on: \_\_\_\_\_

**Jim Nash, Oakland County Water Resources Commissioner  
GWK Drain Drainage District  
For Construction of the GWK Parking Lot and Green Infrastructure - Phase I  
Madison Heights  
Oakland County, Michigan**

Construction Estimate No. 4

September 1, 2024 to September 30, 2024

Department No.: 6010101

Fund No.: 58520

Project No.: 13484

Purchase Order No. : PO00058359

Account No.: 730373

Program No.: 149667

Activity: STD

Vendor No. : 22413

Contract No. : 10860

Date of Contract: 4/17/2024

Completion Date: 4/16/2026

Contractor:

TSP Services, Inc.

25000 Capitol

Redford, MI 48239

Original Contract Amount: \$395,392.00

Previous Change Order Numbers (CO.1): \$1,970.60

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

Total Net Change Orders: \$1,970.60

Adjusted Contract Amount: \$397,362.60

Subtotal To Date: (Sheet 2 of 2 Column 7) \$366,814.70

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 92.31% \$366,814.70

Less Amount Reserved: (5% of Adjusted Contract Amount) \$19,868.13

Total Amount Allowed To Date: \$346,946.57

Less Previous Estimates: \$312,804.57

Net Payment Request To Be Paid To Contractor: \$34,142.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date ☒ \$30,547.90 Accounting Auditor: *BCR* 10/11/2024Less Previous Transfers To Reserve: \$19,868.13 ☒

Amount of Current Transfer: \$0.00

Prepared by:

*Lesli Maes*

Lesli Maes, P.E. - Project Engineer

Date: 10/8/2024

Recommended by:

*Jamie Burton*  
Jamie Burton, P.E. - Consulting Engineer

Date:

Approved by:

*Evangelos Bantios*

Evans Bantios, P.E. - Chief Engineer

Date: 10-11-2024

Approved by Board on:

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Jim Nash, Oakland County Water Resources Commissioner  
GWK Drain Drainage District  
For Construction of the GWK Parking Lot and Green Infrastructure - Phase I  
Madison Heights  
Oakland County, Michigan

Construction Estimate No. 4		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
1	Permit Allowance	2,500	Dlr	\$ 1.00	0.0	175.1	175.1	\$175.10	\$0.00
2	Mobilization (Max 5%)	1	LS	\$ 18,000.00	0.0	1.0	1.0	\$18,000.00	\$0.00
3	Dr Structure Cover, Rem and Salv	1	Ea	\$ 300.00	0.0	1.0	1.0	\$300.00	\$0.00
4	Curb and Gutter, Rem	31	Ft	\$ 65.00	0.0	31.0	31.0	\$2,015.00	\$0.00
6	Subgrade Undercutting, Type IV, Modified	50	Cyd	\$ 50.00	0.0	18.0	18.0	\$902.00	\$0.00
7	Site Grading	1	Ac	\$ 10,000.00	0.0	0.8	0.8	\$7,800.00	\$0.00
8	Erosion Control, Gravel Access Approach	1	Ea	\$ 2,500.00	0.0	1.0	1.0	\$2,500.00	\$0.00
9	Erosion Control, Inlet Protection, Fabric Drop	6	Ea	\$ 150.00	0.0	6.0	6.0	\$900.00	\$0.00
10	Erosion Control, Silt Fence	280	Ft	\$ 5.00	0.0	280.0	280.0	\$1,400.00	\$0.00
11	Erosion Control, Mulch Blanket	5,000	Sft	\$ 3.00	0.0	5000.0	5000.0	\$15,000.00	\$0.00
12	Bio-Retention Choker Layer	8	Cyd	\$ 500.00	0.0	8.0	8.0	\$4,000.00	\$0.00
13	Bio-Retention Reservoir Layer	9	Cyd	\$ 750.00	0.0	9.0	9.0	\$6,750.00	\$0.00
14	Aggregate Base, 6 inch	1,530	Syd	\$ 9.00	0.0	1905.0	1905.0	\$17,145.00	\$0.00
15	Road Grade Biaxial Geogrid	1,400	Syd	\$ 20.00	0.0	1400.0	1400.0	\$28,000.00	\$0.00
16	Geotextile, Stabilization, Non-Woven	1,400	Syd	\$ 5.00	0.0	1400.0	1400.0	\$7,000.00	\$0.00
17	Sewer, Cl A, 6 inch, Special	95	Ft	\$ 60.00	0.0	95.0	95.0	\$5,700.00	\$0.00
18	Sewer, Cl A, 12 inch, Special	20	Ft	\$ 90.00	0.0	20.0	20.0	\$1,800.00	\$0.00
19	Standpipe, 24 inch, Special	1	Ea	\$ 1,000.00	0.0	1.0	1.0	\$1,000.00	\$0.00
20	Dr Structure, Tap, 12 inch, Special	1	Ea	\$ 500.00	0.0	1.0	1.0	\$500.00	\$0.00
21	Dr Structure Cover, Type B	1	Ea	\$ 1,500.00	0.0	1.0	1.0	\$1,500.00	\$0.00
22	Dr Structure Cover, Adj, Case 1	1	Ea	\$ 500.00	0.0	1.0	1.0	\$500.00	\$0.00
23	Dr Structure, Cleaning	5	Ea	\$ 500.00	5.0	0.0	5.0	\$2,500.00	\$2,500.00
24	HMA Surface, Rem	750	Syd	\$ 18.00	0.0	750.0	750.0	\$13,500.00	\$0.00
27	Curb and Gutter, Conc, Det F2	260	Ft	\$ 45.00	0.0	260.0	260.0	\$11,700.00	\$0.00
28	Curb and Gutter, Conc, Det F2, Modified	285	Ft	\$ 45.00	16.0	285.0	301.0	\$13,545.00	\$720.00
29	Spillway, Conc, Modified	4	Ea	\$ 1,500.00	0.0	4.0	4.0	\$6,000.00	\$0.00
30	Fence, Protective	150	Ft	\$ 20.00	0.0	150.0	150.0	\$3,000.00	\$0.00
31	Project Sign	1	LS	\$ 750.00	0.0	0.0	0.0	\$0.00	\$0.00
32	Pavt Mrkg, Rem	162	Ft	\$ 20.00	0.0	162.0	162.0	\$3,240.00	\$0.00
33	Pavt Mrkg, Waterborne, for Rest Areas, Parks & Lots, 4 inch, Yellow	580	Ft	\$ 8.00	580.0	0.0	580.0	\$4,640.00	\$4,640.00
34	Pavt Mrkg, Waterborne, for Rest Areas, Parks & Lots, 4 inch, Blue	327	Ft	\$ 10.00	327.0	0.0	327.0	\$3,270.00	\$3,270.00
35	Pavt Mrkg, Ovly Cold Plastic, Accessible	1	Ea	\$ 500.00	1.0	0.0	1.0	\$500.00	\$500.00
36	Swale, Plain Cobble	50	Syd	\$ 50.00	0.0	50.0	50.0	\$2,500.00	\$0.00
37	Perennial Plantings	114	Ea	\$ 42.00	86.0	0.0	86.0	\$3,612.00	\$3,612.00
38	Plug Plantings	2,192	Ea	\$ 7.50	1754.0	0.0	1754.0	\$13,155.00	\$13,155.00
39	Shrub Plantings	42	Ea	\$ 102.00	0.0	0.0	0.0	\$0.00	\$0.00
40	Acer ginnala, 5 foot B&B	2	Ea	\$ 840.00	2.0	0.0	2.0	\$1,680.00	\$1,680.00
41	Acer campestre, 1 inch to 1-1/2 inch B&B	2	Ea	\$ 840.00	2.0	0.0	2.0	\$1,680.00	\$1,680.00
42	Celtis occidentalis, 1 inch to 1-1/2 inch B&B	2	Ea	\$ 390.00	0.0	0.0	0.0	\$0.00	\$0.00
43	Plantanus x acerifolia, 1 inch to 1-1/2 inch B&B	4	Ea	\$ 720.00	0.0	0.0	0.0	\$0.00	\$0.00
44	Quercus macrocarpa, 1 inch to 1-1/2 inch B&B	3	Ea	\$ 390.00	0.0	0.0	0.0	\$0.00	\$0.00
45	Tilia cordata, 1 inch to 1-1/2 inch B&B	5	Ea	\$ 840.00	0.0	0.0	0.0	\$0.00	\$0.00
46	Hardwood Mulch (Bio-Retention Area and Trees)	30	Cyd	\$ 95.00	24.0	0.0	24.0	\$2,280.00	\$2,280.00
47	Bio-Retention Soil Mix	575	Syd	\$ 40.00	0.0	575.0	575.0	\$23,000.00	\$0.00
48	Seeding, Erosion Control Overseeding Mixture	17.5	Lb	\$ 6.00	17.5	0.0	17.5	\$105.00	\$105.00
49	Site Restoration	1	LS	\$ 12,000.00	0.0	1.0	1.0	\$12,000.00	\$0.00
50	One-Year Vegetation Maintenance and Guarantee	1	LS	\$ 15,000.00	0.0	0.0	0.0	\$0.00	\$0.00
52	Sewer, Cleanout, 6 inch, Special	1	Ea	\$ 1,250.00	0.0	1.0	1.0	\$1,250.00	\$0.00
53	Excavation, Earth	975	Cyd	\$ 15.00	0.0	1200.0	1200.0	\$18,000.00	\$0.00
54	Conc Pavt, Nonreinf, 7 inch	1,400	Syd	\$ 72.00	0.0	1400.0	1400.0	\$100,800.00	\$0.00
55						0.0	0.0	\$0.00	\$0.00
56						0.0	0.0	\$0.00	\$0.00
57						0.0	0.0	\$0.00	\$0.00
58						0.0	0.0	\$0.00	\$0.00
59						0.0	0.0	\$0.00	\$0.00
60						0.0	0.0	\$0.00	\$0.00
61						0.0	0.0	\$0.00	\$0.00
62						0.0	0.0	\$0.00	\$0.00
63						0.0	0.0	\$0.00	\$0.00
64						0.0	0.0	\$0.00	\$0.00
65						0.0	0.0	\$0.00	\$0.00
66						0.0	0.0	\$0.00	\$0.00
67						0.0	0.0	\$0.00	\$0.00

Change Orders:

1-1	Edge Drain Installation and Tie In	1.0	Ea	\$ 1,970.60	0.0	1.0	1.0	\$1,970.60	\$0.00

Stored Material:

						0.0	0.0	\$0.00	\$0.00

Deductions:

						0.0	0.0	\$0.00	\$0.00

Total Amount to Date	\$364,844.10
Total Amount This Estimate	\$34,142.00
Change Orders to Date	\$1,970.60
Change Orders This Estimate	\$0.00
Stored Materials to Date	\$0.00
Stored Materials This Estimate	\$0.00
Subtotal to Date	\$366,814.70
Subtotal This Estimate	\$34,142.00
Deductions to Date	\$0.00
Deductions This Estimate	\$0.00
Payment This Estimate	\$34,142.00
Less Transfer to Reserve	\$0.00
Net Payment	\$34,142.00



**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the GEORGE W. KUHN DRAIN

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Board approval of payment of the following invoices:

Payable To	Ref No.	For	Amount
ICS Integration Services LLC	TBP	Invoice # 3097 - Contracted Services	\$ 3,082.00
ICS Integration Services LLC	TBP	Invoice # 3106 - Contracted Services	1,072.00
Dickinson Wright PLLC	TBP	Invoice # 1959563 - Legal Services - 08/31/24	344.50
Dickinson Wright PLLC	TBP	Invoice # 1959567 - Legal Services - 08/31/24	5,577.10
Dickinson Wright PLLC	TBP	Invoice # 1959573 - Legal Services - 08/31/24	5,919.10
Dickinson Wright PLLC	TBP	Invoice # 1959574 - Legal Services - 08/31/24	8,539.10
Dickinson Wright PLLC	TBP	Invoice # 1959579 - Legal Services - 08/31/24	12,259.45
Dickinson Wright PLLC	TBP	Invoice # 1959599 - Legal Services - 08/31/24	14,586.30
Dickinson Wright PLLC	TBP	Invoice # 1966108 - Legal Services - 10/01/24	20,315.40
Dickinson Wright PLLC	TBP	Invoice # 1966114 - Legal Services - 10/01/24	37,161.20
Dickinson Wright PLLC	TBP	Invoice # 1966116 - Legal Services - 10/01/24	3,372.50
Dickinson Wright PLLC	TBP	Invoice # 1966118 - Legal Services - 10/01/24	953.24
Dickinson Wright PLLC	TBP	Invoice # 1966120 - Legal Services - 10/01/24	528.00
Dickinson Wright PLLC	TBP	Invoice # 1966121 - Legal Services - 10/01/24	11,222.60
<b>Total</b>			<b>\$ 124,932.49</b>
Hubbell, Roth, & Clark Inc	TBP	Invoice # 0220823 - Contracted Services - 9/30/24 - Proj 1-3484	\$ 5,547.99
Hubbell, Roth, & Clark Inc	TBP	Invoice # 0220827 - Contracted Services - 9/30/24 - Proj 1-3484	3,754.24
<b>Project 1-3484</b>			<b>\$ 9,302.23</b>
NTH Consultants, Ltd	TBP	Invoice # 637227 - Contracted Services - 09/27/24 - Proj 1-7690	\$ 19,892.72
<b>Project 1-7690</b>			<b>\$ 19,892.72</b>
CDM Smith	TBP	Invoice # 90216757 - Contracted Services - Proj 1-7689	\$ 53,290.75
<b>Project 1-7689</b>			<b>\$ 53,290.75</b>
<b>Total</b>			<b>\$ 207,418.19</b>

## **6. Clinton River Water Resource Recovery Facility**

**AGENDA**  
**DRAINAGE BOARD FOR**  
**THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present Construction Estimate No. 3 for Clark Construction Company for Construction of the Optimization I Project in the amount of \$325,140.15 with a transfer to the Oakland County Treasurer in the amount of \$36,126.68
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$295,494.30
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$126,850.75
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**

September 24, 2024

A meeting of the Drainage Board for the Clinton River Water Resource Recovery Facility was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A proposal from Gallagher regarding the renewal of the General Liability, Public Official Liability Policy, and Pollution Liability was presented. It was moved by Markham, supported by Nash, to authorize the Chairperson to bind coverage in accordance with the insurance proposal recommendations from Gallagher with Liberty Mutual and approve payment of any premium and/or other invoices associated with the policy renewals.

ADOPTED: Yeas - 2  
Nays - 0

A memorandum from John Basch, Drainage District Legal Counsel, dated September 24, 2024, requesting the Board authorize the Chairperson to execute the attached consent agreement and accept a payment of \$50,000 as full satisfaction of fines along with any and all reimbursable costs associated with this matter was presented. It was moved by Markham, supported by Nash, to authorize the Chairperson to execute the attached consent agreement and accept a payment of \$50,000 as full satisfaction of fines along with any and all reimbursable costs associated with this matter as presented.

ADOPTED: Yeas - 2  
Nays - 0

Construction Estimate No. 1 for Clark Construction Company for Construction of the Optimization I Project in the amount of \$1,518,256.36 with a transfer to the Oakland County Treasurer in the amount of \$168,695.15 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 1 for Clark Construction Company for Construction of the Optimization I Project in the amount of \$1,518,256.36 with a transfer to the Oakland County Treasurer in the amount of \$168,695.15 as presented.

ADOPTED: Yeas - 2  
Nays - 0

Construction Estimate No. 2 for Clark Construction Company for Construction of the Optimization I Project in the amount of \$3,189,554.87 with a transfer to the Oakland County Treasurer in the amount of \$354,394.99 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 2 for Clark Construction Company for Construction of the Optimization I Project in the amount of \$3,189,554.87 with a transfer to the Oakland County Treasurer in the amount of \$354,394.99 as presented.

ADOPTED: Yeas - 2  
Nays - 0

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$400,615.90 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$400,615.90.

ADOPTED: Yeas - 2  
Nays - 0

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$76,650.63 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$76,650.63.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2  
Nays - 0

There being no further business, the meeting was adjourned.

---

Jim Nash, Chairperson

STATE OF MICHIGAN                     )  
  )SS.  
COUNTY OF OAKLAND                 )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Clinton River Water Resource Recovery Facility.

---

Jim Nash, Chairperson

Dated: September 24, 2024

**Jim Nash, Oakland County Water Resources Commissioner**  
**Clinton River Water Resource Recovery Facility (CRWRRF) Drainage District**  
**For Construction of the CRWRRF Optimization I**  
**City of Pontiac**  
**Oakland County, Michigan**

Construction Estimate No. 3 ✓

Period: September 1, 2024 to September 30, 2024 ✓

Department No. : 6010101  
Fund No. : 84686  
Project No. : PRJ-17461

PO No. PO 00043820  
Account No. : 731472  
Program No. : 149015  
Activity : FAC  
Vendor No. : 40855  
Contract No. : CON00010566

Contractor :  
Clark Construction Company  
2660 Superior Court  
Auburn Hills, MI 48326

Notice to Proceed : 11/17/2023  
Substantial Completion Date : 11/16/2026  
Final Completion Date : 01/30/2027

Original Contract Amount: \$30,550,434.00

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$30,550,434.00

Subtotal To Date: (Sheet 2 of 2 Column 7) \$5,592,168.19

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 18.30% \$5,592,168.19

Less Amount Reserved: (10% of Gross Estimate) \$559,216.82

Total Amount Allowed To Date: \$5,032,951.37

Less Previous Estimates: \$4,707,811.22 ✓

Net Payment Request To Be Paid To Contractor: \$325,140.15

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$24,958,265.81 ✓ Accounting Auditor: HDG 10/11/24

Less Previous Transfers To Reserve: \$523,090.14 ✓

Amount of Current Transfer: \$36,126.68

Prepared by: Razik Alsaigh  
Razik Alsaigh, P.E. - Project Engineer

Date: 10/11/2024

Recommended by: Allen Gelderboos  
Jacobs Consulting Inc - Consulting Engineer

Date: 10/11/2024

Approved by: Joel Brown  
Joel Brown, P.E. - Chief Engineer

Date: 10/17/2024

Approved by: Gary Nigro  
Gary Nigro, P.E. - Manager

Date: 10/18/2024

Approved by Board on: \_\_\_\_\_



**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the CLINTON RIVER WATER RESOURCE RECOVERY FACILITY DRAIN - (Maintenance)

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund and Invoices

Payable To	Ref No.	For	Amount
USA Blue Book	PC00040954	Pcard - Lab Supplies # INV00494709	\$ 3,054.22
USA Blue Book	PC00041329	Pcard - Lab Supplies # INV00507685	1,596.94
USA Blue Book	PC00040318	Pcard - Lab Supplies # INV00479050	2,137.23
Bob Barker	PC00041210	Pcard - Maintenance Supplies # CS90921	2,112.60
Arthur J. Gallagher Risk Management Services LLC	V # SINV00295435	Invoice # 5302054 - Insurance - Public Officials Liability	69,908.00
Arthur J. Gallagher Risk Management Services LLC	V # SINV00295666	Invoice # 5302057 - Insurance - GL & POL Liability	21,562.00
Arthur J. Gallagher Risk Management Services LLC	V # SINV00295667	Invoice # 5302569 - Insurance - CRWRRFDD Premises Pollution Liability	24,198.00
D3W Industries	V # SINV00289940	Invoice # 4711 - Material and Supplies	5,720.00
D3W Industries	V # SINV00289941	Invoice # 4790 - Material and Supplies	5,720.00
DuBois-Cooper	V # SINV00289541	Invoice # 9192024 - Material and Supplies	1,136.00
Eurofins Environment Testing	V # SINV00295687	Invoice # 190005552 - Lab Fees	1,057.20
Eurofins Environment Testing	V # SINV00295688	Invoice # 190005553 - Lab Fees	1,057.20
Haviland Products Company	V # SINV00289943	Invoice # 518233 - Chemical Treatment	7,676.46
Haviland Products Company	TBP	Invoice # 519446 - Chemical Treatment	6,051.00
Haviland Products Company	TBP	Invoice # 519607 - Chemical Treatment	2,682.50
Haviland Products Company	TBP	Invoice # 520054 - Chemical Treatment	6,051.00
HOH Water Technology	TBP	Invoice # 686309 - Contracted Services	2,050.00
Ingersoll Rand	V # SINV00295734	Invoice # 31164130 - Equipment Maintenance	3,163.53
LaSalle Agri Inc	V # SINV00293678	Invoice # 50 - Land Application	5,946.85
PVS Technologies Inc	V # SINV00289548	Invoice # 364350 - Chemical Treatment	5,751.24
PVS Technologies Inc	V # SINV00289951	Invoice # 364485 - Chemical Treatment	2,236.08
PVS Technologies Inc	V # SINV00289949	Invoice # 364530 - Chemical Treatment	5,186.28
PVS Technologies Inc	V # SINV00290984	Invoice # 365045 - Chemical Treatment	2,671.68
PVS Technologies Inc	V # SINV00293681	Invoice # 365188 - Chemical Treatment	2,592.48
PVS Technologies Inc	TBP	Invoice # 365681 - Chemical Treatment	2,715.24
Polydyne Inc	V # SINV00291078	Invoice # 1867872 - Chemical Treatment	38,844.00
Pro-Seal Service Group	V # SINV00289947	Invoice # 242713 - Material and Supplies	1,700.00
Saber Building Services Inc	TBP	Invoice # 45574 - Contracted Services - Oct 2024	1,800.00
United Lawnscape	V # SINV00295743	Invoice # UE 622415 - Contracted Services	4,704.00
United Lawnscape	V # SINV00295744	Invoice # UE 622416 - Contracted Services	2,428.00
US Geological Survey	V # SINV00289750	Invoice # 91194856 - Stream Gauge Program	3,096.50
Waste Management	V # SINV00295746	Invoice # 8786183 -1714-2 Garbage & Rubbish Disposal	1,645.56
<b>Subtotal</b>			<b>\$ 248,251.79</b>
Jacobs	V # SINV00295738	Invoice # C6A19600-17- Engineering & Survey - Proj # 1-7550	21,725.79
<b>Subtotal - Project 1-7550</b>			<b>\$ 21,725.79</b>
Hamlett Engineering/HESCO Group LLC	V # SINV00289547	Invoice # 242520 - Material and Supplies - Proj # 1-7514	\$ 1,387.00
<b>Subtotal - Project 1-7514</b>			<b>\$ 1,387.00</b>
			\$ -
Tetra Tech, Inc	V # SINV00295742	Invoice # 52297275 - Engineering & Survey - 08/23/24 - Proj # 1-7571	\$ 1,845.00
<b>Subtotal - Project 1-7571</b>			<b>\$ 1,845.00</b>
OHM Advisors	V # SINV00295740	Invoice # 80671 - Professional Services - 9/30/24 Proj # 1-7047	\$ 5,869.75
<b>Subtotal - Project 1-7047</b>			<b>\$ 5,869.75</b>
NTH Consultants Ltd	V # SINV00289945	Invoice # 637105 - Engineering & Survey - Proj # 1-7127	\$ 241.00
<b>Subtotal - Project 1-7127</b>			<b>\$ 241.00</b>

Tetra Tech Inc	V # SINV00296136	Invoice # 52318364 - Contracted Services - 09/27/24 Proj # 1-3485	\$	1,090.65
Galloup Forberg Smith Merlo Energy	PC00040317	Pcard - Materials and Supplies # S114358440.001 - Proj # 1-3485		7,546.80
Galloup Forberg Smith Merlo Energy	PC00040062	Pcard - Materials and Supplies # S114685645.002 - Proj # 1-3485		1,352.52
		<b>Subtotal - Project 1-3485</b>	<b>\$</b>	<b>9,989.97</b>
FCX Performance Inc	V # SINV00290790	Invoice # 5317116 - Contracted Services - Proj # 1-3492	\$	6,184.00
		<b>Subtotal - Project 1-3492</b>	<b>\$</b>	<b>6,184.00</b>
		<b>Grand Total</b>	<b>\$</b>	<b>295,494.30</b>

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the CLINTON RIVER WATER RESOURCE RECOVERY FACILITY DRAIN - (Construction)

