

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

1. Acacia Park CSO Drain
2. Birmingham CSO Drain
3. Bloomfield Village CSO Drain
4. City of Pontiac Wastewater Treatment Facility
5. Clinton River Water Resource Recovery Facility
6. George W. Kuhn Drain
7. Borden Drain
8. Edwards Relief Drain
9. McCulloch Drain

NOTICE IS HEREBY GIVEN THAT MEETINGS OF THE DRAINAGE BOARD FOR THE ABOVE-MENTIONED DRAINS WILL COMMENCE AT **2:00 P.M.**, ON **TUESDAY, FEBRUARY 23, 2021** VIA GOTOMEETING. THOSE THAT WISH TO PARTICIPATE MAY FOLLOW THE INSTRUCTIONS ATTACHED TO THIS NOTICE.

THIS BOARD MEETING IS BEING CONDUCTED ELECTRONICALLY IN ACCORDANCE WITH THE PROVISIONS OF THE OPEN MEETINGS ACT, PA 267 OF 1976, AS AMENDED, AND/OR AS OTHERWISE PROVIDED BY LAW.

DURING THE ELECTRONIC 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 MEGAN KOSS AT [KOSSM@OAKGOV.COM](mailto:KOSSM@OAKGOV.COM).

PERSONS WITH DISABILITIES THAT NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT MEGAN KOSS AT [KOSSM@OAKGOV.COM](mailto:KOSSM@OAKGOV.COM).

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

Posted by: February 19, 2021

**February 23, 2021 Chapter 20 Drain Board Meeting**  
**Tue, Feb 23, 2021 2:00 PM - 4:00 PM (EST)**

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/583806421>

You can also dial in using your phone.

United States: [+1 \(872\) 240-3311](tel:+18722403311)

Access Code: 583-806-421

Join from a video-conferencing room or system.

Dial in or type: 67.217.95.2 or [inroomlink.goto.com](https://inroomlink.goto.com)

Meeting ID: 583 806 421

Or dial directly: 583806421@67.217.95.2 or 67.217.95.2##583806421

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**Chapter 20 Drainage Board Meeting**  
**Regular Meeting – Tuesday February 23, 2021**

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**1. Acacia Park CSO**

## **AGENDA**

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

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of January 26, 2021
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Sewage Disposal System Fund in the amount of \$31,955.84
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

January 26, 2021

A meeting of the Drainage Board for the Acacia Park CSO Drain was held at 2:00 p.m. on the 26<sup>th</sup> of January, 2021. The meeting was conducted electronically via GoToMeeting in accordance with PA 267 of 1976, as amended, 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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

Minutes of the meeting held December 15, 2020 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 reimbursement of the Drain Revolving Fund in the amount of \$15,987.82 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$15,987.82.

ADOPTED: Yeas - 3  
Nays - 0

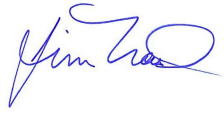
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$31,955.84 (as attached) was presented. It was moved by Markham, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$31,955.84.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Woodward, 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.

A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

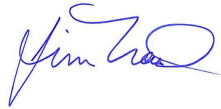
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Jim Nash, Chairperson

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 of the Acacia Park CSO Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of January, 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 Acacia Park CSO Drain Drainage District.



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Jim Nash, Chairperson

Dated: February   2  , 2021

**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:** February 23, 2021

**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 February 16, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
01/31/21	JE# 351102	January 2021 Storm Water Flow Charges RTB Capacity Use (O & M Credit)	\$31,955.84
			<u>\$31,955.84</u>



## **2. Birmingham CSO**

## **AGENDA**

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

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of January 26, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$1,916.98
5. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$33,415.26
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**

January 26, 2021

A meeting of the Drainage Board for the Birmingham CSO Drain was held at 2:00 p.m. on the 26<sup>th</sup> of January, 2021. The meeting was conducted electronically via GoToMeeting in accordance with PA 267 of 1976, as amended, 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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

Minutes of the meeting held December 15, 2020 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 reimbursement of the Drain Revolving Fund in the amount of \$8,570.70 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$8,570.70.

ADOPTED: Yeas - 3  
Nays - 0

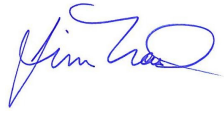
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$33,415.26 (as attached) was presented. It was moved by Markham, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$33,415.26.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Woodward, 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.

A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

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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 of the Birmingham CSO Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of January, 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 Birmingham CSO Drain Drainage District.