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Board approval of payment of the following invoices:

	Ref No.	For	Amount
CDM Smith, Inc	TBP	Invoice # 90216763 - Engineering & Survey - 09/30/24 - Proj 1-2181	\$ 5,767.33
CSM Mechanical	TBP	Invoice # 3841 - Project Construction & Improvement - Proj #1-2181	14,781.13
NTH Consultants Ltd	V # SINV00294727	Invoice # 637230- Engineering Admin - 09/27/24 - Proj # 1-2181	1,111.50
		<b>Total for Project # 1-2181</b>	<b>\$ 21,659.96</b>
Jacobs Consultant, Inc	V # SINV00291093	Invoice # C6A21700-21 - Engineering and Survey - 09/20/24 - Proj # 1-7461	\$ 62,639.03
		<b>Total for Project # 1-7461</b>	<b>\$ 62,639.03</b>
Jacobs Consultant, Inc	TBP	Invoice # C6A21702-08 - Engineering and Survey - 08/24/24 - 09/20/24 - Proj #1-7720	\$ 42,551.76
		<b>Total for Project # 1-7720</b>	<b>\$ 42,551.76</b>
		<b>Total</b>	<b>\$ 126,850.75</b>

## **7. Joachim Relief Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE JOACHIM RELIEF DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of August 27, 2024
3. Public Comments
4. Present Memorandum from Geoff Wilson, P.E., Chief Engineer, dated October 22, 2024, requesting the Board:
  - a) Award the contract to Pipeline Management, contingent upon staff review of all documentation, bonds, and insurance, for the as-bid amount of \$519,590
  - b) Amend the total HRC engineering services budget to \$90,000
  - c) Approve the proposed budget of \$703,526
5. Present Project Assessment Recommendation in the amount of \$109,936.00
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$6,210.48
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE JOACHIM RELIEF DRAIN**

August 27, 2024

A meeting of the Drainage Board for the Joachim Relief Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 27<sup>th</sup> day of August 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held May 21, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

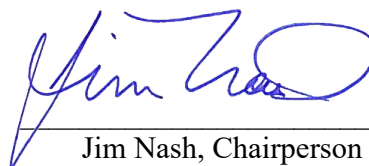
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$21,589.72 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$21,589.72.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2  
Nays - 0

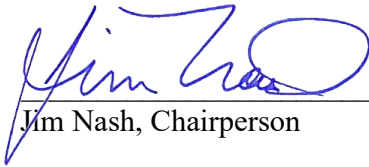
There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Joachim Relief Drain, Oakland County, Michigan, held on the 27<sup>th</sup> day of August 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Joachim Relief Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: August 27, 2024

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

**TO:** Jim Nash, Chairperson of the Joachim Drain Drainage Board

**FROM:** Geoff S. Wilson, P.E. – Chief Engineer

**SUBJECT:** Joachim Drain CWSRF Repairs – Bid Award, Engineering Services Budget, and Project Budget

**DATE:** October 22, 2024

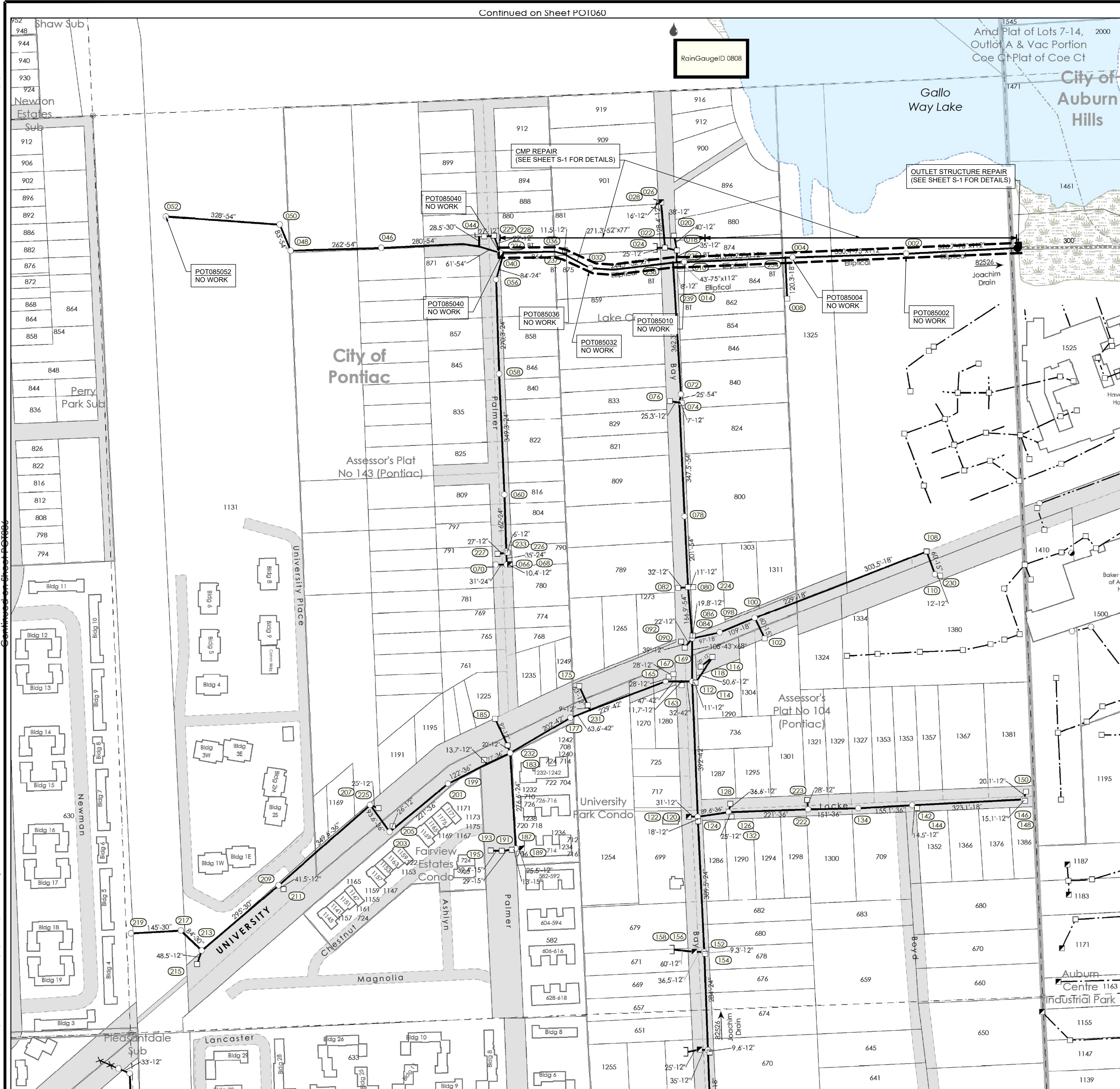
Bids were received for the Joachim Drain CWSRF Repairs project. Pipeline Management was the low bidder with an amount of \$519,590. Pipeline Management has worked on many trenchless repair projects for Oakland County Water Resources Commissioner's Office and is competent to perform the work prescribed. The bid amount was above the engineers' estimate of cost, but the CWSRF was approved by EGLE for an amendment adding \$178,590 to the grant.

Hubbell, Roth and Clark, Inc. provided design services and bidding assistance for the project and will be providing construction engineering and inspection services during the construction phase. Upon receipt of the bids, HRC determined additional project budget would be needed for construction inspection services. The original budget was set prior to the scope of work being finalized, and the total number of inspection days has increased since that time. The proposed budget was reviewed by staff and is reasonable for the work to be completed. The requested amended budget would be an increase of \$16,000 from the previous budget.

**Requested Action:**

- 1.) Award the contract to Pipeline Management, contingent upon staff review of all documentation, bonds, and insurance, for the as-bid amount of \$519,590.
- 2.) Amend the total HRC engineering services budget to \$90,000.
- 3.) Approve the proposed project budget of \$703,526.





**DISCLAIMER:**  
The information displayed in this map is compiled from recorded deeds, plats, tax maps, surveys and other public records. Although this information is intended to accurately reflect public information, it is not a legally recorded map or survey and is not intended to be used as one. Users should consult primary/original information sources where appropriate.

## JOACHIM RELIEF DRAIN

One Public Works Drive  
Building 95 West  
Waterford, Michigan  
48328-1907

NE  
Section 22

**PONTIAC**  
**STORM DRAIN SYSTEMS**  
Township of Pontiac

**SHEET  
085**

HRC JOB NO.	20220981
DATE	July 2024

SCALE	None
SHEET NO.	C-1

## DIVISION 1

**OAKLAND COUNTY WATER RESOURCES  
COMMISSION**

# JOACHIM DRAIN DRAINAGE DISTRICT IMPROVEMENT

08-08-2024	ISSUED FOR BID
06-04-2024	100% OWNER'S REVIEW
05-03-2024	ISSUED FOR 50% OWNER REVIEW
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	FB
DRAWN	CB
CHECKED	KS
APPROVED	DM

**HRC**


**HUBBELL, ROTH & CLARK, INC**  
CONSULTING ENGINEERS SINCE 1915

555 HULET DRIVE  
BLOOMFIELD HILLS, MICH.

P.O. BOX 824  
48303 - 0824

PHONE: (248) 454-6300  
FAX (1st Floor): (248) 454-6312  
FAX (2nd Floor): (248) 454-6359

WEB SITE: [www.hrcengr.com](http://www.hrcengr.com)



**WRC**  
WATER RESOURCES COMMISSIONER  
*Jim Nash*

ORIGINAL PLOT SIZE: ARCH\_D (24.00 X 36.00 INCHES)

© 2024 Hubbell, Roth & Clark, Inc. All Rights Reserved





September 23, 2024

Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, Michigan 48328

Attn: Mr. Geoff Wilson, P.E. Chief Engineer

Re: Bid Tabulation and Review of Bidding Documents  
Joachim Drain Improvements CWSRF 5897A

HRC Project No. 20220981

Dear Mr. Wilson:

A total of four (4) bids for the subject project were received on September 5, 2024, at 9:30 AM. The bids were publicly read electronically through a virtual meeting hosted on Microsoft Teams with the acknowledgement of required Bid Bond, Addenda, and other contract documents. All bidders submitted the required contracting documents with the Bid Form. The receiving base-bid ranged between a high of \$1,424,325.00 to a low bid of \$519,590.00. The Engineers Estimate for this project is \$310,00.00 plus a twenty percent contingency.

The low bidder was Pipeline Management Company (PMC), LLC. out of Milford, MI. PMC has an extensive history with sewer rehabilitation. HRC and OCWRC have previously worked with PMC on past sewer rehabilitation and maintenance projects. PMC scope of services and experience appears to be suitable for the scope of work in the project.

In our capacity as consulting engineers, it is our opinion that PMC has met the bidding requirements for this project; and is eligible to be awarded the contract amount of \$519,590.00 dollars, subject to receiving the required bonds and insurance.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Karyn Stickel, P.E.  
Senior Associate



Fatemeh Babakhani, Ph. D., P.E.  
Manager

Attachment (1) Bid Tabulation and Contractor Bid Form

pc: HRC; D. Mitchell, File  
WRC; File

Joachim Bid Tab

	Description	Quantities - Total	Unit
1	Mobilization (Max 5%)	1.00	LS
Outfall Structure Repair (Furnish and Install)			
2	Water Repellent Treatment, Penetrating Repair Type 1	40.00	SY
3	Concrete Surface Repair Type 3A	2.00	SF
4	Concrete Surface Repair Type 3B	2.00	SF
Pipe Repair (Furnish and Install)			
5	Joint Repair, Internal Band Repair Type 4	75.00	EA
6	Joint Repair, Injection Grout Repair Type 5	20.00	EA
7	Temporary Bypass Pumping	1.00	LSUM
MISCELLANEOUS (Furnish and Install)			
8	Erosion Control, Silt Fence (As Needed)	100.00	Lft
9	Erosion Control, Inlet Protection, Fabric Drop (As Needed)	10.00	Ea
10	Fence, Protective (As Needed)	100.00	Lft
11	Site Restoration	5.00	Syd
12	Audio Video Route Survey	1.00	LS
13	Traffic Control and Maintenance	1.00	LS
14	Permit Allowance (10% of Construction in ROW)	5,000.00	Dir

Pipeline Management Company, LLC  
2673 E. Maple Rd  
Milford, MI 48381  
(248) 685-1500

Unit Price	Total Cost
\$ 25,000.00	\$ 25,000.00
\$ 250.00	\$ 10,000.00
\$ 2,000.00	\$ 4,000.00
\$ 2,500.00	\$ 5,000.00
	\$ 19,000.00
\$ 4,545.00	\$ 340,875.00
\$ 2,500.00	\$ 50,000.00
\$ 50,000.00	\$ 50,000.00
	\$ 440,875.00
\$ 1.00	\$ 100.00
\$ 1.00	\$ 10.00
\$ 1.00	\$ 100.00
\$ 1.00	\$ 5.00
\$ 4,500.00	\$ 4,500.00
\$ 25,000.00	\$ 25,000.00
\$ 1.00	\$ 5,000.00
	\$ 34,715.00

\$ 519,590.00

\* bidder has  
\$530,590 for total.

D.V.M. Utilities, Inc.  
6045 Sims Rd, Suite #2  
Sterling Heights, MI 48313  
(586) 979-0402

Unit Price	Total Cost
\$ 30,000.00	\$ 30,000.00
\$ 150.00	\$ 6,000.00
\$ 1,400.00	\$ 2,800.00
\$ 1,660.00	\$ 3,320.00
	\$ 12,120.00
\$ 6,275.00	\$ 470,625.00
\$ 1,700.00	\$ 34,000.00
\$ 15,000.00	\$ 15,000.00
	\$ 519,625.00
\$ 12.00	\$ 1,200.00
\$ 165.00	\$ 1,650.00
\$ 3.75	\$ 375.00
\$ 50.00	\$ 250.00
\$ 3,000.00	\$ 3,000.00
\$ 2,000.00	\$ 2,000.00
\$ 1.00	\$ 5,000.00
	\$ 13,475.00

\$ 575,220.00

Smith's Waterproofing  
3821 Van Dyke  
Almont, MI 48003  
(810) 789-2371 / (810) 614-6224

Unit Price	Total Cost
\$ 50,000.00	\$ 50,000.00
\$ 60.00	\$ 2,400.00
\$ 500.00	\$ 1,000.00
\$ 500.00	\$ 1,000.00
	\$ 4,400.00
\$ 5,500.00	\$ 412,500.00
\$ 2,900.00	\$ 58,000.00
\$ 25,000.00	\$ 25,000.00
	\$ 495,500.00
\$ 0.01	\$ 1.00
\$ 0.01	\$ 0.10
\$ 70.00	\$ 7,000.00
\$ 1,250.00	\$ 6,250.00
\$ 20,000.00	\$ 20,000.00
\$ 10,000.00	\$ 10,000.00
\$ 1.00	\$ 5,000.00
	\$ 48,251.10

\$ 598,151.10

Inland Waters Pollution Control, Inc.  
4086 Michigan Avenue  
Detroit, MI 48210  
(313) 648-0372

Unit Price	Total Cost
\$ 70,000.00	\$ 70,000.00
\$ 125.00	\$ 5,000.00
\$ 875.00	\$ 1,750.00
\$ 875.00	\$ 1,750.00
	\$ 8,500.00
\$ 13,500.00	\$ 1,012,500.00
\$ 14,000.00	\$ 280,000.00
\$ 25,000.00	\$ 25,000.00
	\$ 1,317,500.00
\$ 15.00	\$ 1,500.00
\$ 175.00	\$ 1,750.00
\$ 25.00	\$ 2,500.00
\$ 15.00	\$ 75.00
\$ 7,500.00	\$ 7,500.00
\$ 10,000.00	\$ 10,000.00
\$ 1.00	\$ 5,000.00
	\$ 28,325.00

\$ 1,424,325.00

**BID FOR THE CONSTRUCTION OF  
JOACHIM DRAIN DRAINAGE DISTRICT IMPROVEMENTS  
CRSWF 5897A**

NAME OF BIDDER:	David Lusky
CONTRACTOR NAME:	Pipeline Management Company, LLC
ADDRESS:	2673 E. Maple Rd, Milford MI 48381
DATE:	9/5/2024
TELEPHONE NO.:	248-685-1500
CONTRACT NAME EMAIL:	DLusky@pipeline.us.com

The undersigned, as Bidder, hereby declares this Bid is made in good faith without fraud or collusion with any persons bidding or proposing to supply materials or labor, and that it has examined the Bidding Documents, all of which it understands and accepts as sufficient for purposes of constructing the Project, and is familiar with the location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance. Further, the undersigned certifies that its proposed construction methods will be compatible with the site conditions described in the above-listed information provided for bidding, as well as its own independent investigation of the field conditions.

The Bidder acknowledges that it has not received or relied upon any representations or warranties of any nature whatsoever from the Owner, its agents, representatives, or employees, as to any conditions to be encountered in accomplishing the work specifically, but not exclusively, including underground conditions, and that its bid is based solely upon the Bidder's own independent judgment.

The following documents listed below shall be compiled into one PDF in the order designated below. The PDF document shall have the Bidder's name and the document description in the file name.

Item No.	Description
1.	Bid Form, completed and signed acknowledging all addenda
2.	Certified check/Cashier's check /Bid Bond (5%)
3.	Preliminary Schedule based on the Time noted in the Agreement and an anticipated Notice to Proceed date of: 09/24/2024
4.	Completed Form DC-118 Experience and Qualification Statement
5.	Signed Vendor Certification that it is not an "Iran Linked Business"
6.	Contractor's OCIP Acknowledgement Form, if applicable
7.	Signed certification for safety compliance

The Bidder declares that it has familiarized itself with the location of the proposed work and the conditions under which it must be constructed. The Bidder shall complete the work under any job or field condition which was present and/or ascertainable prior to bidding. In addition, it shall also complete the work under whatever conditions it may create by its own sequence of construction, construction methods, or other conditions it may create, at no additional cost to the Owner.

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

The Bidder agrees that it will contract with the Owner to furnish all labor, material, tools, and equipment necessary to do all the work specified and prescribed for the completion of the above-mentioned Contract for the following named unit prices:

### BID SHEET

Item No.	Description	Qty.	Unit	Unit Price	Amount
1	Mobilization (Max 5%)	1.00	LS	25,000.00	\$25,000.00
<b>Outfall Structure Repair (Furnish and Install)</b>					
2	Water Repellent Treatment, Penetrating Repair Type 1	40.00	Syd	250.00	\$10,000.00
3	Concrete Surface Repair Type 3A	2.00	Sft	2,000.00	\$4,000.00
4	Concrete Surface Repair Type 3B	2.00	Sft	2,500.00	\$5,000.00
<b>Pipe Repair (Furnish and Install)</b>					
5	Joint Repair, Internal Band Repair Type 4	75.00	Ea	4,545.00	\$340,875.00
6	Joint Repair, Injection Grout Repair Type 5	20.00	Ea	2,500.00	\$50,000.00
<del>7</del>	<del>Sandblast &amp; Surface Coating Steel</del>	<del>20.00</del>	<del>Sft</del>	<del>250.00</del>	<del>\$5,000.00</del> <b>\$0.00</b>
<del>8</del>	<del>Deflection Repairs</del>	<del>6.00</del>	<del>Ea</del>	<del>1,000.00</del>	<del>\$6,000.00</del> <b>\$0.00</b>
9	Temporary Bypass Pumping	1.00	LS	50,000.00	\$50,000.00 removed in Addendum 1
<b>MISCELLANEOUS (Furnish and Install)</b>					
10	Erosion Control, Silt Fence (As Needed)	100.00	Lft	1.00	\$100.00
11	Erosion Control, Inlet Protection, Fabric Drop (As Needed)	10.00	Ea	1.00	10.00
12	Fence, Protective (As Needed)	100.00	Lft	1.00	\$100.00
13	Site Restoration (As Needed)	5.00	Syd	1.00	\$5.00
14	Audio Video Route Survey	1.00	LS	4,500.00	\$4,500.00
15	Traffic Control and Maintenance	1.00	LS	25,000.00	\$25,000.00
16	Permit Allowance (10% of Construction in ROW)	5,000.00	Dlr	1	\$5,000.00
TOTAL CONTRACT PRICE					<del>\$550,590.00</del> <b>\$519,590.00</b>

Note: In case of discrepancy, unit prices shall be used to determine the total amount of this bid.

### TAXES

The foregoing unit prices include all applicable Federal, State and Local taxes.

### ADDENDA

This Bid is based on the following Addenda in the table below:

Addendum Number	Date Issued
Addendum 1	8/28/2024

### SUBCONTRACTORS AND MAJOR EQUIPMENT MANUFACTURERS/SUPPLIERS

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

The Bidder agrees, in accordance with the Information for Bidders, that it is concurrently with this Bid, furnishing the Owner the required information relative to the qualifications of Bidder and Subcontractors required to be identified pursuant to the Information for Bidders. Bidder also agrees that Bidder will provide all other information as required with this Bid and/or within the times specified in the Information for Bidders or other Bidding Documents. Bidder acknowledges that this bid may be rejected if Bidder fails to provide any of the required information with this bid and/or within the times outlined in the Information for Bidders or other Contract Documents.

### BID GUARANTEE

The Bidder encloses a certified or cashier's check or Bid Bond in the amount of Five Percent (5%) of the accompanying total bid.

☐ Certified Check  
☐ Cashier's Check  
☒ Bid Bond

The Bidder hereby declares that this Bid was prepared by qualified personnel of its employ who inspected the Drawings and Specifications, read, and interpreted the Geotechnical Data and other information furnished by the Owner, and developed the Bidder's intended construction methods.

If this Bid is accepted by the Owner and the undersigned shall fail to contract as aforesaid and to furnish the required surety bonds within ten (10) calendar days of the delivery date of the Notice of Award to the successful Bidder, then the undersigned shall be considered to have abandoned the Contract, and the Certified Check, Cashier's Check, or Bid Bond accompanying this Bid shall be forfeited to the Owner.

If the Bidder enters into the Contract in accordance with this Bid, or if its Bid is rejected, then the accompanying bid guarantee shall be returned to the Bidder.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

In submitting this Bid it is understood that the right is reserved by the Owner to reject any and all bids, to waive non-material irregularities and/or informalities, and to evaluate the responsiveness and responsibility of each Bidder. The Owner reserves the right to reject any Bid submitted by any Bidder that the Owner determines is not a responsive and responsible Bidder based on information supplied by the Bidder or on any other information that the Owner receives or acquires on its own, including the Owner's experience with the Bidder. The Owner further reserves the right to reject any bid submitted by any bidder in its sole discretion and to exercise any further rights reserved to Owner in the Information for Bidders.

The Bidder shall indicate its legal status as provided herein.

**LEGAL STATUS OF BIDDER**

The Bidder shall complete the appropriate form below and complete the appropriate Resolution or Certificate.

A **Corporation** duly organized and doing business under the laws of the State of \_\_\_\_\_ for whom \_\_\_\_\_ whose signature is affixed to this Bid, is duly authorized to execute Contracts.

A **Limited Liability Company** duly organized and doing business under the laws of the State of Michigan for whom Michigan whose signature(s) is (are) affixed to this Bid, is (are) duly authorized to execute Contracts.

A **Partnership or Joint Venture**, all members of which, with addresses, are:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

An **Individual**, whose signature is affixed to this Bid.

Signed and sealed this 5th day of September, 2024.

WITNESS



\_\_\_\_\_  
Nandish Doshi

Bidder Name: Pipeline Management Company, LLC

Authorized Signature of Bidder: 

Print Name: David Lusky

Title: Owner / VP / GM

**A. IF BIDDER IS A CORPORATION, COMPLETE THE FOLLOWING:****RESOLUTION OF THE BOARD OF DIRECTORS OF \_\_\_\_\_**

The undersigned, being all of the members of the Board of Directors of \_\_\_\_\_, a \_\_\_\_\_ (state) Corporation (the "Corporation") do hereby certify that the following is a true and correct copy of the resolutions duly adopted by the Corporation on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, that the same have not been modified or rescinded and are in full force and effect and that the resolutions have been adopted in accordance with the laws of the state of incorporation, the Articles of Incorporation and the Bylaws of the Corporation and either no shareholder consent is required or any necessary shareholder consent has been obtained:

**RESOLVED**, that any one or more of the officers of the Corporation referred to below be and hereby are authorized and empowered on behalf of the Corporation to transact any and all business with the County of Oakland, State of Michigan, acting by and through its statutory agent, the Owner which the Corporation could, in any way, transact and are further authorized to execute, acknowledge and deliver on behalf of the Corporation and in its name to the Owner.

A Bid for construction of all or part of the Project in form and content as such officer deems necessary and appropriate and as approved by the Owner.

All other agreements, instruments or documents as such officer deems necessary or appropriate in conjunction with the aforementioned project.

**RESOLVED FURTHER**, that the following are the true and correct names, signatures, and titles of the officers of the Corporation referred to above:

NAMES	SIGNATURES	TITLES
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**RESOLVED FURTHER**, that the acts of said person(s) or any of them, shall at all times be given full faith and credit without the necessity of inquiry by the Owner as to any of the circumstances attending the same and that the acts and doings of authorized person(s) or any of them in respect to the subject matter hereof are hereby fully ratified, approved, adopted and confirmed; and

**RESOLVED FURTHER**, that the authorizations herein set forth shall remain in full force and effect until written notice of their modification or discontinuance shall be given to and received by the Owner at its offices.

**IN WITNESS WHEREOF**, the Board of Directors of \_\_\_\_\_ have executed this Resolution as of the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.



**B. IF BIDDER IS A LIMITED LIABILITY COMPANY, COMPLETE THE FOLLOWING:****RESOLUTION OF MEMBERS OF \_\_\_\_\_, L.L.C.**

The undersigned, being all of the members of \_\_\_\_\_, L.L.C. a \_\_\_\_\_ (state) limited liability company (the "Company") do hereby certify that the following is a true and correct copy of the resolutions duly adopted by the Company on the 1 day of \_\_\_\_\_, 20<sup>21</sup>, that the same have not been modified or rescinded and are in full force and effect and that the resolutions have been adopted in accordance with the laws of the state of incorporation, the Articles of Organization and the Operating Agreement and that no further member consent is required or any necessary member consent has been obtained:

**RESOLVED**, that any one or more of the members of the Company referred to be and hereby are authorized on behalf of the Company to transact any and all business with the County of Oakland, State of Michigan, acting by and through its statutory agent, the Owner which the Company could, in any way, transact and are further authorized to execute, acknowledge and deliver on behalf of the Company and in its name to the Owner.

A Bid for construction of all or part of the Project in form and content as the members deem necessary and appropriate and as approved by the Owner.

All other agreements, instruments or documents as the members deem necessary or appropriate in conjunction with the aforementioned project.

**RESOLVED FURTHER**, that the acts of said member(s) or any of them, shall at all times be given full faith and credit without the necessity of inquiry by the Owner as to any of the circumstances attending the same and that the acts and doings of authorized person(s) or any of them in respect to the subject matter hereof are hereby fully ratified, approved, adopted and confirmed; and

**RESOLVED FURTHER**, that the authorizations herein set forth shall remain in full force and effect until written notice of their modification or discontinuance shall be given to and received by the Owner at its offices.

**IN WITNESS WHEREOF**, the Members have executed this Resolution of \_\_\_\_\_, L.L.C. as of the 1 day of \_\_\_\_\_, 20<sup>21</sup>.



October 15, 2024

Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, Michigan 48328

Attn: Mr. Geoff Wilson, P.E., Chief Engineer

Re: Joachim Drain Drainage District Improvement HRC Job No. 20220981  
Professional and Construction Engineering Services—**Request for Budget Amendment**  
Clean Water State Revolving Fund Project No. 5897-01

Dear Mr. Wilson:

Oakland County Water Resources Commissioner (OCWRC) award Hubbell, Roth & Clark, Inc. (HRC) a \$74,000 contract on May 28, 2024, to provide professional engineering services related to the design and construction of the Joachim Drain (Drain) improvement project. OCWRC received \$412,000 in American Rescue Plan (ARP) grant funding for FY2024 for this project.

The aforementioned project was advertised for bids on August 8, 2024. OCWRC received four bids, with the lowest bid amounting to \$519,590, which exceeds the grant allocated for this construction project. To complete the project, an additional \$178,590 in funding is required. On September 9, 2024, the HRC Team formally requested this additional funding from EGLE. The EGLE Grant Unit has approved the amended budget.

In the professional engineering services proposal dated May 22, 2024, HRC requested \$34,000 to assist OCWRC with *Phase B- Bidding and Construction Phase Services*. The requested fee for Construction services was based on the proposed improvements identified during the planning phase. Now that the design phase is complete and the project has been advertised for bid, OCWRC has asked HRC to reevaluate the estimate for the CE services.

### ≡ Bidding Services:

HRC Team has been assisting OCWRC during the bidding phase, from advertising to contractor selection. Joachim Drain Improvement project was advertised for bids on August 08, 2024, with a pre-bid meeting conducted on August 15, 2024. The HRC Team addressed contractors' inquiries and issued an addendum as necessary. Following the bid opening on September 05, 2024, the HRC Team reviewed the submitted bids and prepared the bid tab, and additionally, HRC provided a recommendation letter for the ward to OCWRC.

**Spent Aug 08 through September 30, 2024= \$3,500**

The final tasks for bidding services assistance include reviewing the insurance documents and bid bonds submitted by the lowest bidder, as well as preparing the Notice of Intent to Award Letter.

**Remaining=\$1,500**

The bidding services fee, which includes completed tasks and the remaining tasks, totals \$5,000.

### ≡ Construction Phase Services:

The following tasks were considered under construction phase services:

- Responding to contractor inquiries during the project.

- Reviewing all design submittals.
- Review post-lining submittals to ensure completeness.
- Attending biweekly progress meetings, including preparing agendas and meeting minutes. It is anticipated that these meetings will be held virtually.
- Preparing change orders as needed.
- HRC will provide daily observation. 140 hours for daily observation were included in the CE services. We will provide a confined space trained person for observation. However, it was assumed that the Contractor will be responsible for the confined space plan and site safety. This proposal does not cover any Confined Space Entry Plan.
- Preparing a final punch list and project close-out documents.
- Reviewing quantities and preparing pay estimates based on quantities. Assuming one pay estimate for each month.

Not Included in this CE proposal:

- Construction Testing Services
- Construction Layout
- Confined Space Entry Plan, Equipment, and Supervisory Crew, since the contractor has indicated that they will provide this item.

Our original proposal for Construction Engineering (CE) services was developed based on the work identified during the planning phase, prior to establishing the definitive scope of work. At that time, we estimated that the observation services would require approximately 115 hours. However, following the completion of the design and the subsequent bidding process, during which we interviewed the lowest bidder, we now anticipate that the observation services will require approximately 175 hours.

The estimated cost for the construction engineering (CE) services is approximately \$50,000. This revised estimate corresponds to 10% of the construction cost based on the lowest bid. A detailed breakdown of the estimated costs is attached.

We are requesting an amendment in the amount of \$16,000 for completing Phase B- Bidding and Construction Phase Services for Joachim Drain Improvement project to our budget, which would bring the total amended budget for Phase B to \$50,000. Overall, we hereby request a contract adjustment to cover our added costs.

The table below summarizes the request budget amendment for both phases A and B.

Engineering Services	Proposal Dated Dec 18, 2023, Approved Jan 23, 2024	Requested Budget Amendment	Revised Proposal
Phase A- Preliminary Engineering and Design Phase Services	\$40,000	0	\$40,000
Phase B- Bidding and Construction Phase Services	\$34,000	\$16,000	\$50,000
<b>Total</b>	<b>\$74,000</b>	<b>\$16,000</b>	<b>\$90,000</b>

The OCWRC will be billed for actual services rendered at our standard hourly rates. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Karyn Stickel, P.E.  
Senior Associate



Fatemeh Babakhani, P.E.  
Manager

pc: HRC; File

FB

Accepted By:

Signature: \_\_\_\_\_

Written Name: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_

**JOACHIM DRAIN REPAIRS 2024**  
**ESTIMATE OF PROJECT 17558 COSTS**  
**REVISED: OCTOBER 22, 2024**

	Project Costs
<b>1) Contracted Services: Construction Cost</b> a Constuction Cost (as-bid) b Add More if Multiple Phases/ Contracts  <b>Subtotal Construction Cost</b>	 \$ 519,590  \$ 519,590
<b>2) Engineering Consultants</b> a Design Phase b Construction Administration, Inspection, Surveying c Scheduling Consultant for Large Projects d Any Special Serv. - Geo-Tech - Dewatering - Bypass Pumping Design e f  <b>Subtotal Engineering Consultants</b>	 \$ 40,000 \$ 50,000   \$ 90,000
<b>3) Legal &amp; Financial</b> a Easements b Legal Costs c Financial Consultant (For Bond Sale Only) TBD d Bond Counsel (Bond Issue Only) TBD e OCIP Insurance f Official Statement g Wetland Mitigation  <b>Subtotal Legal &amp; Financial</b>	 \$ 4,000    \$ 4,000
<b>4) County Services:</b> a Administration & General (ADM) b Engineering (ENG) c Right-Of-Way (ROW) d Construction Inspection (INS) e GIS Mapping (ADM) f Operation Staff (STD) (Shutdowns, Training New Facilities, etc.) g Survey (SUR)  <b>Subtotal County Services</b>	 \$ 5,196 \$ 10,392 \$ 10,392  . \$ 25,980
<b>Project Subtotal</b>	\$ 639,570
<b>5) 10% Construction Contingency</b>	\$ 63,957
<b>6) Less Anticipated Grant Funds</b>	\$ 593,590
<b>7) Total Project Cost</b>	<b>\$ 109,936</b>
Send completed estimate to Fiscal Services to be loaded in CIP People Soft Budget Report	

OAKLAND COUNTY WATER RESOURCES COMMISSIONER  
PROJECT ASSESSMENT RECOMMENDATION FOR THE  
JOACHIM DRAIN

PROJECT: Joachim Relief Drain 2024 Repairs CWSRF Project (PRJ-17558)

CURRENT FUND BALANCE: (\$1,753.64)  
*Construction fund FND84526*

AMOUNT TO BE ASSESSED: \$109,936.00

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment
City of Pontiac	97.718%	\$ 107,427.26
State of Michigan	2.282%	\$ 2,508.74
Total	100.000%	\$ 109,936.00

\*Apportionment based on Final Order of Apportionment dated 10/06/1972.

Assessment Payment Due Date: 11/30/2024

I hereby certify that the forgoing Special Assessment Roll was prepared in accordance with the directions of the Drainage Board for the Joachim Drain and the statutory provisions applicable thereto.

\_\_\_\_\_  
Jim Nash  
Chairman of the Drainage Board for the Joachim Drain

The foregoing Special Assessment Roll was approved for the Joachim Drain on \_\_\_\_\_

\_\_\_\_\_  
Jim Nash  
Chairman of the Drainage Board for the Joachim Drain

**JOACHIM DRAIN REPAIRS 2024**  
**ESTIMATE OF PROJECT 17558 COSTS**  
**REVISED: OCTOBER 22, 2024**

	Project Costs
<b>1) Contracted Services: Construction Cost</b> a Constuction Cost (as-bid) b Add More if Multiple Phases/ Contracts  <b>Subtotal Construction Cost</b>	 \$ 519,590  \$ 519,590
<b>2) Engineering Consultants</b> a Design Phase b Construction Administration, Inspection, Surveying c Scheduling Consultant for Large Projects d Any Special Serv. - Geo-Tech - Dewatering - Bypass Pumping Design e f  <b>Subtotal Engineering Consultants</b>	 \$ 40,000 \$ 50,000   \$ 90,000
<b>3) Legal &amp; Financial</b> a Easements b Legal Costs c Financial Consultant (For Bond Sale Only) TBD d Bond Counsel (Bond Issue Only) TBD e OCIP Insurance f Official Statement g Wetland Mitigation  <b>Subtotal Legal &amp; Financial</b>	 \$ 4,000    \$ 4,000
<b>4) County Services:</b> a Administration & General (ADM) b Engineering (ENG) c Right-Of-Way (ROW) d Construction Inspection (INS) e GIS Mapping (ADM) f Operation Staff (STD) (Shutdowns, Training New Facilities, etc.) g Survey (SUR)  <b>Subtotal County Services</b>	 \$ 5,196 \$ 10,392 \$ 10,392  . \$ 25,980
<b>Project Subtotal</b>	\$ 639,570
<b>5) 10% Construction Contingency</b>	\$ 63,957
<b>6) Less Anticipated Grant Funds</b>	\$ 593,590
<b>7) Total Project Cost</b>	<b>\$ 109,936</b>
Send completed estimate to Fiscal Services to be loaded in CIP People Soft Budget Report	

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the JOACHIM DRAIN ( Construction)

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Reimbursement of Drain Revolving Fund

The following is a detail of charges paid from the Drain Revolving Fund  
for the period ending October 17, 2024.

Date	Ref No.	Paid To	For	Amount
9/27/2024	V # SINV00291090	Hubbell Roth & Clark Inc	Invoice # 0219045 - Engineering Services - 07/20/24 Proj # 1-7558	\$ 2,712.39
	TBP	Hubbell Roth & Clark Inc	Invoice # 0220549 - Engineering Services - 09/14/24 - Proj # 1-7558	2,588.44
	TBP	Hubbell Roth & Clark Inc	Invoice # 0220731 - Engineering Services - 09/30/24 - Proj #1-17558	909.65
			Total	<u>\$ 6,210.48</u>



## **8. Pontiac Clinton River #1 Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE PONTIAC CLINTON RIVER NO. 1 DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of August 27, 2024
3. Public Comments
4. Present Memorandum from Geoff Wilson, P.E., Chief Engineer, dated October 22, 2024, requesting the Board:
  - a) Award the contract to Pamar Enterprises, contingent upon review of all documentation, bonds, and insurance, for the as-bid amount of \$611,133.52
  - b) Amend the total HRC engineering services budget to \$117,000
  - c) Approve the proposed budget of \$878,347
5. Present Project Assessment Recommendation in the amount of \$78,347
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$7,990.96
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE PONTIAC CLINTON RIVER NO.1 DRAIN**

August 27, 2024

A meeting of the Drainage Board for the Pontiac Clinton River No. 1 Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 27<sup>th</sup> day of August 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held May 21, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

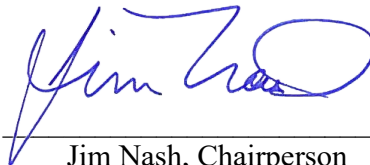
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$33,103.10 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$33,103.10.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2  
Nays - 0


There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson

STATE OF MICHIGAN                     )  
  )SS.  
COUNTY OF OAKLAND                 )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Pontiac Clinton River No. 1 Drain, Oakland County, Michigan, held on the 27<sup>th</sup> day of August 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Pontiac Clinton River No. 1 Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: August 27, 2024

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

**TO:** Jim Nash, Chairperson of the Pontiac Clinton River No. 1 Drain Drainage Board

**FROM:** Geoff S. Wilson, P.E. – Chief Engineer

**SUBJECT:** Pontiac Clinton River No. 1 Drain CWSRF Repairs – Bid Award, Engineering Services Budget, and Project Budget

**DATE:** October 22, 2024

Bids were received for the Pontiac Clinton River No. 1 (PCR1) Drain CWSRF Repairs project. Pamar Enterprises was the low bidder with an amount of \$611,133.52. Hubbell, Roth, and Clark, Inc. (HRC) assisted with procurement and qualifications checks, and will be checking all documentation, bonds, and insurance.

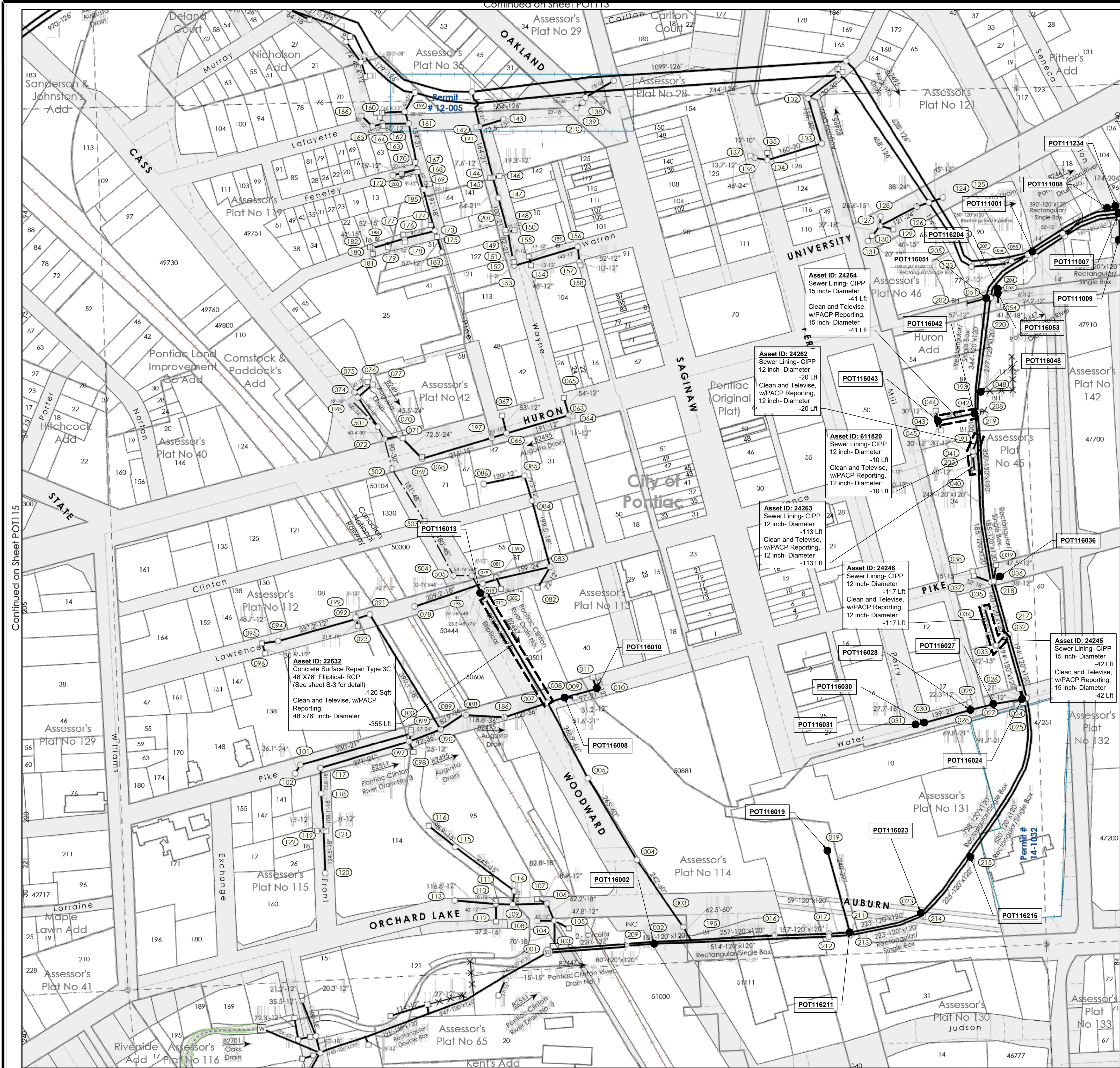
HRC provided design services and bidding assistance for the project. They have requested an increase to their design services budget for additional design work related to the outfall at the downstream end of the drain. This additional work was incorporated during the structural assessment of the outfall, and is part of the overall project as-bid. This work is fully eligible for the available grant dollars. Staff is in support of the amended budget for design, which would increase the budget by \$2,500. Upon receipt of the bids, HRC determined additional project budget would be needed for construction inspection services. The original budget was set prior to the scope of work being finalized, and the total number of inspection days has increased since that time. The proposed budget was reviewed by staff and is reasonable for the work to be completed. The amended budget for construction phase services would be an increase of \$9,500.

**Requested Action:**

- 1.) Award the contract to Pamar Enterprises, contingent upon review of all documentation, bonds, and insurance, for the as-bid amount of \$611,133.52.
- 2.) Amend the HRC engineering services budget to \$117,000.
- 3.) Approve the proposed project budget of \$878,347.



7/31/2024 12:10 PM  
HRC\_C040.ctb  
Continued on Sheet POT115  
Continued on Sheet POT111  
Continued on Sheet POT125  
V: 202208\20220897\1\Sheets\C040\_C1.dwg  
Blaseil, Charles



**DISCLAIMER:**  
The information displayed in this map is compiled from recorded deeds, plats, tax maps, surveys and other public records. Although this information is intended to accurately reflect public information, it is not a legally recorded map or survey and is not intended to be used as one. Users should consult primary/original information sources where appropriate.