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Jim Nash, Chairperson

Dated: February   2  , 2021

**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:** February 23, 2021

**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 February 16, 2021

G/L Date	Ref No.	Paid To	For	Amount
1/31/2021	V # 1503408	JCI Jones Chemicals Inc	Invoice # 844134 - Chlorination Supplies	\$ 1,916.98
			<b>Total</b>	<b>\$ 1,916.98</b>

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

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

*Sj Phelps*

**DATE:** February 23, 2021

**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 February 16 , 2021.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
01/31/21	JE# 351102	January 2021 Storm Water Flow Charges RTB Capacity Use (O & M Credit)	\$33,415.26
			<u>\$33,415.26</u>

### **3. Bloomfield Village CSO**



## **AGENDA**

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

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of January 26, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$5,837.56
5. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$42,173.67
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**

January 26, 2021

A meeting of the Drainage Board for the Bloomfield Village CSO Drain was held at 2:00 p.m. on the 26<sup>th</sup> of January, 2021. The meeting was conducted electronically via GoToMeeting in accordance with PA 267 of 1976, as amended, 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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

Minutes of the meeting held December 15, 2020 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 reimbursement of the Drain Revolving Fund in the amount of \$7,893.42 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$7,893.42.

ADOPTED: Yeas - 3  
Nays - 0

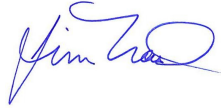
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$42,173.67 (as attached) was presented. It was moved by Markham, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$42,173.67.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Woodward, 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.

A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

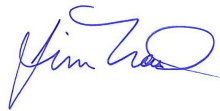
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Jim Nash, Chairperson

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 of the Bloomfield Village CSO Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of January, 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 Bloomfield Village CSO Drain Drainage District.



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Jim Nash, Chairperson

Dated: February   2  , 2021

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: February 23, 2021

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 February 16, 2021

G/L Date	Ref No.	Paid To	For	Amount
1/31/2021	V # 1504284	Shaw Service & Maintenance	Invoice # 910003265 - Contracted Services	\$ 5,837.56
			Total	\$ 5,837.56

**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

*Sj Phelps*

**DATE:** February 23, 2021

**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 February 16, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
01/31/21	JE# 351102	January 2021 Storm Water Flow Charges RTB Capacity Use (O & M Credit)	\$42,173.67
			<u>\$42,173.67</u>

**4. City of Pontiac  
Wastewater Treatment Facility**

## **AGENDA**

### **DRAINAGE BOARD FOR THE CITY OF PONTIAC WASTEWATER TREATMENT FACILITY**

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of December 15, 2020
3. Public Comments
4. Present request for Board approval of payment of invoices in the amount of \$3,211.60
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn



**MINUTES OF THE MEETING OF THE DRAINAGE BOARD  
FOR THE CITY OF PONTIAC WASTEWATER TREATMENT FACILITY**

December 15, 2020

A meeting of the Drainage Board for the City of Pontiac Wastewater Treatment Facility was held at 2:00 p.m. on the 15<sup>th</sup> of December, 2020. The meeting was conducted electronically via GoToMeeting in accordance with PA 228 of 2020.

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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Helaine Zack, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Huntington Woods, Michigan.

Minutes of the meeting held November 17, 2020 were presented for consideration. It was moved by Zack, 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.

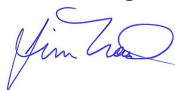
A request for Board approval of payment of invoices in the amount of \$2,736 (as attached) was presented. It was moved by Zack, supported by Woodward, that the invoices in the amount of \$2,736 be paid as presented.

ADOPTED: Yeas - 3  
Nays - 0

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

ADOPTED: Yeas - 3  
Nays - 0

There being no further business, the meeting was adjourned.




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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 of the City of Pontiac Wastewater Treatment Facility, Oakland County, Michigan, held on the 15<sup>th</sup> day of December, 2020, 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 City of Pontiac Wastewater Treatment Facility Drainage District.



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Jim Nash, Chairperson

Dated: December   30  , 2020

**MEMO TO:** Mr. Jim Nash, Chairman  
of the Drainage Board for the CITY PONTIAC WWTP DRAIN (Maintenance Fund)

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

**DATE:** February 23, 2021

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

Payable To	Reference	For	
Dickinson Wright PLLC	V # 1503296	Invoice # 1546114 - Legal Services - 12/31/20 - Featherstone Lease Litigation	\$ 566.40
Dickinson Wright PLLC	TBP	Invoice # 1537031 - Legal Services - 11/30/20 - Featherstone Lease Litigation	2,645.20
Total			<b>\$ 3,211.60</b>

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

## **AGENDA**

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

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of January 26, 2021
3. Public Comments
4. Present Construction Estimate No. 39 for Tooles Contracting Group LLC in the amount of \$18,602.37
5. Present Construction Estimate No. 17 for Frank Rewold and Son, Inc. in the amount of \$39,560.14 and a reserve payment in the amount of \$51,200.98
6. Present request for Board approval of payment of invoices from the Construction Fund in the amount \$630
7. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$272,901.80
8. Other business
9. Approve pro rata payment to Drainage Board members
10. Adjourn