## PONTIAC CLINTON RIVER NO. 1 DRAIN

One Public Works Drive  
Building 95 West  
Waterford, Michigan  
48328-1907

**WRC**  
WATER RESOURCES COMMISSIONER  
Jim Nash

**LEGEND:**

APPROXIMATE LOCATION OF PIPE REPAIR

APPROXIMATE LOCATION OF CATCHBASIN REPAIR

PIPE IMPROVEMENT TABLE

Asset ID	U/S	D/S	Road Name	Size	Length (ft)	Approx. Depth (ft)	Design Recommendation
22632	POT116012	POT116007	Woodward Ave.	48"x76" RCP (60" RCP)	355	NA	Concrete Surface Repair
24245	POT116032	POT116033	Library Parking Lot	15" CMP-Asphalt Coating	42	12	Sewer Lining, CIPP
24263	POT116034	POT116033	Library Parking Lot	12" CMP-Asphalt Coating	117	12	Sewer Lining, CIPP
24263	POT116040	POT116023	McLaren Parking lot	12" RCP	113	8	Sewer Lining, CIPP
24262	POT116041	POT116191	McLaren Parking lot	12" RCP	20	12	Sewer Lining, CIPP
24264	POT116043	POT116042	A&T Parking Lot	15" RCP	41	12	Sewer Lining, CIPP
611820	POT116203	POT116041	McLaren Parking lot	12" RCP	10	8	Sewer Lining, CIPP

PIPE IMPROVEMENT QUANTITY TABLE

NO.	Description	Unit	Qty
1	Clean and Televis. w/PACP Reporting, 12-15 inch	Lt	343.00
2	Clean and Televis. w/PACP Reporting, 48x76 inch	Lt	355.00
3	Sewer Lining, CIPP, 12-inch Storm	Lt	260.00
4	Sewer Lining, CIPP, 15-inch Storm	Lt	83.00
5	Concrete Surface Repair Type 3B, CIPP, 48x76 inch	Sq	120.00

**NOTE:**

1- QUANTITIES FOR MANHOLE AND CATCH BASIN IMPROVEMENT WILL BE PAID ACCORDING TO C-3

2- FOR MORE DETAIL REGARDING CONCRETE SURFACE REPAIR REFER TO SHEET S-3

**STORM DRAIN LEGEND**

**Storm Gravity Pipe**

- Online Storm Pipe
- Online Storm Culvert
- Prop Storm Pipe / Culvert
- Aband Storm Pipe / Culvert
- Private / Maintained by Others
- Non WRC Culvert

**Combined Gravity Main**

- Comb Interceptor
- Private or Maint. by Others Interceptor
- Aband Comb Interceptor
- Comb Lateral
- Proposed Private or Maint. by Others
- Aband Comb Lateral
- Proposed Comb Lateral
- Aband Comb Lateral
- Private or Maint. by Others Comb
- Proposed Private or Maint. by Others
- Aband Storm Drain Proposed Project
- Large pipe
- Private Large Pipe
- Retention/Detention Vault/Basin
- Private Retention/Detention Vault/Basin

**Storm Siphons**

- Online Siphon
- Prop Siphon
- Aband Siphon
- Private Siphon
- Aband Siphon

**Storm Force Main**

- Online Force Main
- Prop Force Main
- Aband Force Main
- Private / Maintained by Others
- Storm Drain Permit Location
- Stepped Utility Crossing

**Combined Non-Gravity Main**

- Comb FM Interceptor
- Comb FM Trunk
- Aband Comb FM Interceptor
- Comb FMPS Lateral
- Comb Comb FMPS Trunk or Lateral
- Private or Maint. by Others Comb FMPS
- Aband Channel
- Spillway
- Stream / River
- Sediment Basin/Siltling Basin
- WRC Retention/Detention Basin
- WRC Lake Level
- WRC Channel
- Private Retention/Detention Basin
- Non WRC Lake/Pond or Stream/River
- Non WRC Swamp / Marsh

**Storm Structures**

- Standard Manhole / Access Point
- Built Over Line MH
- Junction Chamber
- Siphon
- Standard Inlet
- Catch Basin
- Inlet w/ End Section
- Yard Inlet
- Rear Yard Catch Basin
- Leaching Basin
- Field/Trench Drain, NOT WRC
- Roof Drain, NOT WRC
- Inlet w/ Headwall
- Pipe Outlet w/ End Section
- Pipe Outlet w/ Headwall
- Access Manhole
- Access Point
- Air Release Valve
- Bulkhead or Cap
- Increaser / Reducer
- Barrel Tap, TSV, or Blind Connection
- Restrictor / Orifice
- Weir
- DIV Diversion Chamber
- REG Flow Regulator
- DAM Dam
- Dam Maintained by Others
- Beaver Dam
- Bridge
- Dock
- Augmentation Well
- Drain / Lake Level Lift Station
- Control Structure
- Overflow Structure
- Special Structure
- Oil Grit Separator Structure

**PONTIAC**  
**STORM DRAIN SYSTEMS**  
**Township of Pontiac**

**SHEET**  
**116**

**SE**  
**Section 29**

**WRC**  
WATER RESOURCES COMMISSIONER  
Jim Nash

**HRC**  
**HUBBELL, ROTH & CLARK, INC**  
CONSULTING ENGINEERS SINCE 1915  
555 HULET DRIVE  
BLOOMFIELD HILLS, MICH.  
P.O. BOX 824  
48303 - 0824  
PHONE: (248) 454-6300  
FAX (1st. Floor): (248) 454-6312  
FAX (2nd. Floor): (248) 454-6359  
WEB SITE: www.hrcenr.com

08-08-2024 ISSUED FOR BID  
06-05-2024 100% OWNER REVIEW  
05-03-2024 ISSUED FOR 50% OWNER REVIEW

DATE ADDITIONS AND/OR REVISIONS

DESIGNED FB  
DRAWN CS  
CHECKED KS  
APPROVED DM

**OAKLAND COUNTY WATER RESOURCES COMMISSION**

**PONTIAC CLINTON RIVER NO. 1 DRAINAGE DISTRICT IMPROVEMENTS**

DIVISION 1

HRC JOB NO. 20220897  
SCALE None  
DATE July 2024  
SHEET NO. C-1

ORIGINAL PLOT SIZE: ARCH\_D\_ (24.00 X 36.00 INCHES)  
© 2024 Hubbell, Roth & Clark, Inc. All Rights Reserved





Continued on Sheet POT130

Continued on Sheet POT112

LEGEND:



APPROXIMATE LOCATION OF  
PIPE REPAIR



APPROXIMATE LOCATION OF  
CATCHBASIN REPAIR



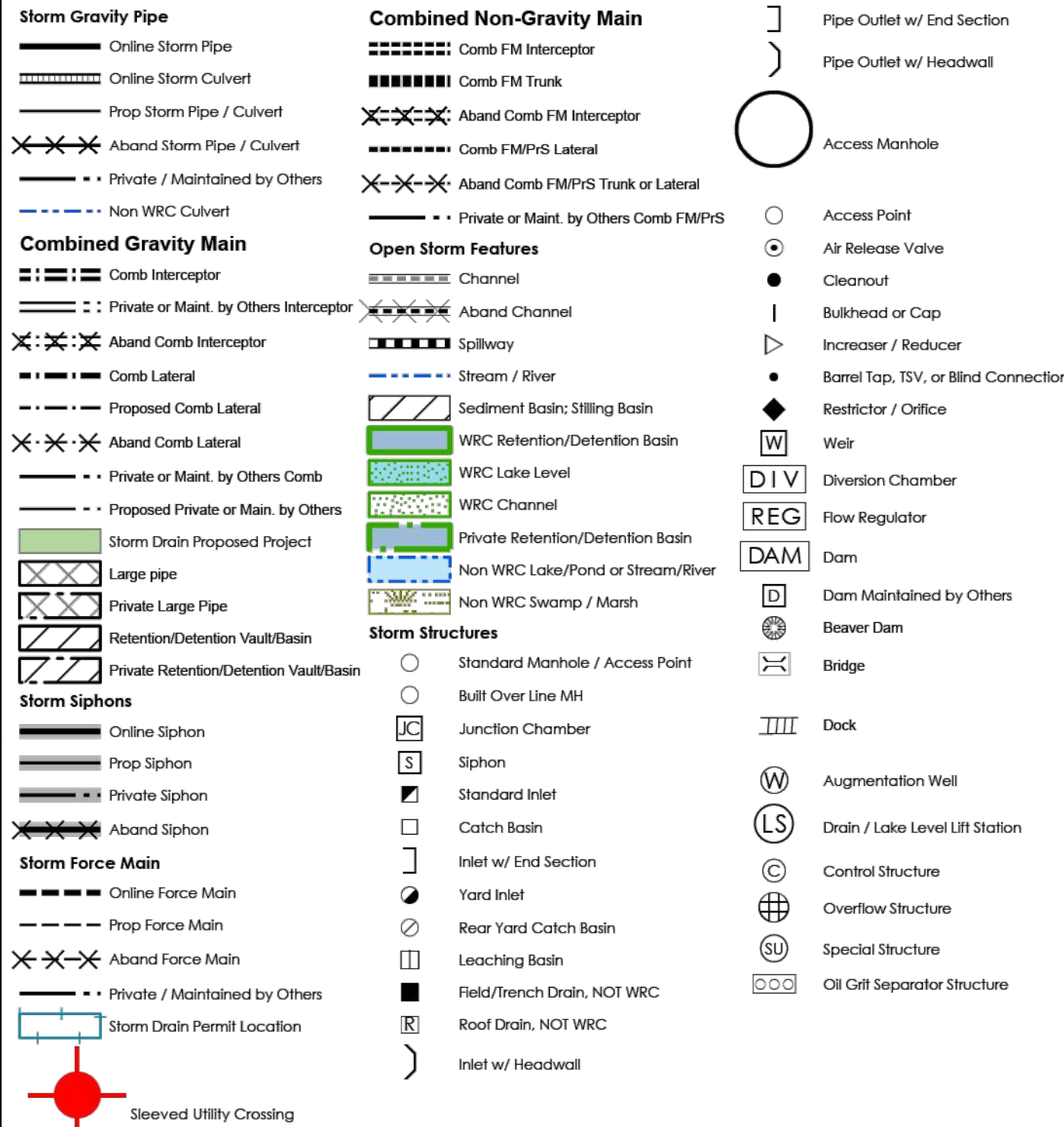
NOTE:

QUANTITIES FOR MANHOLE AND CATCH BASIN IMPROVEMENT  
WILL BE PAID ACCORDING TO C-3.

REFER TO S-3 FOR THE PROPOSED IMPROVEMENTS FOR  
OUTLET STRUCTURE AND CULVERT REPAIR.

QUANTITIES FOR THE OUTLET STRUCTURE AND CULVERT  
REPAIR WILL BE PAID ACCORDING TO S-3.

STORM DRAIN LEGEND



One Public Works Drive  
Building 95 West  
Waterford, Michigan  
48328-1907



SW  
Section 28

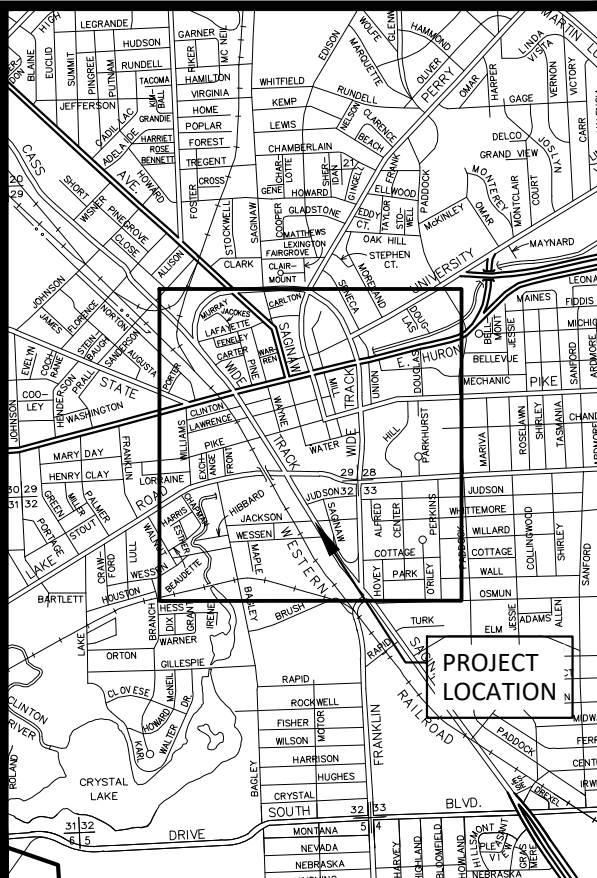
PONTIAC  
STORM DRAIN SYSTEMS  
Township of Pontiac

SHEET  
111



**HRC**  
**HUBBELL, ROTH & CLARK, INC**  
CONSULTING ENGINEERS SINCE 1915  
555 HULET DRIVE  
BLOOMFIELD HILLS, MICH.  
P.O. BOX 824  
48303 - 0824  
PHONE: (248) 454-6300  
FAX (1st Floor): (248) 454-6312  
FAX (2nd Floor): (248) 454-6359  
WEB SITE: www.hrcengr.com

08-08-2024	ISSUED FOR BID
06-05-2024	100% OWNER REVIEW
05-03-2024	ISSUED FOR 50% OWNER REVIEW
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	FB
DRAWN	CS
CHECKED	KS
APPROVED	DM



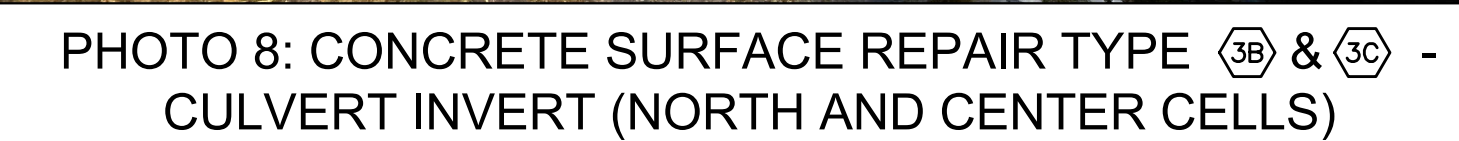
OAKLAND COUNTY WATER RESOURCES  
COMMISSION

**PONTIAC CLINTON RIVER  
NO. 1 DRAINAGE DISTRICT  
IMPROVEMENTS**

DIVISION 2

HRC JOB NO. 20220897	SCALE None
DATE July 2024	SHEET NO. C-2

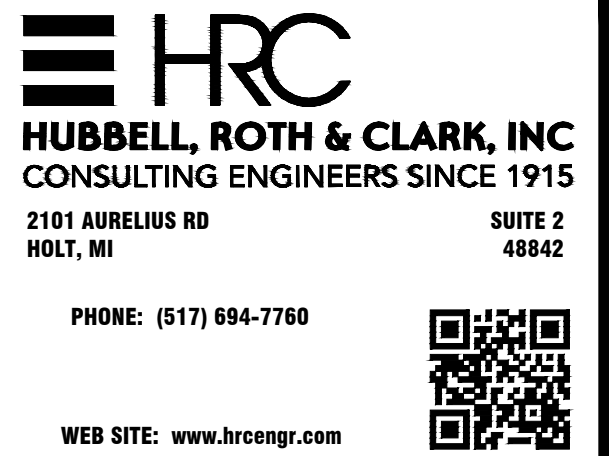
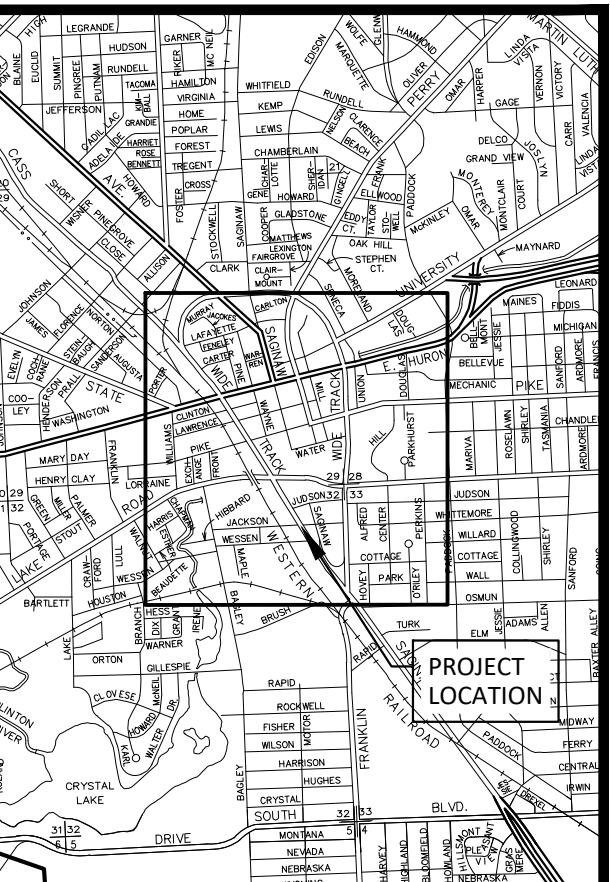




SURFACE REPAIR LIMITS AND PRESSURE INJECTION LIMITS SHALL BE FIELD DETERMINED BY THE ENGINEER PRIOR TO CONSTRUCTION.



- REMOVAL AND OFFSITE DISPOSAL

[illegible]

## PONTIAC CLINTON RIVER NO. 1 DRAINAGE DISTRICT IMPROVEMENTS

### OUTLET STRUCTURE REPAIR PHOTOS

HRC JOB NO. 20220897	SCALE NOT TO SCALE
DATE June 2024	SHEET NO. S-2





September 23, 2024

Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, Michigan 48328

Attn: Mr. Geoff Wilson, P.E. Chief Engineer

Re: Bid Tabulation and Review of Bidding Documents  
Pontiac-Clinton River No.1 Drain Improvements CWSRF 5898A

HRC Project No. 20220897

Dear Mr. Wilson:

A total of two (2) bids for the subject project were received on September 5, 2024, at 10:00 AM at the WRC. The bids were publicly read electronically through a virtual meeting hosted on Microsoft Teams with the acknowledgement of required Bid Bond, Addenda, and other contract documents. All bidders submitted the required contracting documents with the Bid Form. The receiving base-bid ranged between a high of \$633,692.65 to a low bid of \$611,133.52. The Engineers Estimate for this project is \$690,000 plus a forty percent contingency.

The low bidder was Pamar Enterprises, Inc. out of New Haven, MI. Pamar has a current history with cured-in-place pipe and sewer rehabilitation. HRC has previously worked with Pamar on past sewer rehabilitation and maintenance projects. Pamar's scope of services and experience appears to be suitable for the scope of work in the project.

In our capacity as consulting engineers, it is our opinion that Pamar Enterprises has met the bidding requirements for this project; and is eligible to be awarded the contract amount of \$611,133.52 dollars, subject to receiving the required bonds and insurance.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Karyn Stickel, P.E.  
Senior Associate



Fatemeh Babakhani, Ph. D., P.E.  
Manager

Attachment (1) Bid Tabulation and Contractor Bid Form

pc: HRC; D. Mitchell, File  
WRC; File

PCR1 Drain Drainage District improvement project

Pamar Enterprises, Inc.  
31604 Pamar Court  
New Haven, MI 48048  
(586) 749-8593

Pipeline Management Company, LLC  
2673 E. Maple Rd  
Milford, MI 48381  
(248) 685-1500

Description	Quantities - Total	Unit
Mobilization (Max 5%)	1.00	LS
STORM STRUCTURE REHAB (Furnish and Install)		
Dr Structure, Cleaning	7.00	Ea
Dr Structure, Rem (As Needed)	2.00	Ea
Dr Structure Cover and Frame, Rem	4.00	Ea
Dr Structure Cover and Frame, Type C (Catch Bsn)	1.00	Ea
Dr Structure Cover and Frame, (Manhole), EJIW1045 w/1040 "storm" lid	4.00	Ea
Dr Structure, Chimney, Tuck Point	19.00	Ea
Dr Structure, Chimney, Demolish and Reconstruct	1.00	Ea
Dr Structure, 48 inch Dia, 2ft sump, Pre- Cast Catchbasin (As Needed)	1.00	Ea
Dr Structure, 48 inch Dia , Pre- Cast Manhole (As Needed)	1.00	Ea
Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot (As Needed)	5.00	Vft
Seal Joints with Mortar	3.00	Ea
STORM PIPE REHAB (Furnish and Install)		
Clean and Televis, w/PACP Reporting, 12-15 inch	343.00	Lft
Clean and Televis, w/PACP Reporting, 48x76 inch	355.00	Lft
Sewer Lining, CIPP, 12-Inch Storm	260.00	Lft
Sewer Lining, CIPP, 15-Inch Storm	83.00	Lft
Concrete Surface Repair Type 3B, CIPP, 48x76 inch	120.00	Sft
Heavy Cleaning, 12-15 inch (As Needed)	4.00	Hr
Heavy Cleaning, 48x76 inch (As Needed)	4.00	Hr
Extra Heavy Cleaning, 12-15 inch (As Needed)	2.00	Hr
Extra Heavy Cleaning, 48x76 inch (As Needed)	2.00	Hr
OUTLET STRUCTURE REHAB (Furnish and Install)		
Water Repellent Treatment, Penetrating Repair Type 1	245.00	Syd
Pressure Injection of Non-Weeping Cracks Repair Type 2A	560.00	Lft
Concrete Surface Repair Type 3A	145.00	Sft
Concrete Surface Repair Type 3C	55.00	Sft
Vertical Joint Repair Type 4A	100.00	Lft
Horizontal Joint Repair Type 4B	45.00	Lft
Pressure Relief Valve Repair Type 5	6.00	Ea
Flap Gate Cover Repair Type 6	2.00	Ea
Work Platform, Temp	1.00	LS
Pressure Injection of Weeping Cracks Repair Type 2B	700.00	Lft
Concrete Surface Repair Type 3B	60.00	Sft
Sandbag, Local Flow Diversion	1.00	LS
Flow Control Measures	1.00	LS
PAVEMENT REPAIR (Furnish and Install)		
Pavt, Rem	14.23	Syd
Curb and Gutter, Rem (As Needed)	16.00	Ft
Sidewalk, Rem (As Needed)	10.00	Syd
Parking Structure, Conc Pavt, Nonreinf, 8 inch	14.23	Syd
Aggregate Base, 6 inch, Modified (As Needed)	15.00	Syd
1.5" Thick Bituminous Mixture No.4C (As Needed)	5.00	Ton
2.5" Thick Bituminous Mixture No.3C (As Needed)	9.00	Ton
Curb and Gutter, Conc, Match Existing (As Needed)	16.00	Lft
Sidewalk, Conc, 4 inch (As Needed)	10.00	Syd
MISCELLANEOUS (Furnish and Install)		
Erosion Control, Silt Fence (As Needed)	100.00	Lft
Erosion Control, Inlet Protection, Fabric Drop (As Needed)	20.00	Ea
Fence, Protective (As Needed)	100.00	Lft
Site Restoration	5.00	Syd
Audio Video Route Survey	1.00	LS
Traffic Control and Maintenance	1.00	LS
Permit Allowance (10% of construction with ROW)	10,000.00	Dlr

Unit Price	Total Cost
\$ 30,000.00	\$ 30,000.00
\$ 150.00	\$ 1,050.00
\$ 950.00	\$ 1,900.00
\$ 450.00	\$ 1,800.00
\$ 1,453.00	\$ 1,453.00
\$ 1,125.00	\$ 4,500.00
\$ 150.00	\$ 2,850.00
\$ 1,125.00	\$ 1,125.00
\$ 12,530.00	\$ 12,530.00
\$ 12,530.00	\$ 12,530.00
\$ 200.00	\$ 1,000.00
\$ 300.00	\$ 900.00
	\$ 41,638.00
\$ 10.00	\$ 3,430.00
\$ 20.00	\$ 7,100.00
\$ 231.00	\$ 60,060.00
\$ 248.00	\$ 20,584.00
\$ 190.00	\$ 22,800.00
\$ 550.00	\$ 2,200.00
\$ 625.00	\$ 2,500.00
\$ 550.00	\$ 1,100.00
\$ 625.00	\$ 1,250.00
	\$ 121,024.00
\$ 35.00	\$ 8,575.00
\$ 62.00	\$ 34,720.00
\$ 112.00	\$ 16,240.00
\$ 222.00	\$ 12,210.00
\$ 56.00	\$ 5,600.00
\$ 80.00	\$ 3,600.00
\$ 5,800.00	\$ 34,800.00
\$ 18,500.00	\$ 37,000.00
\$ 26,500.00	\$ 26,500.00
\$ 64.00	\$ 44,800.00
\$ 208.00	\$ 12,480.00
\$ 46,000.00	\$ 46,000.00
\$ 73,500.00	\$ 73,500.00
	\$ 356,025.00
\$ 74.00	\$ 1,053.02
\$ 56.00	\$ 896.00
\$ 44.00	\$ 440.00
\$ 250.00	\$ 3,557.50
\$ 125.00	\$ 1,875.00
\$ 500.00	\$ 2,500.00
\$ 500.00	\$ 4,500.00
\$ 300.00	\$ 4,800.00
\$ 175.00	\$ 1,750.00
	\$ 21,371.52
\$ 3.00	\$ 300.00
\$ 65.00	\$ 1,300.00
\$ 4.50	\$ 450.00
\$ 75.00	\$ 375.00
\$ 2,650.00	\$ 2,650.00
\$ 26,000.00	\$ 26,000.00
\$ 1.00	\$ 10,000.00
	\$ 41,075.00

Unit Price	Total Cost
\$ 25,000.00	\$ 25,000.00
\$ 500.00	\$ 3,500.00
\$ 3,000.00	\$ 6,000.00
\$ 2,000.00	\$ 8,000.00
\$ 5,000.00	\$ 5,000.00
\$ 2,250.00	\$ 9,000.00
\$ 1,500.00	\$ 28,500.00
\$ 5,000.00	\$ 5,000.00
\$ 7,000.00	\$ 7,000.00
\$ 9,500.00	\$ 9,500.00
\$ 854.00	\$ 4,270.00
\$ 1,050.00	\$ 3,150.00
	\$ 88,920.00
\$ 15.00	\$ 5,145.00
\$ 75.00	\$ 26,625.00
\$ 200.00	\$ 52,000.00
\$ 454.00	\$ 37,682.00
\$ 305.00	\$ 36,600.00
\$ 500.00	\$ 2,000.00
\$ 500.00	\$ 2,000.00
\$ 500.00	\$ 1,000.00
\$ 500.00	\$ 1,000.00
	\$ 164,052.00
\$ 75.00	\$ 18,375.00
\$ 54.00	\$ 30,240.00
\$ 130.00	\$ 18,850.00
\$ 305.00	\$ 16,775.00
\$ 105.00	\$ 10,500.00
\$ 80.00	\$ 3,600.00
\$ 2,500.00	\$ 15,000.00
\$ 7,500.00	\$ 15,000.00
\$ 75,000.00	\$ 75,000.00
\$ 78.00	\$ 54,600.00
\$ 250.00	\$ 15,000.00
\$ 15,000.00	\$ 15,000.00
\$ 25,000.00	\$ 25,000.00
	\$ 312,940.00
\$ 150.00	\$ 2,134.50
\$ 1.00	\$ 16.00
\$ 1.00	\$ 10.00
\$ 305.00	\$ 4,340.15
\$ 1.00	\$ 15.00
\$ 1.00	\$ 5.00
\$ 1.00	\$ 9.00
\$ 1.00	\$ 16.00
\$ 1.00	\$ 10.00
	\$ 6,555.65
\$ 1.00	\$ 100.00
\$ 1.00	\$ 20.00
\$ 1.00	\$ 100.00
\$ 1.00	\$ 5.00
\$ 6,000.00	\$ 6,000.00
\$ 20,000.00	\$ 20,000.00
\$ 1.00	\$ 10,000.00
	\$ 36,225.00

\$ 611,133.52

\$ 633,692.65

Pamar total cost= \$611,258.52

**BID FOR THE CONSTRUCTION OF  
PONTIAC-CLINTON RIVER (PCR) NO. 1 DRAIN  
DRAINAGE DISTRICT IMPROVEMENTS CWSRF 5898A**

NAME OF BIDDER:	Pamar Enterprises Inc.
CONTRACTOR NAME:	Pamar Enterprises, Inc.
ADDRESS:	31604 Pamar Court, New Haven, MI 48048
DATE:	9-5-24
TELEPHONE NO.:	(586) 749-8593
CONTRACT NAME EMAIL:	ron@pamarenterprises.com

The undersigned, as Bidder, hereby declares this Bid is made in good faith without fraud or collusion with any persons bidding or proposing to supply materials or labor, and that it has examined the Bidding Documents, all of which it understands and accepts as sufficient for purposes of constructing the Project, and is familiar with the location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance. Further, the undersigned certifies that its proposed construction methods will be compatible with the site conditions described in the above-listed information provided for bidding, as well as its own independent investigation of the field conditions.