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

January 26, 2021

A meeting of the Drainage Board for the Clinton River Water Resource Recovery Facility was held at 2:00 p.m. on the 26<sup>th</sup> of January, 2021. The meeting was conducted electronically via GoToMeeting in accordance with PA 267 of 1976, as amended, 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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

Minutes of the meeting held December 15, 2020 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 Board approval of payment of invoices from the Construction Fund in the amount of \$11,448.66 (as attached) was presented. It was moved by Markham, supported by Woodward, that the invoices in the amount of \$11,448.66 be paid as presented.

ADOPTED: Yeas - 3  
Nays - 0

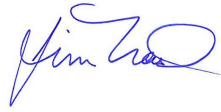
A request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$392,277.48 (as attached) was presented. It was moved by Markham, supported by Woodward, that the invoices in the amount of \$392,277.48 be paid as presented.

ADOPTED: Yeas - 3  
Nays - 0

It was moved by Nash, supported by Woodward, 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.

A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

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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 of the Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 26<sup>th</sup> day of January, 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 Clinton River Water Resource Recovery Facility.



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Jim Nash, Chairperson

Dated: February   2  , 2021



Jim Nash, Oakland County Water Resources Commissioner  
BioSolids Handling & Septage Receiving Facility Project  
City of Pontiac, Oakland County, MI

Regular Construction Estimate No. 39

Estimate Period: November 1, 2020 to November 30, 2020

Contractor

Tooles Contracting Group LLC  
535 Griswold, Suite 2550  
Detroit, MI 48226

Department No.: 6010101  
Fund No.: 84686  
Project No.: 10000002181  
Account No.: 731472  
Program No.: 149015  
Activity: FAC  
Purchasing Contract No.: 5179

Substantial Completion Date: June 27, 2019  
Extended to: NA

Notice to Proceed: June 27, 2017  
Final Completion Date: September 25, 2019  
Extended to: January 6, 2020

Original Contract Amount: \$32,370,771.00

Previous Change Orders: \$1,234,027.75  
Numbers: #1 through 43

Change Orders This Estimate: \$0.00  
Numbers: None

Total Net Change Orders: \$1,234,027.75

Adjusted Contract Amount: \$33,604,798.75 ✓

Sub-Total To Date: (Sheet 2 of 2 Column 7) \$33,483,562.16

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

Gross Estimate: (Work in Place) 99.64% \$33,483,562.16

Less Amount Reserved: (Lump Sum) \$1,644,919.77

Less Liquidated Damages For Milestone #1  
266 days (March 29, 2019 to Dec 20, 2019) \$478,800.00

Less Liquidated Damages For Final Completion  
295 days (January 3, 2020 to November 30, 2020  
excluding 37 COVID19 days) \$590,000.00

Less Amount to be Reserved \$576,119.77 ✓

Total Amount Allowed To Date: \$31,838,642.39

Less Previous Estimates: \$31,820,040.02

Net Payment Request To Be Paid To Contractor: \$18,602.37 ✓

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 121,236.59 Accounting Auditor: *jfb* 2/9/21

Amount To Be Reserved (From Above) \$1,644,919.77

Less Previous Transfers To Reserve: \$1,644,919.77

Amount of Current Transfer: \$0.00

Less Prior Liquidated Damages Payment To Construction Account: \$1,008,800.00 ✓

Less Current Liquidated Damages Payment To Construction Account: \$60,000.00

Amount of Current Reserve: \$576,119.77 ✓

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

Date: 2/10/2021

Recommended by: *Edmund Smith*  
CDM Smith

Date: 2/9/2021

Approved by: *Gary Nigro*  
Gary Nigro, P.E. - Chief Engineer

Date: Feb 12, 2021

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

Date: 2/12/2021

Regular Construction Estimate No. 39

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

**Jim Nash, Oakland County Water Resources Commissioner**  
**Clinton River Water Resources Recovery Facility Administration Building Renovation and Addition**  
**City of Pontiac, Oakland County, Michigan**

Regular Construction Estimate No. 17

October 1, 2020 to January 31, 2021

Department No.: 6010101  
Fund No.: 82686  
Project No.: 1-2787

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

Contractor:

Frank Rewold and Son, Inc.  
303 East Third Street - Suite 300  
Rochester, MI 48307

Contract No.: 5704  
Date of Contract: December 18, 2018  
Completion Date: April 16, 2020  
Extended to: N/A

Original Contract Amount: \$2,564,206.00

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

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$2,564,206.00 ✓

Sub-Total To Date: (Sheet 3 of 3 Column 7) \$2,546,664.60

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

Gross Estimate: (Work in Place) 99.32% \$2,546,664.60

Less Amount Reserved: (Lump Sum) \$1,814.20

Total Amount Allowed To Date: \$2,544,850.40

Less Previous Estimates: \$2,454,089.28 ✓

Net Payment Request To Be Paid To Contractor: \$39,560.14 ✓

Reserve Payment to Contractor \$51,200.98

Balance of Contract To Date \$ ✓ 17,541.40 Accounting Auditor: *jlb* 2/10/21

Amount To Be Reserved (From Above) \$1,814.20

Less Previous Transfers To Reserve: \$53,015.18 ✓

Amount of Current Transfer: (\$51,200.98)

Prepared by: *Razik Alsaigh*  
Razik Alsaigh - Project Engineer

Date: *02/11/2021*

Recommended by: *Michael T. Vasek*  
Fishbeck, Thompson, Carr & Huber - Consulting Engineer

Date: *02/11/21*

Approved by: \_\_\_\_\_  
Gary Nigro - Chief Engineer, Construction Management

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

Approved by: \_\_\_\_\_  
Sid Lockhart - Special Projects Manager

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

Regular Construction Estimate No. 17

Approved By Board on: \_\_\_\_\_

**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



**DATE:** February 23, 2021

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

	Ref No.	For	Amount
Entrance Technologies Inc	TBP	Invoice # 21287 - Contracted Services - Proj # 1-2181	490.00
Dickinson Wright PLLC	TBP	Invoice # 1546091 - Legal Services - 12/31/20 - Proj #1-2181	140.00
		<b>Total for Project # 1-2181</b>	<b>\$ 630.00</b>

**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

*Sj Phelps*

**DATE:** February 23, 2021

**SUBJECT:** Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund and Invoices for the period of January 21, 2021 to February 17, 2021.

Payable To	Ref No.	For	Amount
US Geological Survey	V # 1500331	Invoice # 761-10599495 - Stream Gauge Program	3,021.50
PVS Technologies Inc	V # 1501291	Invoice # 280869 - Chemical Treatment	4,059.84
PVS Technologies Inc	V # 1501290	Invoice # 280956 - Chemical Treatment	2,112.96
PVS Technologies Inc	V # 1499623	Invoice # 279257 - Chemical Treatment	2,115.84
PVS Technologies Inc	V # 1499624	Invoice # 279359 - Chemical Treatment	3,891.84
PVS Technologies Inc	TBP	Invoice # 282211 - Chemical Treatment	2,136.96
PVS Technologies Inc	TBP	Invoice # 282342 - Chemical Treatment	4,168.32
JCI Jones Chemicals Inc	V # 1500361	Invoice # 843761 - Chemical Treatment	2,572.92
JCI Jones Chemicals Inc	TBP	Invoice # 845216 - Chemical Treatment	2,526.72
JCI Jones Chemicals Inc	TBP	Invoice # 845440 - Chemical Treatment	2,272.50
Eurofins TestAmerica	V # 1504309	Invoice # 1900006629 - Laboratory Fees	1,358.20
Michigan CAT	TBP	Invoice # SD11575174 - Contracted Services	9,771.85
D3W Industries	TBP	Invoice # 2066 - Material and Supplies	11,550.00
HOH Water Technology	TBP	Invoice # 596287 - Contracted Services	1,700.00
Limbach Company LLC-Michigan	TBP	Invoice # 7826 - Contracted Services	3,844.75
Shaw Service & Maintenance	V # 1504288	Invoice # 910003266 - Contracted Services	4,136.98
Orion Marketing Group LLC	V # 1503534	Invoice # 359701 - Uniforms	3,994.50
Biotech Agronomics Inc	TBP	Invoice # 2703 - Land Application	111,920.63
Waste Management	TBP	Invoice # 8494626-1714-3 - Garbage & Rubbish Disposal	1,538.24
Washington Elevator	TBP	Invoice # 2-1018738-01 - Material and Supplies	1,093.40
Thundermop Maintenance	V # 1504315	Invoice # 210109 - Janitorial Services - January 2020	1,120.00
<b>Subtotal</b>			<b>\$ 180,907.95</b>
Sigma Associates Inc	TBP	Invoice # 637.000-0009362 - Contracted Services - 12/27/20 - 01/30/21 Proj # 1-2922	\$ 635.17
<b>Subtotal - Project 1-2922</b>			<b>\$ 635.17</b>
Tetra Tech Inc	TBP	Invoice # 51696230 - Contracted Services - 01/22/21 - Proj 1 - 3304	\$ 6,453.00
<b>Subtotal - Project 1-3304</b>			<b>\$ 6,453.00</b>
Primodel US Incorporated	V # 1504259	Invoice # 2020 - 0044 - Contracted Services - Proj # 1-3064	\$ 9,590.68
<b>Subtotal - Project 1-3064</b>			<b>\$ 9,590.68</b>
OHM	TBP	Invoice # 330445 - Contracted Services - 12/31/20 - Proj # 1-3269	\$ 3,365.00
<b>Subtotal - Project 1-3269</b>			<b>\$ 3,365.00</b>
ASTI Environmental Services	TBP	Invoice # 36427H - Contracted Services - Proj # 1-3008	\$ 60,950.00
<b>Subtotal - Project 1-3008</b>			<b>\$ 60,950.00</b>
Hesco	TBP	Invoice # 20201537 - Contracted Services - Proj # 1-3243	11,000.00
<b>Subtotal - Project 1-3243</b>			<b>\$ 11,000.00</b>
<b>Total</b>			<b>\$ 272,901.80</b>