The Bidder acknowledges that it has not received or relied upon any representations or warranties of any nature whatsoever from the Owner, its agents, representatives, or employees, as to any conditions to be encountered in accomplishing the work specifically, but not exclusively, including underground conditions, and that its bid is based solely upon the Bidder's own independent judgment.

The following documents listed below shall be compiled into one PDF in the order designated below. The PDF document shall have the Bidder's name and the document description in the file name.

Item No.	Description
1.	Bid Form, completed and signed acknowledging all addenda
2.	Certified check/Cashier's check /Bid Bond (5%)
3.	Preliminary Schedule based on the Time noted in the Agreement and an anticipated Notice to Proceed date of: 09/24/2024
4.	Completed Form DC-118 Experience and Qualification Statement
5.	Signed Vendor Certification that it is not an "Iran Linked Business"
6.	Contractor's OCIP Acknowledgement Form, if applicable
7.	Signed certification for safety compliance

The Bidder declares that it has familiarized itself with the location of the proposed work and the conditions under which it must be constructed. The Bidder shall complete the work under any job or field condition which was present and/or ascertainable prior to bidding. In addition, it shall also complete the work under whatever conditions it may create by its own sequence of construction, construction methods, or other conditions it may create, at no additional cost to the Owner.

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

The Bidder agrees that it will contract with the Owner to furnish all labor, material, tools, and equipment necessary to do all the work specified and prescribed for the completion of the above-mentioned Contract for the following named unit prices:

## BID SHEET

Item No.	Description	Qty.	Unit	Unit Price	Amount
1	Mobilization (Max 5%)	1.00	LS	30,000.00	30,000.00
<b>STORM STRUCTURE REHAB (Furnish and Install)</b>					
2	Dr Structure, Cleaning	7.00	Ea	150.00	1,050.00
3	Dr Structure, Rem (As Needed)	2.00	Ea	950.00	1,900.00
4	Dr Structure Cover and Frame, Rem	4.00	Ea	450.00	1,800.00
5	Dr Structure Cover and Frame, Type C (Catch Bsn) (As Needed)	1.00	Ea	1,453.00	1,453.00
6	Dr Structure Cover and Frame, (Manhole), EJIW1045 w/1040 "storm" lid	4.00	Ea	1,125.00	4,500.00
7	Dr Structure, Chimney, Tuck Point	19.00	Ea	150.00	2,850.00
8	Dr Structure, Chimney, Demolish and Reconstruct	1.00	Ea	1,250.00	1,250.00
9	Dr Structure, 48 inch Dia, 2ft sump, Pre- Cast Catchbasin (As Needed)	1.00	Ea	12,530.00	12,530.00
10	Dr Structure, 48 inch Dia , Pre- Cast Manhole (As Needed)	1.00	Ea	12,530.00	12,530.00
11	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot (As Needed)	5.00	Vft	200.00	1,000.00
12	Seal Joints with Mortar	3.00	Ea	300.00	900.00
<b>STORM PIPE REHAB (Furnish and Install)</b>					
13	Clean and Televis, w/PACP Reporting, 12-15 inch	343.00	Lft	10.00	3,430.00
14	Clean and Televis, w/PACP Reporting, 48x76 inch	355.00	Lft	20.00	7,100.00
15	Sewer Lining, CIPP, 12-Inch Storm	260.00	Lft	231.00	60,060.00
16	Sewer Lining, CIPP, 15-Inch Storm	83.00	Lft	248.00	20,584.00
17	Concrete Surface Repair Type 3B, CIPP, 48x76 inch	120.00	Sft	190.00	22,800.00
18	Heavy Cleaning, 12-15 inch (As Needed)	4.00	Hr	550.00	2,200.00
19	Heavy Cleaning, 48x76 inch (As Needed)	4.00	Hr	625.00	2,500.00
20	Extra Heavy Cleaning, 12-15 inch (As Needed)	2.00	Hr	550.00	1,100.00
21	Extra Heavy Cleaning, 48x76 inch (As Needed)	2.00	Hr	625.00	1,250.00
<b>OUTLET STRUCTURE REHAB (Furnish and Install)</b>					
22	Water Repellent Treatment, Penetrating Repair Type 1	245.00	Syd	35.00	8,575.00
23	Pressure Injection of Non-Weeping Cracks Repair Type 2A	560.00	Ft	62.00	34,720.00
24	Concrete Surface Repair Type 3A	145.00	Sft	112.00	16,240.00
25	Concrete Surface Repair Type 3C	55.00	Sft	222.00	12,210.00
26	Vertical Joint Repair Type 4A	100.00	Ft	56.00	5,600.00
27	Horizontal Joint Repair Type 4B	45.00	Ft	80.00	3,600.00
28	Pressure Relief Valve Repair Type 5	6.00	Ea	5,800.00	34,800.00
29	Flap Gate Cover Repair Type 6	2.00	Ea	18,500.00	37,000.00
30	Work Platform, Temp	1.00	LS	26,500.00	26,500.00

31	Pressure Injection of Weeping Cracks Repair Type 2B	700.00	Ft	64.00	44,800.00
32	Concrete Surface Repair Type 3B	60.00	Sft	208.00	12,480.00
33	Sandbag, Local Flow Diversion	1.00	LS	46,000.00	46,000.00
34	Flow Control Measures	1.00	LS	73,500.00	73,500.00
<b>PAVEMENT REPAIR (Furnish and Install)</b>					
35	Pavt, Rem	14.23	Syd	74.00	1,053.02
36	Curb and Gutter, Rem (As Needed)	16.00	Ft	56.00	896.00
37	Sidewalk, Rem (As Needed)	10.00	Syd	44.00	440.00
38	Parking Structure, Conc Pavt, Nonreinf, 8 inch	14.23	Syd	250.00	3,557.50
39	Aggregate Base, 6 inch, Modified (As Needed)	15.00	Syd	125.00	1,875.00
40	1.5" Thick Bituminous Mixture No.4C (As Needed)	5.00	Ton	500.00	2,500.00
41	2.5" Thick Bituminous Mixture No.3C (As Needed)	9.00	Ton	500.00	4,500.00
42	Curb and Gutter, Conc, Match Existing (As Needed)	16.00	Lft	300.00	4,800.00
43	Sidewalk, Conc, 4 inch (As Needed)	10.00	Syd	175.00	1,750.00
<b>MISCELLANEOUS (Furnish and Install)</b>					
44	Erosion Control, Silt Fence (As Needed)	100.00	Lft	3.00	300.00
45	Erosion Control, Inlet Protection, Fabric Drop (As Needed)	20.00	Ea	65.00	1,300.00
46	Fence, Protective (As Needed)	100.00	Lft	4.50	450.00
47	Site Restoration	5.00	Syd	75.00	375.00
48	Audio Video Route Survey	1.00	LS	2,650.00	2,650.00
49	Traffic Control and Maintenance	1.00	LS	26,000.00	26,000.00
50	Permit Allowance (10% of construction with ROW)	10,000.00	Dlr	1.00	10,000.00
<b>TOTAL CONTRACT PRICE</b>					<del>\$ 611,258.52</del>

611,133.52

Note: In case of discrepancy, unit prices shall be used to determine the total amount of this bid.

**TAXES**

The foregoing unit prices include all applicable Federal, State and Local taxes.

**ADDENDA**

This Bid is based on the following Addenda in the table below:

Addendum Number	Date Issued
#1	8-28-24

**SUBCONTRACTORS AND MAJOR EQUIPMENT MANUFACTURERS/SUPPLIERS**

The Bidder agrees, in accordance with the Information for Bidders, that it is concurrently with this Bid, furnishing the Owner the required information relative to the qualifications of Bidder and Subcontractors required to be identified pursuant to the Information for Bidders. Bidder also agrees that Bidder will

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

provide all other information as required with this Bid and/or within the times specified in the Information for Bidders or other Bidding Documents. Bidder acknowledges that this bid may be rejected if Bidder fails to provide any of the required information with this bid and/or within the times outlined in the Information for Bidders or other Contract Documents.

**BID GUARANTEE**

The Bidder encloses a certified or cashier's check or Bid Bond in the amount of Five Percent (5%) of the accompanying total bid.

☐ Certified Check  
☐ Cashier's Check  
☒ Bid Bond

The Bidder hereby declares that this Bid was prepared by qualified personnel of its employ who inspected the Drawings and Specifications, read, and interpreted the Geotechnical Data and other information furnished by the Owner, and developed the Bidder's intended construction methods.

If this Bid is accepted by the Owner and the undersigned shall fail to contract as aforesaid and to furnish the required surety bonds within ten (10) calendar days of the delivery date of the Notice of Award to the successful Bidder, then the undersigned shall be considered to have abandoned the Contract, and the Certified Check, Cashier's Check, or Bid Bond accompanying this Bid shall be forfeited to the Owner.

If the Bidder enters into the Contract in accordance with this Bid, or if its Bid is rejected, then the accompanying bid guarantee shall be returned to the Bidder.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

In submitting this Bid it is understood that the right is reserved by the Owner to reject any and all bids, to waive non-material irregularities and/or informalities, and to evaluate the responsiveness and responsibility of each Bidder. The Owner reserves the right to reject any Bid submitted by any Bidder that the Owner determines is not a responsive and responsible Bidder based on information supplied by the Bidder or on any other information that the Owner receives or acquires on its own, including the Owner's experience with the Bidder. The Owner further reserves the right to reject any bid submitted by any bidder in its sole discretion and to exercise any further rights reserved to Owner in the Information for Bidders.

The Bidder shall indicate its legal status as provided herein.



LEGAL STATUS OF BIDDER

The Bidder shall complete the appropriate form below and complete the appropriate Resolution or Certificate.

A **Corporation** duly organized and doing business under the laws of the State of Michigan  
for whom Rinaldo G. Acciavatti whose signature is affixed to this Bid, is duly  
authorized to execute Contracts.

A **Limited Liability Company** duly organized and doing business under the laws of the State of  
Michigan for whom \_\_\_\_\_ whose signature(s) is (are) affixed to this  
Bid, is (are) duly authorized to execute Contracts.

A **Partnership or Joint Venture**, all members of which, with addresses, are:


_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

An **Individual**, whose signature is affixed to this Bid.

\_\_\_\_\_

Signed and sealed this 5th day of September, 2024.

WITNESS  
  
\_\_\_\_\_  
Susan Mazza, Executive Assistant

Bidder Name: Pamar Enterprises, Inc.  
Authorized  
Signature of Bidder:   
\_\_\_\_\_  
Print Name: Rinaldo G. Acciavatti  
\_\_\_\_\_  
Title: President  
\_\_\_\_\_

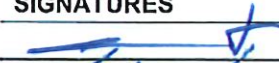

**A. IF BIDDER IS A CORPORATION, COMPLETE THE FOLLOWING:****RESOLUTION OF THE BOARD OF DIRECTORS  
OF Pamar Enterprises, Inc.**

The undersigned, being all of the members of the Board of Directors of Pamar Enterprises, Inc., a Michigan (state) Corporation (the "Corporation") do hereby certify that the following is a true and correct copy of the resolutions duly adopted by the Corporation on the 30th day of May, 20 24, that the same have not been modified or rescinded and are in full force and effect and that the resolutions have been adopted in accordance with the laws of the state of incorporation, the Articles of Incorporation and the Bylaws of the Corporation and either no shareholder consent is required or any necessary shareholder consent has been obtained:

**RESOLVED**, that any one or more of the officers of the Corporation referred to below be and hereby are authorized and empowered on behalf of the Corporation to transact any and all business with the County of Oakland, State of Michigan, acting by and through its statutory agent, the Owner which the Corporation could, in any way, transact and are further authorized to execute, acknowledge and deliver on behalf of the Corporation and in its name to the Owner.

1. A bid for construction of all or part of the Project in form and content as such officer deems necessary and appropriate and as approved by the Owner.
2. All other agreements, instruments or documents as such officer deems necessary or appropriate in conjunction with the aforementioned project.

**RESOLVED FURTHER**, that the following are the true and correct names, signatures and titles of the officers of the Corporation referred to above:

NAMES	SIGNATURES	TITLES
<u>Rinaldo G. Acciavatti</u>		<u>President</u>
<u>Chris Peyer</u>		<u>Secretary/Treasurer</u>

**RESOLVED FURTHER**, that the acts of said person(s) or any of them, shall at all times be given full faith and credit without the necessity of inquiry by the Owner as to any of the circumstances attending the same and that the acts and doings of authorized person(s) or any of them in respect to the subject matter hereof are hereby fully ratified, approved, adopted and confirmed; and

**RESOLVED FURTHER**, that the authorizations herein set forth shall remain in full force and effect until written notice of their modification or discontinuance shall be given to and actually received by the Owner at its offices.

**IN WITNESS WHEREOF**, the Board of Directors of Pamar Enterprises, Inc. have executed this Resolution as of the 30th day of May, 2024.

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**



**B. IF BIDDER IS A LIMITED LIABILITY COMPANY, COMPLETE THE FOLLOWING:****RESOLUTION OF MEMBERS OF \_\_\_\_\_, L.L.C.**

The undersigned, being all of the members of \_\_\_\_\_, L.L.C. a \_\_\_\_\_ (state) limited liability company (the "Company") do hereby certify that the following is a true and correct copy of the resolutions duly adopted by the Company on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, that the same have not been modified or rescinded and are in full force and effect and that the resolutions have been adopted in accordance with the laws of the state of incorporation, the Articles of Organization and the Operating Agreement and that no further member consent is required or any necessary member consent has been obtained:

**RESOLVED**, that any one or more of the members of the Company referred to be and hereby are authorized on behalf of the Company to transact any and all business with the County of Oakland, State of Michigan, acting by and through its statutory agent, the Owner which the Company could, in any way, transact and are further authorized to execute, acknowledge and deliver on behalf of the Company and in its name to the Owner.

A Bid for construction of all or part of the Project in form and content as the members deem necessary and appropriate and as approved by the Owner.

All other agreements, instruments or documents as the members deem necessary or appropriate in conjunction with the aforementioned project.

**RESOLVED FURTHER**, that the acts of said member(s) or any of them, shall at all times be given full faith and credit without the necessity of inquiry by the Owner as to any of the circumstances attending the same and that the acts and doings of authorized person(s) or any of them in respect to the subject matter hereof are hereby fully ratified, approved, adopted and confirmed; and

**RESOLVED FURTHER**, that the authorizations herein set forth shall remain in full force and effect until written notice of their modification or discontinuance shall be given to and received by the Owner at its offices.

**IN WITNESS WHEREOF**, the Members have executed this Resolution of \_\_\_\_\_, L.L.C. as of the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

C. IF BIDDER IS A LIMITED PARTNERSHIP, COMPLETE THE FOLLOWING:

CERTIFICATE OF GENERAL PARTNER

\_\_\_\_\_, being the sole General Partner of \_\_\_\_\_ Limited Partnership, a \_\_\_\_\_ limited partnership (the "Partnership") hereby certifies that the following is a true and correct copy of the resolutions duly adopted by the Partnership on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, that the same have not, in any way, been modified or rescinded and are in full force and effect and that the resolutions have been adopted in accordance with the laws of the state of formation the Certificate of Limited Partnership and that either no further partner consent is required or any necessary partner consent has been obtained:

**RESOLVED**, that \_\_\_\_\_, the sole General Partner, is hereby authorized and empowered on behalf of the Partnership to transact any and all business with the Owner which the Partnership could, in any way, transact and is further authorized to execute, acknowledge and deliver on behalf of the Partnership and in its name to the Owner.

A Bid for construction of all or part of the Project in form and content as such General Partner deems necessary and appropriate and as approved by the Owner.

All other agreements, instruments or documents as such General Partner deems necessary or appropriate in conjunction with the aforementioned project.

**RESOLVED FURTHER**, that the following are the true and correct names of all general and limited partners of the Partnership:

NAMES	PARTNER
_____	General
_____	Limited
_____	Limited

**RESOLVED FURTHER**, that the acts of General Partner shall always be given full faith and credit without the necessity of inquiry by the Owner as to any of the circumstances attending the same and that the acts and doings of the General Partner in respect to the subject matter hereof are hereby fully ratified, approved, adopted, and confirmed; and

**RESOLVED FURTHER**, that the authorizations herein set forth shall remain in full force and effect until written notice of their modification or discontinuance shall be given to and received by the Owner at its offices.

**IN WITNESS WHEREOF**, the sole General Partner of \_\_\_\_\_ Limited Partnership, hereby executes this Certificate of General Partner as of the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

**D. IF BIDDER IS A PARTNERSHIP OR JOINT VENTURE, COMPLETE THE FOLLOWING:****CERTIFICATE OF PARTNERS**

The undersigned do hereby certify that they are all the partners of \_\_\_\_\_, a \_\_\_\_\_ Co-Partnership or Joint Venture ("Partnership"), that the following is a true and correct copy of the resolutions duly adopted by the Partnership on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, that the same have not, in any way, been modified or rescinded and are in full force and effect and that the resolutions have been adopted in accordance with the laws of the state of formation the Certificate of Co-Partnership and that either no further partner consent is required or any necessary partner consent has been obtained:

**RESOLVED**, that the undersigned are hereby authorized and empowered on behalf of the Partnership to transact any and all business with the County of Oakland, State of Michigan, acting by and through its statutory agent, the Owner which the Partnership could, in any way, transact and are further authorized to execute, acknowledge and deliver on behalf of the Partnership and in its name to the Owner.

A Bid for construction of the Project in form and content as such partner deems necessary and appropriate and as approved by the Owner.

All other agreements, instruments or documents as such partner deems necessary or appropriate in conjunction with the aforementioned project.

**RESOLVED FURTHER**, that the said partners or any of them, shall always be given full faith and credit without the necessity of inquiry by the Owner as to any of the circumstances attending the same and that the acts and doings of the partners or any of them in respect to the subject matter hereof are hereby fully ratified, approved, adopted, and confirmed; and

**RESOLVED FURTHER**, that the authorizations herein set forth shall remain in full force and effect until written notice of their modification or discontinuance shall be given to and received by the Owner at its offices.



October 15, 2024

Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, Michigan 48328

Attn: Mr. Geoff Wilson, P.E., Chief Engineer

Re: PCR1 Drain Drainage District Improvement HRC Job No. 20220897  
Professional and Construction Engineering Services—**Request for Budget Amendment**  
Clean Water State Revolving Fund Project No. 5898-01

Dear Mr. Wilson:

Oakland County Water Resources Commissioner (OCWRC) awarded Hubbell, Roth & Clark, Inc. (HRC) \$105,000 contract on January 2024 to perform the engineering services for the Pontiac Clinton River NO.1 (PCR1) Drain Improvement Grant project. OCWRC was awarded American Rescue Plan (ARP) grant funding for FY24 in no-match funding to improve the PCR1 Drain.

The aforementioned project was advertised for bids on August 8, 2024. OCWRC received two bids, with the lowest bid amounting to \$611,133.52.

In the professional engineering services proposal dated December 18, 2023, HRC requested \$40,000 to assist OCWRC with Phase A- Preliminary Engineering and Design Phase Services, and \$65,000 to assist with Phase B- Bidding and Construction Phase Services. The requested fee for Construction services was based on the proposed improvements identified during the planning phase. Now that the design phase is complete and the project has been advertised for bid, OCWRC has asked HRC to reevaluate the estimate for the CE services.

### Phase A- Preliminary Engineering and Design Phase Services

The original scope of the engineering services in the proposal was based on the projects outlined in FY24 CWSRF Project Plan and identified in Asset Management Plan developed for PCR1 Drain in 2017. However, as preliminary design, and further structural assessments progressed, a more substantial rehab design was defined that has led to altering the scope of the project.

As a result, in completing professional engineering services HRC has undertaken additional services to address these scope changes, which have led to increased project costs. The additional tasks and associated efforts are detailed below:

The initial proposed improvements, as outlined in the proposal dated December 18, 2023, and accepted January 23, 2024, included:

- ≡ Storm pipe trenchless rehabilitation including spot lining and grouting,
- ≡ Repair of two outlets/structures, and
- ≡ Rehabilitation of storm manholes.

However, the proposed improvements for PCR1 Drain outlets were modified after the design proceeded that led HRC to perform extra work to complete this project. One factor contributing to extra work is extending the improvements limit beyond the original limit of work. The other factor was switching from structural inspection by drone equipment to the confined space entry for inspection of pipe upstream of outlet structure, which caused due to extending the project limit.

PCR1 Drain features three outlet pipes discharging to the Clinton River east of Union Street. The original scope of work was inspecting the outlets without entering the pipes. However, the areas upstream of the outlets require rehab and inspecting these pipes without entering the pipes wasn't doable. Due to the challenging access conditions; specifically, the deep vertical concrete walls of the river, conducting structural assessments on these outlet pipes required confined space entry. This process involves four personnel: two for entry, one attendant, and one supervisor. Switching from inspection without entry to confined space entry due to extending the rehab limit, resulting in additional efforts by the HRC team to complete the condition assessments. To manage costs to some extent, we coordinated the pipes inspections with the MDOT biennial bridge inspection that HRC completes for the City of Pontiac on the regular basis.

As the structural condition assessment conducted and preliminary design advanced, we discovered there are additional areas upstream of the outlets that require repair. Furthermore, all three outlet pipes require attention, not only two outlets identified in the Project Plan. It is more practical to extend the rehabilitation of the outlet pipes further upstream rather than focusing solely on the outlet themselves. To save any potential future repair cost and prevent remobilizing to the project site in the near future it is more practical to address repairs at all three outlet pipes and approximately 70 Lft in a single effort. This approach extends the improvements and optimizes resources. The proposed design extension was also discussed with OCWRC during the design phase.

As a result, the HRC team spent an extra 15hr to extend the outlet pipe rehabilitation 70 feet upstream, adding the third outlet pipes to the scope of work, and perform confined space entry. **A total cost of \$2,500 is requested for extra work completed for the design of the PCR1 Drain Drainage District Improvement project.**

### Phase B- Bidding and Construction Phase Services

In the professional engineering services proposal dated December 18, 2023, HRC requested \$65,000 to assist OCWRC with the bidding process and provide construction engineering (CE) services. The estimated fee for Phase B was based on the proposed improvements identified during the planning phase. Now that the design phase is complete and the project has been advertised for bid, we are revisiting the Phase B estimates.