## **6. George W. Kuhn Drain**

## **AGENDA**

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

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of January 26, 2021
3. Public Comments
4. Present Construction Estimate No. 18 for Weiss Construction in the amount of \$138,360.80 with a transfer of \$493.20 to the Oakland County Treasurer
5. Present request for Board approval of payment of invoices in the amount of \$35,358.46
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

January 26, 2021

A meeting of the Drainage Board for the George W. Kuhn Drain was held at 2:00 p.m. on the 26<sup>th</sup> of January, 2021. The meeting was conducted electronically via GoToMeeting in accordance with PA 267 of 1976, as amended, 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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

Minutes of the meeting held December 15, 2020 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 Kelsey Cooke, Drainage District Legal Counsel, regarding the Court of Appeals ruling pertaining to *Kickham Hanley PLLC v. George W. Kuhn Drainage District*, was presented. It was moved by Markham, supported by Woodward, to receive and file the memorandum as presented.

ADOPTED: Yeas - 3  
Nays - 0

Construction Estimate No. 17 for Weiss Construction in the amount of \$169,279 was presented. It was moved by Markham, supported by Woodward, to approve Construction Estimate No. 17 as presented.

ADOPTED: Yeas - 3  
Nays - 0

A request for approval of payment of invoices in the amount of \$51,557.61 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices in the amount of \$51,557.61.

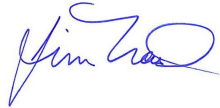
ADOPTED: Yeas - 3

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.



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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 of the George W. Kuhn Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of January, 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 George W. Kuhn Drain Drainage District.



---

Jim Nash, Chairperson

Dated: February   2  , 2021

**Jim Nash, Oakland County Water Resources Commissioner  
Dequindre Pump Station Rehabilitation  
George W. Kuhn Drain Drainage District  
Oakland County, Michigan**

Regular Construction Estimate No. 18

January 1, 2021 to January 31, 2021

Department No.: 6010101  
Fund No.: 58520  
Project No.: 1-2190

Account No.: 730373  
Program No.: 149667  
Activity: FAC

Contractor:  
Weiss Construction  
4000 Renaissance Center, Suite 2170  
Detroit, MI 48243

Date of Contract: May 14, 2019  
Completion Date: August 30, 2020  
Extended to: January 31, 2021

Original Contract Amount: \$5,845,000.00

Previous Change Orders: \$140,509.00  
Numbers: Change Order #1 and #2

Change Orders This Estimate: \$9,864.00  
Numbers: Change Order #3

Total Net Change Orders: \$150,373.00

Adjusted Contract Amount: \$5,995,373.00 ✓

Sub-Total To Date: \$5,929,478.00

Less Deductions: \$0.00

Gross Estimate: (Work in Place) 98.90% \$5,929,478.00

Less Amount Reserved: (10% of 1/2 Adjusted Contract Amount) \$299,768.65

Total Amount Allowed To Date: \$5,629,709.35 ✓

Less Previous Estimates: \$5,491,348.55 ✓

Net Payment Request To Be Paid To Contractor: \$138,360.80

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ ✓ 65,895.00 Accounting Auditor: *jls* 2/10/21

Amount To Be Reserved (From Above) \$299,768.65

Less Previous Transfers To Reserve: \$299,275.45 ✓

Amount of Current Transfer: \$493.20 ✓

Prepared by: *Craig Tiell*  
Craig Tiell - Project Engineer

Date: *2/10/2021*

Recommended by: *John Arvai*  
John Arvai, P.E. - Consulting Engineer

Date: 2/11/2021

Approved by: *Gary Nigro*  
Gary Nigro, P.E. - Chief Engineer, Construction Management

Date: Feb 12, 2021

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

Date: 2/12/2021

Regular Construction Estimate No. 18

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

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

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

**DATE:** February 23, 2021

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

Payable To	Ref No.	For	Amount
Dickinson Wright, PLLC	TBP	Invoice # 1546070 - Legal Services - 12/31/2020	749.50
Dickinson Wright, PLLC	TBP	Invoice # 1546071 - Legal Services - 12/31/2020	6,308.03
Dickinson Wright, PLLC	TBP	Invoice # 1546072 - Legal Services - 12/31/2020	3,145.88
Dickinson Wright, PLLC	TBP	Invoice # 1546073 - Legal Services - 12/31/2020	2,494.95
Dickinson Wright, PLLC	TBP	Invoice # 1546079 - Legal Services - 12/31/2020	2,436.96
Dickinson Wright, PLLC	TBP	Invoice # 1546080 - Legal Services - 12/31/2020	2,411.62
Dickinson Wright, PLLC	TBP	Invoice # 1546081 - Legal Services - 12/31/2020	2,350.32
Dickinson Wright, PLLC	TBP	Invoice # 1546082 - Legal Services - 12/31/2020	2,351.13
Dickinson Wright, PLLC	TBP	Invoice # 1546084 - Legal Services - 12/31/2020	2,395.26
Dickinson Wright, PLLC	TBP	Invoice # 1546085 - Legal Services - 12/31/2020	2,373.94
Dickinson Wright, PLLC	TBP	Invoice # 1546090 - Legal Services - 12/31/2020	2,345.87
Dickinson Wright, PLLC	TBP	Invoice # 1546107 - Legal Services - 12/31/2020	5,855.00
Dickinson Wright, PLLC	TBP	Invoice # 1546116 - Legal Services - 12/31/2020	140.00
<b>Subtotal</b>			<b>\$ 35,358.46</b>
<b>Total</b>			<b>\$ 35,358.46</b>

## **7. Borden Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR THE BORDEN DRAIN**

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of June 26, 2018
3. Public Comments
4. Present Memorandum from Geoff Wilson, Drain Maintenance Engineer, dated February 23, 2021 recommending the Board authorize Trojan Development Services to remove and dispose of sediment per their existing as-needed services contract for an amount not to exceed \$52,189.17
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

June 26, 2018

A meeting of the Drainage Board for the Borden 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 June, 2018.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Thomas F. Middleton, Chairperson of the Finance Committee,  
Oakland County Board of Commissioners

ABSENT: Michael Gingell, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held June 17, 2008 were presented for consideration. It was moved by Middleton, 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.

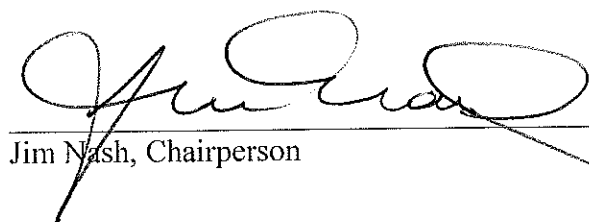
A resolution for the restatement of Construction Surplus and Maintenance Fund for the Borden Drain (as attached) was presented. It was moved by Middleton, supported by Nash, to approve the restatement of Construction Surplus and Maintenance Fund for the Borden Drain as presented.

ADOPTED: Yeas - 2  
Nays - 0

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

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 Borden Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of June, 2018, 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 Borden Drain Drainage District.

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

Dated: July 23, 2018

**OAKLAND COUNTY  
WATER RESOURCES COMMISSIONER**

**MEMORANDUM**

**TO:** Jim Nash, Chairman – Borden Drain Drainage Board

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

**SUBJECT:** Borden Drain Maintenance Cleanout

**DATE:** February 23, 2021

Flooding complaints from a subdivision in Rochester Hills prompted investigation by the City of Rochester Hills Engineering Department. The investigation determined the Borden Drain and the Sprague Drain have sediment buildup necessitating sediment removal and disposal. WRC staff determined a scope of work and solicited a price from Trojan Development Company, Inc. The scope of work involves excavating sediment to return to the drain to its original depth and width, disposal of sediment at a local landfill, and restoration of grass and ditch along the roadway.