#### ≡ Bidding Services:

HRC Team has been assisting OCWRC during the bidding phase, from advertising to contractor selection. PCR1 Drain Improvement project was advertised for bids on August 08, 2024, with a pre-bid meeting conducted on August 15, 2024. The HRC Team addressed contractors' inquiries and issued an addendum as necessary. Following the bid opening on September 05, 2024, the HRC Team reviewed the submitted bids, prepared the bid tab, and held a pre award meeting with the lowest bidder on September 23. Additionally, HRC also provided a recommendation letter for the ward to OCWRC.

**Spent Aug 08 through Sept 30, 2024= \$5,600**

The final tasks for bidding services assistance include reviewing the insurance documents and bid bonds submitted by the lowest bidder, as well as preparing the Notice of Intent to Award Letter.

**Remaining=\$600**

The bidding services fee, which includes completed tasks and the remaining tasks, totals \$6,200.

#### ≡ Construction Phase Services:

The following tasks were considered under construction phase services:

- Responding to contractor inquiries during the project.
- Reviewing all design submittals.

- Review post-lining submittals to ensure completeness.
- Attending biweekly progress meetings, including preparing agendas and meeting minutes. It is anticipated that these meetings will be held virtually.
- Preparing change orders as needed.
- HRC will provide daily observation. 20 observation days were included in the CE services. We will provide a confined space trained person for observation. However, it was assumed that the Contractor will be responsible for the confined space plan and site safety. This proposal does not cover any Confined Space Entry Plan.
- Preparing a final punch list and project close-out documents.
- Reviewing quantities and preparing pay estimates based on quantities. Assuming one pay estimate for each month.
- Perform one concrete testing for pavement repair

Not Included in this CE proposal:

- Construction Layout
- Confined Space Entry Plan, Equipment, and Supervisory Crew, since the contractor has indicated that they will provide this item.

Our original proposal for Construction Engineering (CE) services was developed based on the work identified during the planning phase, prior to establishing the definitive scope of work. At that time, we estimated that the observation services would require approximately 150 hours. However, following the completion of the design and the subsequent bidding process, during which we interviewed the lowest bidder, we now anticipate that the observation services will require approximately 200 hours

The CE services are estimated to be approximately \$68,000. The breakdown of estimated cost is attached.

We are requesting an amendment in the amount of \$9,500 for completing Phase B- Bidding and Construction Phase Services for PCR1 Drain Improvement project to our budget, which would bring the total amended budget for Phase B to \$74,500. Overall, we hereby request a contract adjustment to cover our added costs.

The table below summarizes the request budget amendment for both phases A and B.

Engineering Services	Proposal Dated Dec 18, 2023, Approved Jan 23, 2024	Requested Budget Amendment	Revised Proposal
Phase A- Preliminary Engineering and Design Phase Services	\$40,000	\$2,500	\$42,500
Phase B- Bidding and Construction Phase Services	\$65,000	\$9,500	\$74,500
<b>Total</b>	<b>\$105,000</b>	<b>\$12,000</b>	<b>\$117,000</b>

The OCWRC will be billed for actual services rendered at our standard hourly rates. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Karyn Stickel, P.E  
Senior Associate

pc: HRC; File

FB

Accepted By:

Signature: \_\_\_\_\_

Written Name: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_



Fatemeh Babakhani, P.E.  
Manager

TASK NO.	TASKS BY PHASE	QA/QC		PROJECT MANAGER		GRAD ENGINEER		STAFF ENGINEER		Observer supervisor		GRAD ENGINEER			
	PCR1 Drain Drainage District Improvement Project	Karyn Stickel		Fatemeh Babakhani		Natalie Sheen		Krista Schoonveld		Bill PennyCook		Observation			
			\$ 182.00		\$ 145.00		\$ 100.00		\$ 121.00		\$ 138.00		\$ 110.00		
		HOURS	RATE	HOURS	RATE	HOURS	RATE	HOURS	RATE			HOURS	RATE	HOURS	COSTS
3.0	Bidding Services – ESA [BID DC -391]														
3.1	Assist the Owner in Publicizing the Project		\$ -	2	\$ 290.00	2	\$ 200.00	2	\$ 242.00		\$ -		\$ -	6	\$ 732.00
3.2	Conduct a Pre-Bid Conference or Pre-Bid Meeting		\$ -	2	\$ 290.00	1	\$ 100.00	1	\$ 121.00		\$ -		\$ -	4	\$ 511.00
3.3	Issue Clarifications of Bid Documents as Addenda		\$ -	2	\$ 290.00	1	\$ 100.00	1	\$ 121.00		\$ -		\$ -	4	\$ 511.00
3.5	Attend the Bid Opening		\$ -	1	\$ 145.00	1	\$ 100.00	1	\$ 121.00		\$ -		\$ -	3	\$ 366.00
3.6	Evaluate and Identify Bids		\$ -	6	\$ 870.00	2	\$ 200.00		\$ -		\$ -		\$ -	8	\$ 1,070.00
3.8	Contact and Interview References		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
3.9	A Pre-Award Meeting	2	\$ 364.00	2	\$ 290.00		\$ -	2	\$ 242.00		\$ -		\$ -	6	\$ 896.00
3.1	Provide a Written Recommendation as to Award	1	\$ 182.00	6	\$ 870.00	6	\$ 600.00	4	\$ 484.00		\$ -		\$ -	17	\$ 2,136.00
3.11	Provide Five Bound Copies (Using Three Ring Binders) for Signature of the Contract Books		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
4.0	Construction Phase Services [CON DC-391]														
4.3	Pre-Construction Meeting	2	\$ 364.00	4	\$ 580.00	4	\$ 400.00	4	\$ 484.00	2	\$ 276.00	4	\$ 440.00	20	\$ 2,544.00
	First walkthrough with Contractor		\$ -	4	\$ 580.00		\$ -	8	\$ 968.00		\$ -	8	\$ 880.00	20	\$ 2,428.00
	Contract Admin and Review Submittals		\$ -	20	\$ 2,900.00	60	\$ 6,000.00	60	\$ 7,260.00	20	\$ 2,760.00		\$ -	160	\$ 18,920.00
	Two Meetings	2	\$ 364.00	4	\$ 580.00		\$ -	4	\$ 484.00		\$ -		\$ -	10	\$ 1,428.00
4.8	Construction Field Management	4	\$ 728.00	90	\$ 13,050.00	80	\$ 8,000.00	16	\$ 1,936.00	4	\$ 552.00		\$ -	194	\$ 24,266.00
4.8	Full-Time Inspection		\$ -		\$ -		\$ -		\$ -		\$ -	160	\$ 17,600.00	160	\$ 17,600.00
4.29	Construction Testing Services		\$ -	2	\$ 290.00	8	\$ 800.00		\$ -		\$ -		\$ -	10	\$ 1,090.00
5.0	Construction Surveying and Layout [CC-392 SUR]														
5.1	Construction Layout		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
	TOTALS	11	\$ 2,002.00	145	\$ 21,025.00	165	\$ 16,500.00	103	\$ 12,463.00		\$ 3,588.00	172	\$ 18,920.00	622	\$ 74,498.00





December 18, 2023

Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, Michigan 48328

Attn: Mr. Geoff Wilson, P.E., Chief Engineer

Re: Pontiac-Clinton River No.1 Improvements  
Proposal for Professional and Construction Engineering Services  
Clean Water State Revolving Fund Project No. 5898-01

HRC Job No. 20220897

Dear Mr. Wilson:

Pursuant to your request, Hubbell, Roth & Clark, Inc. (HRC) is pleased to submit this proposal to provide professional and construction engineering services related to the design and construction of the Pontiac-Clinton River No.1 (PCR Drain) Improvement project in the City of Pontiac. Our services, as described herein, were discussed at the virtual meeting held on November 27, 2023, as well as our previous involvement in developing the FY24 CWSRF Project Plan for Drain Improvements.

We understand that the Oakland County Water Resources Commissioner's office (OCWRC) was awarded American Rescue Plan (ARP) grant funding for FY2024 in the amount of \$800,000 to improve the Drain. This grant allows OCWRC, on behalf of the drainage district, to work toward ensuring the Drain continues to meet its required level of service as established by OCWRC's Asset Management Program and ultimately improve the aged system at a minimal cost to the community. The Drain is an established County Drain under Chapter 20 Drain Code, Act 40 of 1956. The Drain Code Act 40 of 1956 gives the OCWRC, on behalf of the drainage district, powers and responsibilities to maintain and govern legally established drainage systems within the County.

The proposed Drain improvement was outlined in the FY24 SRF Project Plan. The Project Plan identified the following improvements:

- ≡ Pipe rehabilitation, including spot lining and grouting of storm pipes and rehabilitation of existing storm manholes.

Overall, we will assist your office in developing the required project documents to ensure the proposed rehabilitation projects can be competitively bid for and awarded to a contractor in accordance with the required milestone dates for the grant awarded as part of the CWSRF program. We know this grant is an exceptional opportunity for OCWRC and the drainage district, and time is of the essence due to the timing required to meet the grant requirements.

## **SCOPE OF SERVICES**

HRC will assist with the following major work items:

### **Preliminary Engineering Phase Services**

#### ***Task 1 - Project Scoping Confirmation***

OCWRC will review this proposal to confirm the project scope, budget, and anticipated schedule. Upon receipt of comments and any further discussion that is necessary, this document will be updated to memorialize the scope, budget, and schedule. The document will be based on the FY24 CWSRF Project Plan previously provided to OCWRC.

### **Task 2 – Kickoff/Scoping Meeting**

HRC and OCWRC will meet to confirm the project scope, budget, timeline, and deliverables.

### **Task 3 – Review of Rehabilitation Recommendations**

HRC will review and adjust the proposed rehabilitation work in the FY24SRF Project Plan and modify it according to the new findings and OCWRC's recommendations if needed. Additionally, we will confirm any upcoming road rehabilitation locations with the City; however, the proposed repairs are spot lining and grouting of existing storm systems with very limited ground disturbance. HRC will coordinate with WRC's ROW department staff to obtain signed access agreements for this project prior to the start of construction. HRC will prepare preliminary maps and tables of the recommendations for WRC to review.

*Deliverables: One Meeting, Preliminary Design Drawings (or Maps Showing the Proposed Repair)*

## **Design Phase Services**

### **Task 4 – ARP Fund and Program Assistance CWSRF**

HRC will assist OCWRC in submitting any required reviews and correspondence related to the ARP grant.

### **Task 5– Development of Project Plans and Specifications**

Once the final scope is completed, HRC will prepare design plans and specifications for the rehabilitation work. Since the proposed rehabilitation for pipes and structures doesn't require dig-ups, the full topographic survey and geotechnical analysis are not required. For these areas where trenchless repair is proposed, we will use GIS mapping as the primary means to prepare bidding documents, supplementing additional data where necessary. We understand OCWRC's mapping department will be able to assist with the sharing of required GIS geodatabases for this purpose. HRC will prepare technical specifications for all proposed work to be done in the system and will use OCWRC's standard front-end procurement documents.

We suggest (and have included in our budget) scheduling regular design progress meetings once a month with HRC and OCWRC staff to ensure expectations are communicated and necessary project data is made available.

### **Task 6 – Final Review Meeting**

A meeting will be held with OCWRC and HRC staff to finalize the project recommendations, locations, and maps.

### **Task 7 – Permitting**

HRC will coordinate with applicable agencies for permitting. This will include the City of Pontiac and the Road Commission for Oakland County (if needed) for work within the road rights-of-way and the City for the SESC permit. We anticipate no EGLE permit is required since the project does not impact regulated wetlands, floodplains, or inland lakes and streams. No costs have been included for EGLE permitting in this project scope.

*Deliverables: Four Meetings, Project Plan, Technical Specifications*

## **Bidding Services**

### **Task 8– Project Bidding**

A final determination has not been made on whether this project will be publicly bid or invited only to the County's pre-approved contractors. Regardless of the method, HRC will respond to Contractor inquiries, issue any necessary addenda, prepare a bid tab once bids are received, and provide a recommendation for award. We note that this phase of work may

include one or more separate Contracts (as noted above) if it is deemed appropriate to break up the work into similar project types. Bid documents and the bid process will conform to the requirements of the CWSRF program requirements. We understand that this project is considered “non-equivalent.” This means that certain additional Federal requirements, such as “Build American, Buy American,” Disadvantaged Business Enterprise, etc. are not applicable to the project. However, certain other requirements, including “Davis Bacon wages,” Debarment, and non-Iran contracting, may apply.

### **Construction Phase Services**

We anticipate the construction duration for this project will span 8 weeks based on the scope of work, site conditions, and potential challenges that may arise during the construction process.

The following tasks were assumed under construction phase services:

- ≡ Responding to contractor inquiries during the project.
- ≡ Reviewing all design submittals.
- ≡ Review post-lining submittals to ensure completeness.
- ≡ Attending biweekly progress meetings, including preparing agendas and meeting minutes. It is anticipated that these meetings will be held virtually.
- ≡ Preparing change orders as needed.
- ≡ HRC will provide daily observations. 20 observation days were included in the CE services.
- ≡ Preparing a final punch list and project close-out documents.
- ≡ Reviewing quantities and preparing pay estimates based on quantities. Assuming one pay estimate for each month.

### **EASEMENTS**

Because all work is occurring on the existing county drain easement, it is assumed that all subject stormwater lines are within the existing Right-Of-Way and/or the county drain easement. Therefore, these costs do not include any easement acquisitions. If additional easements or access is found to be needed, an additional proposal will be provided. If procurement of easements is necessary, this may also affect the project timeline.

### **ANTICIPATED PROJECT SCHEDULE**

To meet the APR Grant’s timeline requirements, all Notices to Proceed must be issued no later than December 31, 2024. Assuming authorization to proceed is given at the Drainage Board Meeting on January 30, 2024, we anticipate the following schedule to finalize this work: (If the authorization to proceed gets delayed, the project schedule may also be delayed.)

- Kickoff/Scoping meeting, Week of February 05, 2024
- Necessary field investigation– Following the kickoff meeting, February 2024
- Prepare recommendations and preliminary plans and specs – February through April 2024
- Plans and specs available for OCWRC to review – May 01, 2024
- Get comments back from OCWRC– Week of May 27, 2024
- Review meeting with OCWRC– Week of June 03, 2024
- Advertisement – June 24, 2024
- Plans and specs available for bid– July 01, 2024
- Bids Due – August 01, 2024
- Contract packet ready for the Drainage Board Meeting – August 15, 2024
- Contract award (at the Drainage Board Meeting) – August 27, 2024

➤ Award and Notice to Proceed – December 2024 (no later than December 31)

*Note that the ARP Grant does not require a specific timeline, only that a **Notice to Proceed to be issued before December 31, 2024.***

## **FEES FOR SERVICES**

### **Preliminary Engineering and Design Phase Services**

Our costs to complete the work described in the Preliminary Engineering and Design phase services are estimated to be approximately \$40,000, which will be billed on an actual time and materials expended basis and will not be exceeded without prior authorization.

### **Bidding and Construction Phase Services**

Our costs to assist OCWRC in the bidding phase and complete the work described in the Construction phase services are estimated to be approximately \$65,000, which again will be billed on an actual time and materials expended basis and will not be exceeded without prior authorization.

Our total combined fee of \$105,000 equates to approximately 13% of a \$800,000 total grant and will be billed on a monthly basis under the terms and conditions of our engineering services agreement with WRC. If this proposal is deemed acceptable to your office, please acknowledge it by signing in the space provided below. We appreciate the opportunity to work with OCWRC on this important project. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,  
HUBBELL, ROTH & CLARK, INC.



Daniel Mitchell, P.E.  
President



Karyn Stickel, P.E.  
Senior Associate

pc: Oakland County Water Resources Commission; C. Cox  
HRC; F. Babakhani, S. Duffy, File

FB

Accepted By:

Signature:  \_\_\_\_\_

Written Name: Jim Nash

Title: Chairperson

Dated: 1/23/2024

**PONTIAC CLINTON RIVER No. 1 DRAIN REPAIRS CWSRF**  
**ESTIMATE OF PROJECT 17559 COSTS**  
**REVISED: OCTOBER 22, 2024**

	Project Costs
<b>1) Contracted Services: Construction Cost</b> a Constuction Cost (as-bid) b Add More if Multiple Phases/ Contracts  <b>Subtotal Construction Cost</b>	\$ 611,134  \$ 611,134
<b>2) Engineering Consultants</b> a Design Phase b Construction Administration, Inspection, Surveying c Scheduling Consultant for Large Projects d Any Special Serv. - Geo-Tech - Dewatering - Bypass Pumping Design e f  <b>Subtotal Engineering Consultants</b>	\$ 42,500 \$ 74,500  \$ 117,000
<b>3) Legal &amp; Financial</b> a Easements b Legal Costs c Financial Consultant (For Bond Sale Only) TBD d Bond Counsel (Bond Issue Only) TBD e OCIP Insurance f Official Statement g Wetland Mitigation  <b>Subtotal Legal &amp; Financial</b>	\$ 3,000  \$ 3,000
<b>4) County Services:</b> a Administration & General (ADM) b Engineering (ENG) c Right-Of-Way (ROW) d Construction Inspection (INS) e GIS Mapping (ADM) f Operation Staff (STD) (Shutdowns, Training New Facilities, etc.) g Survey (SUR)  <b>Subtotal County Services</b>	\$ 6,113 \$ 48,901 \$ 12,350  \$ 67,363
<b>Project Subtotal</b>	\$ 798,497
<b>5) 10% Construction Contingency</b>	\$ 79,850
<b>6) Less Anticipated Grant Funds</b>	\$ 800,000
<b>7) Total Project Cost</b>	<b>\$ 78,347</b>
Send completed estimate to Fiscal Services to be loaded in CIP People Soft Budget Report	

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER  
PROJECT ASSESSMENT RECOMMENDATION FOR THE  
PONTIAC-CLINTON RIVER NO.1 DRAIN**

PROJECT: PCR No.1 Drain 2024 Repairs CWSRF Project (PRJ-17559)

CURRENT FUND BALANCE: (\$2,923.31)  
*Construction fund FND84447*

AMOUNT TO BE ASSESSED: \$78,347.00

<b>Public Corporation</b>	<b>*Percentage of Apportionment</b>	<b>Total Amount of Assessment</b>
City of Pontiac	97.1055%	\$ 76,079.24
Road Commission for County of Oakland on account of drainage to county highways	0.0275%	\$ 21.55
State of Michigan	2.8670%	\$ 2,246.21
Total	<b>100.000%</b>	<b>\$ 78,347.00</b>

\*Apportionment based on Final Order of Apportionment dated 02/14/1963.

Assessment Payment Due Date: 11/30/2024

I hereby certify that the forgoing Special Assessment Roll was prepared in accordance with the directions of the Drainage Board for the Pontiac-Clinton River No.1 Drain and the statutory provisions applicable thereto.

---

Jim Nash  
Chairman of the Drainage Board for the Pontiac-Clinton River No.1 Drain

The foregoing Special Assessment Roll was approved for the Pontiac-Clinton River No.1 Drain on \_\_\_\_\_

---

Jim Nash  
Chairman of the Drainage Board for the Pontiac-Clinton River No.1 Drain

**PONTIAC CLINTON RIVER No. 1 DRAIN REPAIRS CWSRF**  
**ESTIMATE OF PROJECT 17559 COSTS**  
**REVISED: OCTOBER 22, 2024**

	Project Costs
<b>1) Contracted Services: Construction Cost</b> a Constuction Cost (as-bid) b Add More if Multiple Phases/ Contracts  <b>Subtotal Construction Cost</b>	 \$ 611,134  \$ 611,134
<b>2) Engineering Consultants</b> a Design Phase b Construction Administration, Inspection, Surveying c Scheduling Consultant for Large Projects d Any Special Serv. - Geo-Tech - Dewatering - Bypass Pumping Design e f  <b>Subtotal Engineering Consultants</b>	 \$ 42,500 \$ 74,500  \$ 117,000
<b>3) Legal &amp; Financial</b> a Easements b Legal Costs c Financial Consultant (For Bond Sale Only) TBD d Bond Counsel (Bond Issue Only) TBD e OCIP Insurance f Official Statement g Wetland Mitigation  <b>Subtotal Legal &amp; Financial</b>	 \$ 3,000  \$ 3,000
<b>4) County Services:</b> a Administration & General (ADM) b Engineering (ENG) c Right-Of-Way (ROW) d Construction Inspection (INS) e GIS Mapping (ADM) f Operation Staff (STD) (Shutdowns, Training New Facilities, etc.) g Survey (SUR)  <b>Subtotal County Services</b>	 \$ 6,113 \$ 48,901 \$ 12,350  \$ 67,363
<b>Project Subtotal</b>	\$ 798,497
<b>5) 10% Construction Contingency</b>	\$ 79,850
<b>6) Less Anticipated Grant Funds</b>	\$ 800,000
<b>7) Total Project Cost</b>	<b>\$ 78,347</b>
Send completed estimate to Fiscal Services to be loaded in CIP People Soft Budget Report	

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the PONTIAC CLINTON RIVER # 1 DRAIN (Construction)

**FROM:** Shawn Phleps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phleps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Board approval of payment of the following invoices:

Payable to	Ref No.	For	Amount
Hubbell, Roth & Clark, Inc	V # SINV00291091	Invoice # 0219044 - Engineering Services - 07/20/24 - Proj 1-7559	\$ 2,264.37
Hubbell, Roth & Clark, Inc	TBP	Invoice # 0220548 - Engineering Services - 09/14/24 - Proj 1-7559	3,392.20
Hubbell, Roth & Clark, Inc	TBP	Invoice # 0220730 - Engineering Services - 09/30/24 - Proj 1-7559	2,334.39
		<b>Total Project 1-7559</b>	<b>7,990.96</b>
		<b>Total Project 1-7559</b>	<b>\$ 7,990.96</b>



## **9. Augusta Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE AUGUSTA DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present Construction Estimate No. 3 for T.R. Pieprzak Co., Inc., for Construction of the Augusta Drain Norton Street Innovation Project in the amount of \$208,458.19 with a transfer to the Oakland County Treasurer in the amount of \$18,066.51
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$13,458.60
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE AUGUSTA DRAIN**

September 24, 2024

A meeting of the Drainage Board for the Augusta Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: None.

Minutes of the meeting held August 27, 2024, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

Construction Estimate No. 2 for T.R. Pieprzak Co., Inc., for Construction of the Augusta Drain Norton Street Innovation Project in the amount of \$158,922.74 with a transfer to the Oakland County Treasurer in the amount of \$17,658.08 was presented. It was moved by Markham, supported by Woodward, to approve Construction Estimate No. 2 for T.R. Pieprzak Co., Inc., for construction of the Augusta Drain Norton Street Innovation Project in the amount of \$158,922.74 with a transfer to the Oakland County Treasurer in the amount of \$17,658.08 as presented.

ADOPTED: Yeas - 3  
Nays - 0

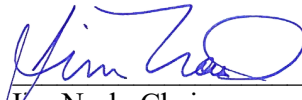
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$173,400 for the Augusta Drain (as attached) were presented. It was moved by Markham, supported by Woodward, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$173,400 as presented.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward and Ms. Markham

ADOPTED: Yeas - 3  
Nays - 0

There being no further business, the meeting was adjourned.



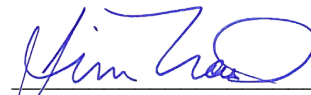
---

Jim Nash, Chairperson

STATE OF MICHIGAN                     )  
  )SS.  
COUNTY OF OAKLAND                 )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Augusta Drain, Oakland County, Michigan, held on 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Augusta Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: September 24, 2024

**Jim Nash, Oakland County Water Resources Commissioner**  
**Augusta Drain Drainage District**  
**For Construction of the Augusta Drain Norton Street Innovation Project**  
**City of Pontiac**  
**Oakland County, Michigan**

Construction Estimate No.: 3

9/1/2024 thru 9/30/2024

Department No.: 6010101  
Fund No.: FND82495  
Project No.: PRJ-17215

Account No.: 730373  
Program No.: 149015  
Activity: STD  
Vendor No.: 41244  
Purchase No.: PO00065969  
Contract No.: CON00011041  
Date of Contract: 7/1/2024  
Completion Date: 6/30/2025

Contractor: T.R. Pieprzak Co., Inc.  
6267 St. Clair Highway  
China Twp., MI 48054

Original Contract Amount:	\$	852,612.88
Previous Change Order Numbers (none):	\$	-
Change Orders This Estimate Numbers (none):	\$	-
Total Net Change Orders:	\$	-
Adjusted Contract Amount:	\$	852,612.88✓
Subtotal To Date: (Sheet 4 of 4, Column 8)	\$	472,166.02
Less Deductions To Date (Sheet 4 of 4, Column 8)	\$	-
Gross Estimate: (Work in Place) 55%	\$	472,166.02
Less Amount Reserved: (5% of Adjusted Contract Amount)	\$	42,630.64
Total Amount Allowed To Date:	\$	429,535.38✓
Less Previous Estimates:	\$	221,077.19
Net Payment Request To Be Paid To Contractor:	\$	208,458.19
Reserve Payment to Contractor:	\$	-
Balance of Contract To Date:	\$380,446.86✓	Accounting Auditor: <i>K S</i> 10/10/24
Less Previous Transfers To Reserve:	\$	24,564.13
Amount of Current Transfer:	\$	18,066.51

Prepared By: *JH*  
Jen Cook, P.E. - Project Engineer (WRC)

Date: 10/11/2024

Recommended By: John V. Balint  
Digitally signed by John V. Balint  
DN: C=US, E=jbalint@hrcengr.com, O=Hubbell, Roth  
and Clark, Inc., CN=John V. Balint  
Date: 2024.10.09 11:16:29-0400  
John Balint, P.E. - Consulting Engineer (HRC)

Date: 10/9/2024

Approved By: *Joel Brown*  
Joel Brown, P.E. - Chief Engineer (WRC)

Date: 10/15/2024

Approved By: *Steven Korth*  
Steven Korth, P.E. - Chief Manager (WRC)

Date: Oct. 16, 2024

**JIM NASH**  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Approved by Board on: \_\_\_\_\_

**Jim Nash, Oakland County Water Resources Commissioner**  
**Augusta Drain Drainage District**  
**For Construction of the Augusta Drain Norton Street Innovation Project**  
**City of Pontiac**  
**Oakland County, Michigan**

Construction Estimate No. 03		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous	Total Quantity To Date	Total Amount To Date	Total Amount This Payment
1	Permit Allowance	5,000	Dlr	\$ 1.00				\$ -	\$ -
2	Mobilization (Max 5%)	1	Lsum	\$ 55,000.00		1.0	1.0	\$ 55,000.00	\$ -
3	Tree, Rem, Less than 6 inch	3	Ea	\$ 250.00		3	3	\$ 750.00	\$ -
4	Tree, Rem, 6 inch to 18 inch	16	Ea	\$ 600.00		18	18	\$ 10,800.00	\$ -
5	Tree, Rem, 19 inch to 36 inch	12	Ea	\$ 1,300.00		18	18	\$ 23,400.00	\$ -
6	Curb and Gutter, Rem	80	Ft	\$ 35.00				\$ -	\$ -
7	Spillway, Rem	1	Ea	\$ 840.00		2	2	\$ 1,680.00	\$ -
8	Retaining Wall, Rem	1	Lsum	\$ 1,400.00		1	1	\$ 1,400.00	\$ -
9	Structures, Rem Portions (Foundation Walls)	500	Cyd	\$ 23.60	80	80	160	\$ 3,776.00	\$ 1,888.00
10	Site Grading	1.89	Ac	\$ 102,436.00	0.89	1.00	1.89	\$ 193,604.04	\$ 91,168.04
11	Excavation, Earth	150	Cyd	\$ 37.50		150	150	\$ 5,625.00	\$ -
12	Erosion Control, Silt Fence	1,252	Ft	\$ 2.30		1,275	1,275	\$ 2,932.50	\$ -
13	Erosion Control, Inlet Protection, Fabric Drop	15	Ea	\$ 143.00		11	11	\$ 1,573.00	\$ -
14	Erosion Control, Gravel Access, Approach	1	Ea	\$ 2,730.00				\$ -	\$ -
15	Aggregate Base, 6 inch (Path)	1,380	Syd	\$ 26.30	690		690	\$ 18,147.00	\$ 18,147.00
16	Aggregate Surface Cse, 4 inch	1,105	Syd	\$ 20.00				\$ -	\$ -
17	Sewer, Cl A, 12 inch, Tr Det A	137	Ft	\$ 81.00	72	65	137	\$ 11,097.00	\$ 5,832.00
18	Sewer End Sect, HDPE, 12 inch	2	Ea	\$ 407.00				\$ -	\$ -
19	Trench Undercut and Backfill (As Needed)	5	Cyd	\$ 95.00				\$ -	\$ -
20	Outlet Control Structure, HDPE, 24 inch dia.	2	Ea	\$ 4,150.00	1	1	2	\$ 8,300.00	\$ 4,150.00
21	Curb Cut Inlet	8	Ea	\$ 980.00				\$ -	\$ -
22	Fence, Protective (As Needed)	100	Ft	\$ 7.00				\$ -	\$ -
23	Minor Traffic Devices and Traf Regulator Control	1	Lsum	\$ 10,830.00				\$ -	\$ -
24	Riprap, Plain	22	Syd	\$ 140.00				\$ -	\$ -
25	One-Year Vegetation Maintenance and Guarantee	1	Lsum	\$ 88,938.00				\$ -	\$ -
26	Respreding of Existing Soils, 4 inch	731	Cyd	\$ 23.00	731		731	\$ 16,813.00	\$ 16,813.00
27	Compost for Amended In-Place Soils	206	Cyd	\$ 48.00				\$ -	\$ -
28	Shrubs, Deciduous	259	Ea	\$ 94.00				\$ -	\$ -
29	Trees, 2.5 inch caliper, Deciduous Canopy	29	Ea	\$ 552.00				\$ -	\$ -

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

**Jim Nash, Oakland County Water Resources Commissioner**  
**Augusta Drain Drainage District**  
**For Construction of the Augusta Drain Norton Street Innovation Project**  
**City of Pontiac**  
**Oakland County, Michigan**

Construction Estimate No. 03		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous	Total Quantity To Date	Total Amount To Date	Total Amount This Payment
30	Trees, 2 inch caliper, Ornamental	16	Ea	\$ 404.00				\$ -	\$ -
31	Perennial Mix (Quart), 18 inches o.c.	2,111	Ea	\$ 4.88				\$ -	\$ -
32	Ledge Rock	29.5	Ton	\$ 800.00				\$ -	\$ -
33	Cobbles, 12 inch to 18 inch (Gravel Bands)	66	Ton	\$ 400.00				\$ -	\$ -
34	Washed Stone, 5 inch (Gravel Bands)	36	Ton	\$ 350.00				\$ -	\$ -
35	Flagstone (Creek Bed)	5,105	Sft	\$ 17.72	3,904		3,904	\$ 69,178.88	\$ 69,178.88
36	Weed Barrier Control	2,052	Syd	\$ 1.50	434		434	\$ 651.00	\$ 651.00
37	Seeded Turf Lawn	3,508	Syd	\$ 2.40				\$ -	\$ -
38	Sedge and Grass Seed Mix	1,808	Syd	\$ 8.67				\$ -	\$ -
39	Stormwater Native Seed Mix	2,135	Syd	\$ 9.30				\$ -	\$ -
40	Prairie Seed Mix	5,687	Syd	\$ 1.60				\$ -	\$ -
41	Clearing and Grubbing	301	Cyd	\$ 14.10		200	200	\$ 2,820.00	\$ -
42	Sewer, 4-inch HDPE	42	Ft	\$ 39.07	20	22	42	\$ 1,640.94	\$ 781.40
43	Sewer, 4-inch HDPE Perforated with Sock (Backfill w/ 2NS Sand)	849	Ft	\$ 41.34	407	442	849	\$ 35,097.66	\$ 16,825.38
44	Cleanout, 4-inch HDPE	4	Ea	\$ 545.00	2	2	4	\$ 2,180.00	\$ 1,090.00
45	Imported Soil (As Needed)	150	Cyd	\$ 38.00		150	150	\$ 5,700.00	\$ -
46	Concrete Foundation, End Section	2	Ea	\$ 4,000.00				\$ -	\$ -
47	Seal Wall at Overflow (Painted-On Concrete Sealer)	2	Ea	\$ 1,250.00				\$ -	\$ -

## Change Orders:


## Stored Materials:


## Deductions:


**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**



**Jim Nash, Oakland County Water Resources Commissioner**  
**Augusta Drain Drainage District**  
**For Construction of the Augusta Drain Norton Street Innovation Project**  
**City of Pontiac**  
**Oakland County, Michigan**

Construction Estimate No. 03		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous	Total Quantity To Date	Total Amount To Date	Total Amount This Payment

Total Amount To-Date: \$ 472,166.02

Total Amount This Estimate: \$ 226,524.70

Change Orders To-Date: \$ -

Change Orders This Estimate: \$ -

Stored Materials To-Date: \$ -

Stored Materials This Estimate: \$ -

Subtotal To-Date: \$ 472,166.02

Subtotal This Estimate: \$ 226,524.70

Deductions To-Date: \$ -

Deductions This Estimate: \$ -

Gross Payment This Estimate: \$ 226,524.70

Less Transfer to Reserve: \$ 18,066.51

Net Payment This Estimate: \$ 208,458.19



6267 St. Clair Highway  
China Township, MI 48054  
810.329.4027 – office  
810.329.6359 – fax  
[www.trpieprzak.com](http://www.trpieprzak.com)

October 7, 2024

Oakland County Water Resources Commissioner  
Building 95 West – One Public Works Drive  
Waterford, MI 48328-1907

Via: Hubbell, Roth & Clark, Inc.  
555 Hulet Drive  
Bloomfield Hills, MI 48302-0360

Project: Augusta Drain-Norton Street Innovation Project

Dear Ms. Jen Cook:

Enclosed please find invoice 24-005-03B for the above reference project. In conformance with the Contract Documents, Section 6-B.6, regarding Applications for Payments; we are requesting payment. This payment request covers work completed starting September 1, 2024 through September 30, 2024.

Should you have any questions regarding this payment request, please contact the undersigned.

Respectfully,  
**Gregory Pieprzak**  
Gregory Pieprzak  
VP/Secretary  
T.R. Pieprzak Co., Inc.

Encl: Pay Application 24-005-03B

## CONTRACTOR'S DECLARATION

The undersigned, on behalf of T.R. Pieprzak Co., Inc. ("Contractor"), hereby declares that the Contractor has not, during the period commencing with the start of the Work which is the subject of the Contract defined below to following date: September 30, 2024, performed any Work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which Contractor shall ask, demand, sue for, or claim compensation from the Oakland County Water Resources Commissioner, County Agency for the County of Oakland County, and the Augusta Drain Drainage District, ("Owner"), or its agents, in addition to the original scope of Work specified in Oakland County Purchasing Contract Number CON00011041 and, on this 1st day of July, 2024 between Contractor and Owner, and in the Change Orders for additional or extra Work issued by the Owner, in writing, as provided thereunder and/or extension of time, except as set forth on the itemized statement attached hereto.

There ☒ is ☐ is not an itemized statement attached.

Date: 10/4/2024

Contractor:

T.R. Pieprzak Co., Inc.

Signature:

Greg Pieprzak

Digitally signed by Greg Pieprzak  
DN: cn=Greg Pieprzak, o=T.R. Pieprzak, ou,  
email=greg@trpieprzak.com, c=US  
Date: 2024.10.04 09:40:19 -0400

Name:

Gregory Pieprzak

Title:

VP/Secretary

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Page CD-1 of CD-1

11/27/2019

# SWORN STATEMENT

State of Michigan

} §

County of St. Clair

Tina Pieprzak, being duly sworn, states the following:

T.R. Pieprzak Company, Inc.

is the (contractor)(subcontractor) for an improvement to the following real property in Oakland County, Michigan, described as follows: Augusta Drain/Norton Street Innovation Project

The following is a statement of each subcontractor, supplier and laborer, for whom payment of wages or fringe benefits and withholdings is due but unpaid, with whom the (contractor)(subcontractor) has (contracted)(subcontracted) for performance are correctly and fully set forth opposite their names:

Name, Address & Phone No. of Subcontractor, Supplier or Laborer	Type of Improvement Furnished	Total Contract Price	Amount Already Paid	Amount Currently Owing	Balance to Complete (optional)	Amount of Laborer Wages Due but Unpaid	Amount of Laborer Fringe Benefits and Withholdings Due but Unpaid
ETNA	Supplier	8,573.79	8,573.79	0.00			
Michigan Lawn Maintenance	Subcontractor	2,172.00	2,172.00	0.00			
Owen Tree	Subcontractor	37,450.00	37,450.00	0.00			
Core-Main	Supplier	209.07	209.07	0.00			
<b>Totals</b>		48,404.86	48,404.86	0.00			

(Some columns may not be applicable to all person listed)



The contractor has not procured material from, or subcontracted with, any person other than those set forth and owes no money for the improvement other than the sums set forth.\*

I make this statement as the (contractor)(subcontractor) or as \_\_\_\_\_ of the (contractor)(subcontractor) to represent to the owner or lessee of the property and his or her agents that the property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth in this statement and except for claims of construction liens by laborers that may be provided under Section 109 of the Construction Lien Act, 1980 PA 497, MCL 570.1109.

WARNINGS TO OWNER OR LESSEE: AN OWNER OF LESSEE OF THE PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1109 TO THE DESIGNEE OR TO THE OWNER OF LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED.

IF THIS SWORN STATEMENT IS IN REGARD TO A RESIDENTIAL STRUCTURE, ON RECEIPT OF THIS SWORN STATEMENT, THE OWNER OF LESSEE, OR THE OWNER'S OR LESSEE'S DESIGNEE MUST GIVE NOTICE OF ITS RECEIPT, EITHER IN WRITING, OR BY TELEPHONE, OR PERSONALLY, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING UNDER SECTION 109 OR, IF A NOTICE OF FURNISHING IS EXCUSED UNDER SECTION 108 OR 108a, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER NAMED IN THE SWORN STATEMENT. IF A SUBCONTRACTOR, SUPPLIER WHO HAS PROVIDED A NOTICE OF FURNISHING OR WHO IS NAMED IN THE SWORN STATEMENT MAKES A REQUEST, THE OWNER, LESSEE, OR DESIGNEE SHALL PROVIDE THE REQUESTER A COPY OF THE SWORN STATEMENT WITHIN 10 BUSINESS DAYS AFTER RECEIVING THE REQUEST.

Tina Pieprzak

Dependent Printed Name

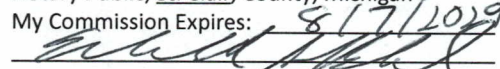
  
Dependent Signature

WARNING TO DEPENDENT: A PERSON WHO GIVES A FALSE SWORN STATEMENT WITH INTENT TO DEFRAUD IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1110.

Subscribed and sworn to before me this

4th Day of July, 2024

Notary Public, St. Clair County, Michigan

My Commission Expires: 8/7/2029  


MICHAEL A BABEL

NOTARY PUBLIC - STATE OF MICHIGAN  
COUNTY OF ST CLAIR COUNTY

My Commission Expires August 7, 2029

Acting in the County of St Clair

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the AUGUSTA DRAIN (Construction)

**FROM:** Shawn Phelps, Chief of Fiscal Services *HB for Shawn Phelps*  
OCWRC Accounting

**DATE:** October 22, 2024

**SUBJECT:** Request for Reimbursement of Drain Revolving Fund

The following is a detail of charges paid from the Drain Revolving Fund  
for the period ending October 17, 2024.

Ref No.	Paid To	For	Amount
# SINV00255655	Hubbell, Roth, & Clark, Inc	Invoice # 0215216 - Engineering Services - 03/02/24 - Proj # 1-7557	\$11,950.02
TBP	Hubbell, Roth, & Clark, Inc	Invoice # 0220547 - Engineering Services - 09/14/24 - Proj # 1-7557	1,006.77
TBP	Hubbell, Roth, & Clark, Inc	Invoice # 0220729 - Engineering Services - 09/30/24 - Proj # 1-7557	501.81
<b>Total Project 1-7557</b>			<b><u>\$13,458.60</u></b>

## **10. Henry-Graham Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE HENRY-GRAHAM DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of March 26, 2024
3. Public Comments
4. Present Construction Estimate No. 1 for D.V.M. Utilities for Repairs to the Henry Graham Drain in the amount of \$104,165.00
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$1,989.57
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn



**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE HENRY-GRAHAM DRAIN**

March 26, 2024

A meeting of the Drainage Board for the Henry-Graham Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 26<sup>th</sup> day of March 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held June 27, 2023, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

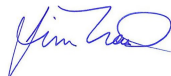
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$147,631.01 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$147,631.01.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2  
Nays - 0

There being no further business, the meeting was adjourned.



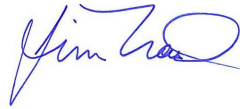
---

Jim Nash, Chairperson

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Henry-Graham Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of March 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Henry-Graham Drain Drainage District.



---

Jim Nash, Chairperson

Dated: March 26, 2024

**Jim Nash, Oakland County Water Resources Commissioner**  
**Henry Graham Drain Drainage District**  
**For Repairs to the Henry Graham Drain**  
**City of Troy and City of Madison Heights**  
**Oakland County, Michigan**

Construction Estimate No. 1 ✓

September 9, 2024 to October 11, 2024 ✓

Department No. : CCN6010101  
Fund No. : FND82494  
Project No. : PRJ-17415

Account No. : SC730373  
Program No. : PRG155020  
Activity : STD  
Vendor No. : 17497  
Contract No. : WDCON8744  
Date of Contract : 1/21/2020  
Completion Date : 12/31/2024

Contractor :  
DVM Utilities, Inc.  
6045 Sims Dr Ste 2  
Sterling Heights, MI 48313

Original Contract Amount: \$365,917.75

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$365,917.75

Subtotal To Date: (Sheet 2 of 2 Column 7) \$104,165.00

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 28.47% \$104,165.00

Less Amount Reserved: (0% of Gross Estimate) \$0.00

Total Amount Allowed To Date: \$104,165.00

Less Previous Estimates: \$0.00 ✓

Net Payment Request To Be Paid To Contractor: \$104,165.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$261,752.75 ✓ Accounting Auditor: HDG 10/16/24

Less Previous Transfers To Reserve: \$0.00 ✓

Amount of Current Transfer: \$0.00

Prepared by: Geoff Wilson  
Geoff S. Wilson, P.E. - WRC Chief Engineer

Date: 10/16/2024

Approved by: \_\_\_\_\_  
Gary Nigro, P.E. - WRC Manager

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

Approved by Board on: \_\_\_\_\_

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Jim Nash, Oakland County Water Resources Commissioner  
Henry Graham Drain Drainage District  
For Repairs to the Henry Graham Drain  
City of Troy and City of Madison Heights  
Oakland County, Michigan

Construction Estimate No. 1		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
N/A to ROT002003 (Asset ID 24044) - Grout									
1	Chemical Grouting System Setup, Joint	1	EA	5,000.00	0.0	0.0	0.0	\$0.00	\$0.00
2	Post Construction PACP CCTV	10	FT	28.50	0.0	0.0	0.0	\$0.00	\$0.00
3	Traffic Control	1	LS	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT002004 to ROT002003 (Asset ID 24046) - Grout									
4	Chemical Grouting System Setup, Joint	2	EA	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
5	Post Construction PACP CCTV	343	FT	1.25	0.0	0.0	0.0	\$0.00	\$0.00
6	Traffic Control	1	LS	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
N/A to ROT002005 (Asset ID 24047) - Grout									
7	Chemical Grouting System Setup, Joint	1	EA	1,200.00	0.0	0.0	0.0	\$0.00	\$0.00
8	Post Construction PACP CCTV	10	FT	28.50	0.0	0.0	0.0	\$0.00	\$0.00
9	Traffic Control	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT005001 to ROT002009 (Asset ID 24054) - Grout									
10	Chemical Grouting System Setup, Joint	1	EA	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
11	Post Construction PACP CCTV	198	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
12	Traffic Control	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT143024 to ROT002022 (Asset ID 24681) - Grout									
13	Chemical Grouting System Setup, Joint	3	EA	2,300.00	0.0	0.0	0.0	\$0.00	\$0.00
14	Post Construction PACP CCTV	155	FT	2.00	0.0	0.0	0.0	\$0.00	\$0.00
15	Traffic Control	1	LS	1,850.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT002018 to ROT002027(BT) (Asset ID 24690) - Grout									
16	Chemical Grouting System Setup, Joint	1	EA	1,200.00	0.0	0.0	0.0	\$0.00	\$0.00
17	Post Construction PACP CCTV	17	FT	17.00	0.0	0.0	0.0	\$0.00	\$0.00
18	Traffic Control	1	LS	450.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT002026 to ROT002028 (Asset ID 24688 (24684)) - Grout									
19	Chemical Grouting System Setup, Joint	1	EA	2,700.00	0.0	0.0	0.0	\$0.00	\$0.00
20	Post Construction PACP CCTV	43	FT	7.50	0.0	0.0	0.0	\$0.00	\$0.00
21	Traffic Control	1	LS	500.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT003004 to ROT003003 (Asset ID 22676) - Grout									
22	Chemical Grouting System Setup, Joint	2	EA	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
23	Post Construction PACP CCTV	428	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
24	Traffic Control	1	LS	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT005002 to ROT005001 (Asset ID 22711) - Grout									
25	Chemical Grouting System Setup, Joint	1	EA	1,200.00	0.0	0.0	0.0	\$0.00	\$0.00
26	Post Construction PACP CCTV	26	FT	11.00	0.0	0.0	0.0	\$0.00	\$0.00
27	Traffic Control	1	LS	900.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT008019 to ROT008012 (Asset ID 22688) - Grout									
28	Chemical Grouting System Setup, Joint	2	EA	1,200.00	0.0	0.0	0.0	\$0.00	\$0.00
29	Post Construction PACP CCTV	195	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
30	Traffic Control	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT100003 to TRT100002 (Asset ID 25846) - Grout									
31	Chemical Grouting System Setup, Joint	4	EA	2,375.00	0.0	0.0	0.0	\$0.00	\$0.00
32	Post Construction PACP CCTV	466	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
33	Traffic Control	1	LS	500.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT100005 to TRT100004 (Asset ID 25838) - Grout									
34	Chemical Grouting System Setup, Joint	2	EA	2,700.00	0.0	0.0	0.0	\$0.00	\$0.00
35	Post Construction PACP CCTV	632	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
36	Traffic Control	1	LS	250.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT098063 to TRT100006 (Asset ID 25834) - Grout									
37	Chemical Grouting System Setup, Joint	4	EA	2,400.00	0.0	0.0	0.0	\$0.00	\$0.00
38	Post Construction PACP CCTV	607	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
39	Traffic Control	1	LS	500.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT143013 to TRT143011 (Asset ID 25399) - Grout									
40	Chemical Grouting System Setup, Joint	1	EA	2,700.00	0.0	0.0	0.0	\$0.00	\$0.00
41	Post Construction PACP CCTV	542	FT	1.75	0.0	0.0	0.0	\$0.00	\$0.00
42	Traffic Control	1	LS	1,100.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT143015 to TRT143014 (Asset ID 25408) - Grout									
43	Chemical Grouting System Setup, Joint	3	EA	2,500.00	0.0	0.0	0.0	\$0.00	\$0.00
44	Post Construction PACP CCTV	542	FT	1.75	0.0	0.0	0.0	\$0.00	\$0.00
45	Traffic Control	1	LS	1,800.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT142003 to TRT143021 (Asset ID 25866) - Grout									
46	Chemical Grouting System Setup, Joint	3	Ea	2,500.00	0.0	0.0	0.0	\$0.00	\$0.00
47	Post Construction PACP CCTV	692	Ft	1.50	0.0	0.0	0.0	\$0.00	\$0.00
48	Traffic Control	1	LS	550.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT094016 to TRT144001 (Asset ID 26218) - Grout									
49	Chemical Grouting System Setup, Joint	2	EA	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
50	Post Construction PACP CCTV	10	FT	33.00	0.0	0.0	0.0	\$0.00	\$0.00
51	Traffic Control	1	LS	475.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT144004 to TRT144003 (Asset ID 25440) - Grout									
52	Chemical Grouting System Setup, Joint	4	EA	1,700.00	0.0	0.0	0.0	\$0.00	\$0.00
53	Post Construction PACP CCTV	363	FT	1.75	0.0	0.0	0.0	\$0.00	\$0.00
54	Traffic Control	1	LS	2,250.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT144006 to TRT144004 (Asset ID 25437) - Grout									
55	Chemical Grouting System Setup, Joint	2	EA	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
56	Post Construction PACP CCTV	284	FT	2.25	0.0	0.0	0.0	\$0.00	\$0.00
57	Traffic Control	1	LS	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT144009 to TRT144006 (Asset ID 25432) - Grout									
58	Chemical Grouting System Setup, Joint	5	EA	2,450.00	0.0	0.0	0.0	\$0.00	\$0.00
59	Post Construction PACP CCTV	378	FT	1.75	0.0	0.0	0.0	\$0.00	\$0.00
60	Traffic Control	1	LS	2,450.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT144014 to TRT144011 (Asset ID 25425) - Grout/Deposits									
61	Chemical Grouting System Setup, Joint	1	EA	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
62	Deposits Removal	1	EA	300.00	0.0	0.0	0.0	\$0.00	\$0.00
63	Post Construction PACP CCTV	434	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
64	Traffic Control	1	LS	1,150.00	0.0	0.0	0.0	\$0.00	\$0.00
TRT143016 to TRT143015 (Asset ID 24055) - Grout/Reinforcement Repair									
65	Chemical Grouting System Setup, Joint	5	EA	2,450.00	0.0	0.0	0.0	\$0.00	\$0.00
66	Concrete Repair, Prep and Patch	20	SFT	275.00	0.0	0.0	0.0	\$0.00	\$0.00
67	Corroded/Missing Reinforcement Repair	15	FT	150.00	0.0	0.0	0.0	\$0.00	\$0.00
68	Post Construction PACP CCTV	436	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
69	Traffic Control	1	LS	1,900.00	0.0	0.0	0.0	\$0.00	\$0.00
ROT003011 to ROT003017 (Asset ID 24041) - Reinforcement Repair									
70	Concrete Repair, Prep and Patch	9	SFT	350.00	9.0	0.0	9.0	\$3,150.00	\$3,150.00
71	Corroded/Missing Reinforcement Repair	8	FT	150.00	8.0	0.0	8.0	\$1,200.00	\$1,200.00
72	Post Construction PACP CCTV	280	FT	1.25	0.0	0.0	0.0	\$0.00	\$0.00
73	Traffic Control	1	LS	800.00	1.0	0.0	1.0	\$800.00	\$800.00
TRT051046 to TRT051045 (Asset ID 26200) - Reinforcement Repair									
74	Concrete Repair, Prep and Patch	146	SFT	165.00	146.0	0.0	146.0	\$24,090.00	\$24,090.00
75	Corroded/Missing Reinforcement Repair	60	FT	100.00	60.0	0.0	60.0	\$6,000.00	\$6,000.00
76	Post Construction PACP CCTV	578	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
77	Traffic Control	1	LS	500.00	1.0	0.0	1.0	\$500.00	\$500.00
TRT051049 to TRT051046 (Asset ID 26197) - Reinforcement Repair									
78	Concrete Repair, Prep and Patch	102	SFT	185.00	102.0	0.0	102.0	\$18,870.00	\$18,870.00
79	Corroded/Missing Reinforcement Repair	40	FT	135.00	40.0	0.0	40.0	\$5,400.00	\$5,400.00
80	Post Construction PACP CCTV	538	FT	1.50	0.0	0.0	0.0	\$0.00	\$0.00
81	Traffic Control	1	LS	500.00	1.0	0.0	1.0	\$500.00	\$500.00
TRT051050 to TRT051049 (Asset ID 26196) - Reinforcement Repair									
82	Concrete Repair, Prep and Patch	70	SFT	225.00	70.0	0.0	70.0	\$15,750.00	\$15,750.00
83	Corroded/Missing Reinforcement Repair	20	FT	135.00	20.0	0.0	20.0	\$2,700.00	\$2,700.00
84	Post Construction PACP CCTV	411	FT	1.75	0.0	0.0	0.0	\$0.00	\$0.00
85	Traffic Control	1	LS	500.00	1.0	0.0	1.0	\$500.00	\$500.00