**Recommendation: Authorize Trojan Development Services to remove and dispose of sediment in the Borden Drain per their existing as-needed services contract for an amount not to exceed \$52,189.17.**





Location- Intersection of South Boulevard and Coolidge Highway. Troy/Rochester Hills  
 Borden Drain – North of South Boulevard  
 Sprague Drain – South of South Boulevard

# Trojan Development Company, Inc.

2260 Metamora Rd., Oxford , MI 48371

P.O.Box 534

General Contractors

2/8/2021

## Pine Trace/Somerset Pines Drainage Work

Sprague branch & extension drain, Borden Drain improvements

Rochester Hills and Troy

Attn: Geoffrey Wilson

E-mail: wilsong@oakgov.com

Re: Quotation

### Request for Proposal #1 - Clean out sediment and haul to Landfill

Work Description:						
The following is an estimate cost for sediment removal for 1900 lf of Sprague Drain in Troy and Rochester Hills. It is our intent to use our 325L cat long arm excavator loading directly into our semi with trailer and haul to Eagle Valley land fill. We plan to cut a flat bottom 6 to 8 feet wide and 6" below drain bottom grade. The disposal cost are estimated, we do not have a profile of the material.						
<b>Sprague drain parallel with Coolidge Road</b>				Operating/unit/ installation cost	Hourly Rental/labor rates	Totals
Divided this drain into 4 zones approximately 300 feet long, running N to S Parallel to Coolidge						
Zone 1- STA 0 to STA 300, average cut 10" (300x6x0.83)/27 (1.1%)=	60.87	cy		Approximate cost for disposal at eagle Valley land fill convert cyds to tons 1.55 - 257cy x 1.55= 398 398 tons x 23.00/ton = \$9,150.00		
Zone 2- STA 300 to STA 600, average cut 11" (300x6x0.92)/27 (1.1%)=	67.47	cy				
Zone 1- STA 600 to STA 900, average cut 12" (300x6x1.0)/27 (1.1%)=	73.33	cy				
Zone 1- STA 900 to STA 1175, average cut 9" (300x6x0.75)/27 (1.1%)=	55	cy				
<b>Total cubic yards</b>	<b>257</b>	<b>cy</b>				
Foreman @ \$61.19/hr	32	hr			\$ 61.19	\$ 1,958.08
Operator @ \$51.65/hr	36	hr			\$ 51.65	\$ 1,859.40
Truck Driver @ \$37.10/hr	40	hr			\$ 37.10	\$ 1,484.00
Laborer @ \$35.95/hr	72	hr			\$ 35.95	\$ 2,588.40
Peterbilt 357 - 450hp	40	hr	\$ 47.86		\$ 31.30	\$ 3,166.40
Rear dump Trailer	40	hr	\$ 4.41		\$ 9.86	\$ 570.80
Cat 325L Long arm excavator	36	hr	\$ 61.07		\$ 94.25	\$ 5,591.52
Misc. equip. and materials (winter work , liners for rear dump)	1	ls	\$ 896.00		\$ -	\$ 896.00
Mobilize and demobilize 50%	1	ls	\$ 850.00			\$ 850.00
TAK TL12 Track Skidster	8	hr	\$ 18.23		\$ 32.30	\$ 404.24
Remediation cost for the spring \$2,500.00/2					\$ -	\$ 1,250.00
Wood mats if required 16'x 4'x 8" @\$3.00/day each	10	day	20.00		\$ 3.00	\$ 600.00
<b>Equipment and labor Total</b>						<b>\$ 21,218.84</b>
<b>Disposal cost</b>						<b>\$ 9,150.17</b>
<b>Total</b>						<b>\$ 30,369.01</b>
<b>Sprague drain parallel with South BLVD</b>				Operating/unit/ installation cost	Hourly Rental/labor rates	Totals
Divided this drain into 3 zones approximately 200 feet long, each running E to W Parallel to South BLVD						
Zone 5 - STA1300 to STA 1500, average cut 20" (200x13.5x1.68)/27 (1.1%)=	184.8	cy		Approximate cost for disposal at eagle Valley land fill convert cyds to tons 1.55 - 487cy x 1.55= 754.85 tn 754.85 tons x \$23.00/ton = \$17,361.55		
Zone 6 - STA 1500 to STA 1700, average cut 18" (200x13.5x 1.5)/27 (1.1%)=	156.2	cy				
Zone 7 - STA 1700 to STA 1900, average cut 16" (200x13.5x1.33)/27 (1.1%)=	146.3	cy				
<b>Total cubic yards</b>	<b>487</b>	<b>cy</b>				
Foreman @ \$61.19/hr	40	hr			\$ 61.19	\$ 2,447.60
Operator @ \$51.65/hr	46	hr			\$ 51.65	\$ 2,375.90
Truck Driver @ \$37.10/hr	52	hr			\$ 37.10	\$ 1,929.20
Laborer @ \$35.95/hr	88	hr			\$ 35.95	\$ 3,163.60
Peterbilt 357 - 450hp	52	hr	\$ 47.86		\$ 31.30	\$ 4,116.32
Rear dump Trailer	52	hr	\$ 4.41		\$ 9.86	\$ 742.04
Cat 325L Long arm excavator	46	hr	\$ 61.07		\$ 94.25	\$ 7,144.72
Misc. equip. and materials (winter work , liners for rear dump)	1	ls	\$ 1,455.00		\$ -	\$ 1,455.00
Mobilize and demobilize 50%	1	ls	\$ 850.00			\$ 850.00
GMC Truck 3/4 ton	32	hr	\$ 17.15		\$ 10.20	\$ 875.20
Fence work	1	ls	\$ 525.00			\$ 525.00
Traffic control	1	ls	\$ 1,150.00		\$ -	\$ 1,150.00
TAK TL12 Track Skidster	8	hr	\$ 18.23		\$ 32.30	\$ 404.24
Remediation cost for the spring \$2,500.00/2					\$ -	\$ 1,250.00
Wood mats if required 16'x 4'x 8" @\$3.00/day each	10	day	20.00		\$ 3.00	\$ 600.00
<b>Equipment and labor Total</b>						<b>\$ 29,028.82</b>
<b>Disposal cost</b>						<b>\$ 17,361.55</b>
<b>Total</b>						<b>\$ 46,390.37</b>
				<b>Coolidge Rd &amp; South BLVD Subtotal</b>		<b>\$ 76,759.38</b>
				<b>12.5% Markup</b>		<b>\$ 9,594.92</b>
				<b>Total cost to complete</b>		<b>\$ 86,354.30</b>