**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the HENRY GRAHAM DRAIN

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*HP for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving  
Fund and Invoices for the period ending October 17, 2024.

Date	Ref No.	To	For	Amount
	TBP	Hubbell Roth & Clark Inc	Invoice # 0220568 - Engineering Services - 09/14/24 - Proj #1-7415	\$ 816.75
	TBP	Hubbell Roth & Clark Inc	Invoice # 0220810 - Engineering Services - 09/30/24 - Proj #1-7415	1,172.82
			Total	<u>\$ 1,989.57</u>

## **11. Fracassi Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE FRACASSI DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 22, 2021
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$45,515
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn



**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE FRACASSI DRAIN**

June 22, 2021

A meeting of the Drainage Board for the Fracassi Drain was held at 2:00 p.m. on the 22<sup>nd</sup> day of June, 2021. Due to the COVID-19 pandemic, the meeting was conducted electronically via GoToMeeting in accordance with PA 254 of 2020, as may be amended from time to time and/or as otherwise provided by law.

The meeting was called to order by the Chairperson. The Board indicated where they were physically located at the time of the meeting as follows:

PRESENT: Jim Nash, Oakland County Water Resources Commissioner, participating from Farmington Hills, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners.

Minutes of the meeting held June 26, 2018 were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

Chairperson Nash asked if there were any public comments. There were none.

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$63,753 for the Fracassi Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$63,753 as presented.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$15,330.48 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$15,330.48.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

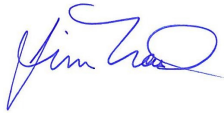
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

There being no further business, the meeting was adjourned.

A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

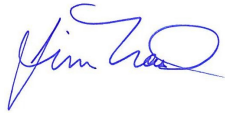
---

Jim Nash, Chairperson

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Fracassi Drain, Oakland County, Michigan, held on the 22<sup>nd</sup> day of June, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Fracassi Drain.

A handwritten signature in blue ink, appearing to read "Jim Nash", is written above a horizontal line.

---

Jim Nash, Chairperson

Dated: June 22, 2021

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**  
**MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE**  
**Fracassi Drain**

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2025 through 2027

Date last assessment approved:	06/22/21	
Last Assessment:		\$63,753
Current Available Cash:		(\$18,215)

<b>Expenditure History:</b>	<b>Fiscal Year</b>	<b>Amount</b>
	2017	\$18,671
	2018	\$2,021
	2019	\$9,860
	2020	\$17,715
	2021	\$3,663
	2022	\$11,272
	2023	\$6,381
	2024 YTD	\$35,780

<b>Estimated Expenditures:</b>	<b>Year</b>	<b>Amount</b>
	2025	\$9,100
	2026	\$9,100
	2027	\$9,100
	<b>Total</b>	<b>\$27,300</b>

**Recommended Assessment:**

Current Cash Deficit	\$18,215
Total Anticipated Expenses 2025 - 2027	\$27,300

<b>TOTAL RECOMMENDED ASSESSMENT</b>	<b>\$45,515</b>
-------------------------------------	-----------------

Prepared by: Andrea Craft Date: 10/14/2024  
Andrea Craft - Senior Engineering Systems Coordinator

Approved by: Geoff Wilson Date: 10/17/2024  
Geoff Wilson, P.E. - Chief Engineer

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Gary Nigro, P.E. - Manager

Note: Current Available Cash as of August 31, 2024, Fiscal Services Division Report.

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE  
OF THE FRACASSI DRAIN**

<b>Public Corporation</b>	<b>*Percentage of Apportionment</b>	<b>Total Amount of Assessment</b>	<b>Payment #1</b>	<b>Payment #2</b>	<b>Payment #3</b>
City of Southfield	100.0000%	\$ 45,515.00	\$ 45,515.00	-	-
Total	<b>100.000%</b>	<b>\$ 45,515.00</b>	<b>\$ 45,515.00</b>	<b>\$ -</b>	<b>\$ -</b>

\*Apportionment based on Final Order of Apportionment dated 11/13/1974.

Assessment Payment Due Date(s): Payment #1 11/30/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Fracassi Drain for the fiscal years 2025- 2027 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

\_\_\_\_\_  
Jim Nash  
Chairman of the Drainage Board for the Fracassi Drain

The foregoing Special Assessment Roll for the maintenance of the Fracassi Drain was approved by the Drainage Board on \_\_\_\_\_.

\_\_\_\_\_  
Jim Nash  
Chairman of the Drainage Board for the Fracassi Drain

## **12. Rummell Relief Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE RUMMELL RELIEF DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$39,638
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE RUMMELL RELIEF DRAIN**

June 25, 2019

A meeting of the Drainage Board for the Rummell Relief Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25<sup>th</sup> day of June 2019.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Chairperson and Oakland County Water Resources Commissioner  
  
David Woodward, Chairperson of the Oakland County Board of Commissioners  
  
Gwen Markham, Vice Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held January 24, 2017 were presented for consideration. It was moved by Woodward, supported by Markham, that the minutes be approved.

ADOPTED: Yeas - 3  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

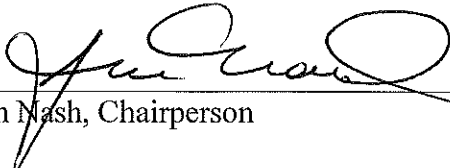
A request for reimbursement of the Drain Revolving Fund in the amount of \$167.05 (as attached) was presented. It was moved by Markham, supported by Woodward, that the Drain Revolving Fund be reimbursed in the amount of \$167.05.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham and Mr. Woodward.

ADOPTED: Yeas - 3  
Nays - 0

There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson



**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the RUMMEL RELIEF DRAIN

**FROM:** Shawn Phelps, Chief of Fiscal Services *payable for Shawn Phelps*  
OCWRC Accounting

**DATE:** June 25, 2019

**SUBJECT:** Request for Reimbursement of Drain Revolving Fund

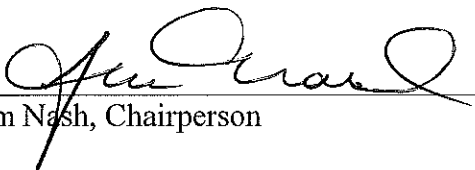
The following is a detail of Maintenance charges paid from the Drain Revolving Fund for the period ending June 19, 2019.

Date	Ref No.	Paid To	For	Amount
5/15/2019	V # 1354002	East Jordan USA Inc	Invoice # 110190024959 - Material & Supplies	\$ 167.05
				<u>\$ 167.05</u>

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board of the Rummell Relief Drain, Oakland County, Michigan, held on the 25<sup>th</sup> day of June 2019, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board of the Rummell Relief Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: 7/3, 2019

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**  
**MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE**  
**Rummell Relief Drain**

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2025 through 2027

Date last assessment approved:	06/22/21	
Last Assessment:		\$136,417
Current Available Cash:		(\$1,938)

<b>Expenditure History:</b>	<b>Fiscal Year</b>	<b>Amount</b>
	2017	\$8,371
	2018	\$10,069
	2019	\$8,216
	2020	\$23,301
	2021	\$127,067
	2022	\$10,736
	2023	\$8,533
	2024 YTD	\$9,094

<b>Estimated Expenditures:</b>	<b>Year</b>	<b>Amount</b>
	2025	\$9,900
	2026	\$9,900
	2027	\$9,900
	<b>Total</b>	<b>\$29,700</b>

**Recommended Assessment:**

Current Cash Deficit	\$1,938
Total Anticipated Expenses 2025 - 2027	\$29,700
Proposed Special Maintenance Expenses	\$8,000
<b>TOTAL RECOMMENDED ASSESSMENT</b>	<b>\$39,638</b>

Prepared by: Andrea Craft Date: 10/14/2024  
Andrea Craft - Senior Engineering Systems Coordinator

Approved by: Geoff Wilson Date: 10/17/2024  
Geoff Wilson, P.E. - Chief Engineer

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Gary Nigro, P.E. - Manager

Note: Current Available Cash as of August 31, 2024, Fiscal Services Division Report.

# SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE RUMMELL RELIEF DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Lathrup Village	10.5002%	\$ 4,162.07	\$ 4,162.07	-	-
City of Southfield	69.6579%	\$ 27,611.00	\$ 27,611.00	-	-
Road Commission for County of Oakland on account of drainage to county highways	2.9877%	\$ 1,184.26	\$ 1,184.26	-	-
Southfield Township	1.1119%	\$ 440.73	\$ 440.73	-	-
Village of Beverly Hills	15.7423%	\$ 6,239.94	\$ 6,239.94	-	-
<hr/>					
Total	<b>100.000%</b>	<b>\$ 39,638.00</b>	<b>\$ 39,638.00</b>	<b>\$ -</b>	<b>\$ -</b>

\*Apportionment based on Final Order of Apportionment dated 6/17/2003.

Assessment Payment Due Date(s): Payment #1 11/30/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Rummell Relief Drain for the fiscal years 2025- 2027 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

\_\_\_\_\_  
Jim Nash  
Chairman of the Drainage Board for the Rummell Relief Drain

The foregoing Special Assessment Roll for the maintenance of the Rummell Relief Drain was approved by the Drainage Board on \_\_\_\_\_ .

\_\_\_\_\_  
Jim Nash  
Chairman of the Drainage Board for the Rummell Relief Drain

## **13. Northwest Oakland Sanitary Sewer Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE NORTHWEST OAKLAND SANITARY SEWER DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of September 24, 2024
3. Public Comments
4. Present memorandum from Brian Coburn, WRC Manager, dated October 22, 2024, requesting the Board approve to pay \$10 million to Genesee County in accordance with the Kearsley Creek Interceptor Construction Agreement dated July 13, 2023
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$3,794.50
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE NORTHWEST OAKLAND SANITARY SEWER DRAIN**

September 24, 2024

A meeting of the Drainage Board for the Northwest Oakland Sanitary Sewer Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24<sup>th</sup> day of September 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: None.

Minutes of the meeting held June 25, 2024, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

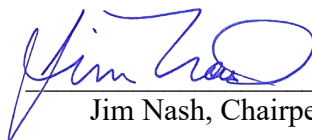
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$22,165.00 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$22,165.00.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward and Ms. Markham.

ADOPTED: Yeas - 3  
Nays - 0

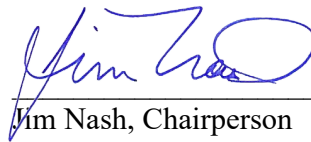
There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Northwest Oakland Sanitary Sewer Drain, Oakland County, Michigan, held on the 24<sup>th</sup> day of September 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Northwest Oakland Sanitary Sewer Drain Drainage District.

  
\_\_\_\_\_  
Jim Nash, Chairperson

Dated: September 24, 2024



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

**TO:** Jim Nash, Chairperson  
Northwest Oakland Sanitary Drain Drainage District

**FROM:** Brian Coburn, P.E., Manager

**SUBJECT:** Kearsley Creek Interceptor Capacity Purchase

**DATE:** October 22, 2024

The Northwest Oakland Sanitary Drain Drainage District and the Genesee County Drain Commissioner entered into an agreement on June 13, 2023, to facilitate the construction of the Kearsley Creek Interceptor and the purchase of sanitary sewer capacity in the Genesee County Sewage Disposal System for the benefit of Brandon, Groveland, and Holly Townships as well as the Village of Ortonville. At the time of the agreement, the estimated cost of the project was \$35 million. The key components of the agreement are:

- The Genesee County Drain Commissioner will construct the Kearsley Creek Interceptor project and will initially allocate 28.5% of the sewer capacity for Northwest Oakland District and reserve another 14.2% of the sewer capacity for future use by the District, for a total capacity purchase of 42.7%. The District will have the right of first refusal for the reserved capacity.
- The total cost to the District is limited to \$10 million for the initial capacity purchase. In the case of a cost overrun, the initial capacity purchase by the District will be decreased to the equivalent of \$10 million using the calculation in the agreement.
- The District will pay the \$10 million within 60 days of the Genesee County Drain Commissioner providing a summary of construction bids, updated project costs, and a calculation of the District's capacity and cost share in the project.

The Genesee County Drain Commissioner divided the project into four concurrent phases and received bids on June 28 and July 2, 2024. The revised project cost including the construction bids is \$58.8 million, a 68% increase. As a result of the cost overrun, Genesee's Drain Commissioner met with the stakeholders, including the Oakland County Water Resources Commissioner, on July 11, 2024, and requested additional funding from each of the four Genesee County communities and the District. Oakland County's Water Resources Commissioner has maintained a clear position that the funding for the Northwest Oakland District was capped at \$10 million. According to the terms of the agreement, this would reduce the initial purchase capacity from 28.5% to 17.0%, with the remaining 11.5% unassigned, but reserved for the District.

The table below summarizes the capacity purchase as contemplated in the original agreement and the updated capacity purchase using the as-bid project costs.

	Estimated in Agreement	As-Bid Project Costs
<i>Project Cost</i>	\$35,000,000	\$58,800,000
<i>Initial Capacity Purchase (\$10 million)</i>	28.5%	17.0%
<i>Remaining Initial Capacity Purchase</i>	--	11.5%
<i>Reserve Capacity held by Genesee County</i>	14.2%	14.2%
<i>Total Capacity for NW Oakland</i>	42.7%	42.7%

The Genesee County Drain Commissioner sent a follow-up letter on July 16, 2024, requesting a meeting to discuss “alternative funding mechanisms and an addendum to the existing contract.” The letter also states that “this is not a simple cost overrun as described in the contract” and suggests that this change would void or alter the existing agreement. The \$6.7 million funding gap for the initial capacity assigned to the District would be the responsibility of Genesee’s Drain Commissioner until such time as the District purchases additional capacity in the system.

In a subsequent conversation on August 5, 2024, with John O’Brien, Water & Waste Division Director at the Genesee County Drain Commissioner’s office, I reiterated that the District stands ready, willing and able to fulfill its commitment under the agreement and expects Genesee’s Drain Commissioner to do the same by constructing the project. I also reiterated that, based on a review which included our attorneys’ review, the District does not agree that the related increased costs allow for termination of the agreement or that the District is obligated to pay more than \$10 million at the time of Kearsley Creek Interceptor construction.

Genesee’s Drain Commissioner requested consideration of an amendment to the existing agreement that would require the District to purchase the remaining initial capacity (11.5%) at the time that the sanitary drain is constructed. This would provide the 28.5% initial capacity as originally contemplated. The WRC agreed to present a draft amendment to the District’s Board for consideration as this capacity would be needed at the time of sewer construction in Oakland County. The Genesee Drain Commissioner committed to providing the draft amendment “within a few days.”

To date, we have not received the draft amendment even after sending reminders via email on August 7, August 14, August 21, September 12, September 25, and October 14, 2024. Further, our office sent a letter to the Genesee County Drain Commissioner on August 28, 2024, reminding him that we had not received a draft amendment. We also reminded them of certain documentation that was required from them to begin the 60-day payment window, “advising that the District stands ready to make its payment of \$10 million pursuant to Section 8 of the Agreement,” and requesting an invoice to facilitate said payment.

The Genesee County Drain Commissioner sent a response on September 13, 2024, providing the information required in the agreement, agreeing to send an invoice for the \$10 million payment, confirming that the project is moving forward, and committing to provide a proposed amendment to the current agreement. Per the agreement, payment is due within 60 days of receiving this information, which is November 12, 2024.

To date, our office has not received an invoice nor a draft agreement, although we have a commitment memorialized in an October 7, 2024 email that an invoice will be issued the week of October 24, 2024.

I am requesting consideration by the Board to approve the \$10 million payment to the Genesee County Drain Commissioner in accordance with the existing agreement pending receipt of an invoice to facilitate payment prior to the November 12, 2024 deadline. Further, we will present a draft amendment to the Board for consideration once received. The draft agreement will not impact the payment amount to Genesee at this point in the project and would only potentially affect future payments at the time of Northwest Oakland Sanitary Drain construction. Construction of the sewer in Oakland County is not funded at this time; however, the goal of the agreement was to secure sewer capacity for the future.

**RECOMMENDED ACTION: Approve the payment of \$10 million to Genesee County in accordance with the Kearsley Creek Interceptor Construction Agreement dated July 13, 2023.**

MEMO TO: Mr. Jim Nash, Chairman  
of the Drainage Board for the NORTHWEST OAKLAND SANITARY DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*Handwritten signature: H for Shawn Phelps*

DATE: October 22, 2024

SUBJECT: Request for Board approval of payment of the following invoices:

Date	Ref No.	Paid To	For	Amount
10/9/2024	SINV00294496	Dickinson Wright PLLC	Invoice # 1959576 - Legal Services - 08/31/24 - Prj # 1-7469	\$ 2,244.00
10/9/2024	SINV00294529	Dickinson Wright PLLC	Invoice # 1966109 - Legal Services - 10/01/24 - Prj # 1-7469	484.00
			<b>Total Project 1-7469</b>	<b>\$ 2,728.00</b>
9/24/2024	SINV00289539	Dickinson Wright PLLC	Invoice # 1950668 - Legal Services - 07/31/24 - Prj # 1-7076	\$ 1,066.50
			<b>Total Project 1-7076</b>	<b>\$ 1,066.50</b>
			<b>Grand Total</b>	<b>\$ 3,794.50</b>

## **14. Joseph Jones Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE JOSEPH JONES DRAIN**

October 22, 2024

1. Call meeting to order
2. Approve minutes of meeting of August 27, 2024
3. Public Comments
4. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$58,811
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE JOSEPH JONES DRAIN**

August 27, 2024

A meeting of the Drainage Board for the Joseph Jones Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 27<sup>th</sup> day of August 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held June 23, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2  
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

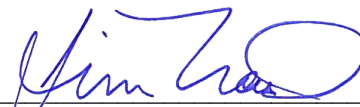
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$36,393.16 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$36,393.16.

ADOPTED: Yeas - 2  
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2  
Nays - 0

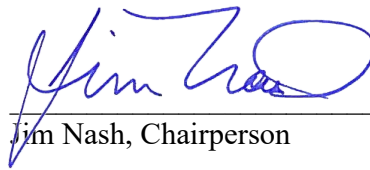
There being no further business, the meeting was adjourned.

  
\_\_\_\_\_  
Jim Nash, Chairperson

STATE OF MICHIGAN                    )  
  )SS.  
COUNTY OF OAKLAND                )

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Joseph Jones Drain, Oakland County, Michigan, held on the 27<sup>th</sup> day of August 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Joseph Jones Drain Drainage District.



---

Jim Nash, Chairperson

Dated: August 27, 2024



**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the JOSEPH JONES DRAIN - (Construction Fund)

**FROM:** Shawn Phelps, Chief of Fiscal Services  
OCWRC Accounting

*H for Shawn Phelps*

**DATE:** October 22, 2024

**SUBJECT:** Request for Board approval of payment of the following invoices:

Date	Ref No.	Paid To	For	Amount
9/27/2024	V # SINV00291097	Drummond Carpenter PLLC	Invoice # 5114R - Contracted Services -8/31/24 - Proj 1-7603	\$ 18,134.50
			<b>Total Project 1-7603</b>	<b>\$ 18,134.50</b>
9/27/2024	V # SINV00291085	Geosyntec Consultants of Michigan	Invoice # 187563614 - Contracted Services - Proj 1-7604	\$ 28,448.34
9/27/2024	V # SINV00291088	Geosyntec Consultants of Michigan	Invoice # 422583077 - Contracted Services - Proj 1-7604	8,473.04
10/7/2024	V # SINV00293677	Geosyntec Consultants of Michigan	Invoice # 422586250 - Contracted Services - Proj 1-7604	3,755.12
			<b>Total Project 1-7604</b>	<b>\$ 40,676.50</b>
			<b>Total</b>	<b>\$ 58,811.00</b>