## **8. Edwards Relief Drain**

## **AGENDA**

### **DRAINAGE BOARD FOR EDWARDS RELIEF DRAIN**

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of January 26, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$3,597.73
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

January 26, 2021

A meeting of the Drainage Board for the Edwards Relief Drain was held at 2:00 p.m. on the 26<sup>th</sup> of January, 2021. The meeting was conducted electronically via GoToMeeting in accordance with PA 267 of 1976, as amended, 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.

David Woodward, Chairperson of the Oakland County Board of Commissioners, participating from Royal Oak, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

Minutes of the meeting held October 27, 2020 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 Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$6,903.81(as attached) was presented. It was moved by Markham, supported by Woodward, to approve payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$6,903.81.

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.

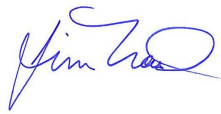


\_\_\_\_\_  
Jim Nash, Chairperson

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 Edwards Relief Drain, Oakland County, Michigan, held on the 26<sup>th</sup> day of January, 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 Edwards Relief Drain Drainage District.



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Jim Nash, Chairperson

Dated: February   2  , 2021

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

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



**DATE:** February 23, 2021

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

<u>Paid To</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
Hubbell, Roth & Clark, Inc	TBP	Invoice # 0184830 - Contracted Services - Period Ending 12/31/20 Proj # 1-2680	\$ 3,597.73
		<b>Total Proj # 1-2680</b>	<b>\$ 3,597.73</b>

## **9. McCulloch Drain**



## **AGENDA**

### **DRAINAGE BOARD FOR THE MCCULLOCH DRAIN**

February 23, 2021

1. Call meeting to order
2. Approve minutes of meeting of February 25, 2020
3. Public Comments
4. Present request for Board approval of payment of invoices in the amount of \$793
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

February 25, 2020

A meeting of the Drainage Board for the McCulloch Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 11:30 a.m. on the 25<sup>th</sup> day of February, 2020.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Helaine Zack, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held June 30, 2016 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.

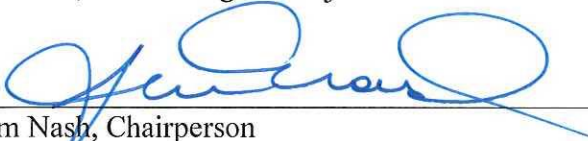
A Memorandum from Geoff Wilson, P.E., Drain Maintenance Engineer, dated February 25, 2020 recommending the Board authorize Fishbeck to proceed with as-needed engineering services for an amount not to exceed \$52,100 was presented. It was moved by Markham, supported by Nash, to authorize Fishbeck to proceed with as-needed engineering services for an amount not to exceed \$52,100 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


There being no further business, the meeting was adjourned.

  
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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 of the McCulloch Drain, Oakland County, Michigan, held on the 25<sup>th</sup> day of February, 2020, 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 McCulloch Drain Drainage District.

  
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Jim Nash, Chairperson

Dated: March   9  , 2020

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

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



**DATE:** February 23, 2021

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

Date	Ref No.	Paid To	For	Amount
1/31/2021	V # 1503354	Fishbeck	Invoice # 394236 - Engineering Services - 08/07/20	\$ 427.00
1/31/2021	V # 1503351	Fishbeck	Invoice # 398160 - Engineering Services - 01/22/21	366.00
<b>Total</b>				<b>\$ 793.00</b>