

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Acacia Park CSO Drain
2. Birmingham CSO Drain
3. Bloomfield Village CSO Drain
4. Clinton River Water Resource Recovery Facility
5. George W. Kuhn Drain
6. Evergreen-Farmington Sanitary Drain
7. Pontiac Clinton River No. 1 Drain
8. Caddell Drain
9. Augusta Drain
10. Luz Relief Drains
11. Cranberry Lake Drain
12. Kelly Drain
13. M-15 Drain
14. NW Oakland Drain
15. Rufe Collier Drain
16. 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, JUNE 24, 2025**, 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 MEL TODD AT TODDM@OAKGOV.COM. PERSONS WITH DISABILITIES WHO NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT MEL TODD AT TODDM@OAKGOV.COM.

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

Posted by: June 20, 2025

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Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, June 24, 2025

1. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
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 \$57,939.00
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**

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by Acting Chairperson Anne Vaara.

PRESENT: Anne Vaara, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Vaara, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara 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 \$30,927.70 (as attached) was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$30,927.70.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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: June 24, 2025

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 June 15, 2025

G/L Date	Ref No.	Paid To	For	Amount
	V # SIN00345374	ICS Integration Services LLC	Invoice # 3253 - Contracted Services - Proj 1-3465	\$ 804.00
			Project # 1-3465 Total	\$ 804.00
	V # SIN00345374	ICS Integration Services LLC	Invoice # 3253 - Contracted Services - Proj 1-3466	\$ 804.00
			Project # 1-3466 Total	\$ 804.00
	V # SIN00342300	Pipeline Management Company	Invoice # 24-02185 - Contracted Services - Proj 1-7394	\$ 42,361.00
			Project # 1-7394 Total	\$ 42,361.00
	V # SIN00345384	Systems Specialities	Invoice # 64560 - Material and Supplies - Proj 1-7794	\$ 13,300.00
	V # SIN00345502	ICS Integration Services LLC	Invoice # 3255 - Material and Supplies Proj 1-7794	670.00
			Project # 1-7794 total	\$ 13,970.00
			Grand Total	\$ 57,939.00

2. Birmingham CSO

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
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 \$30,167.00
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Vaara, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara 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 \$80,011.21 (as attached) was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$80,011.21.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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: June 24, 2025

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 June 15, 2025

G/L Date	Ref No.	Paid To	For	Amount
	V # SINV00343655	CSM Mechancial LLC	Invoice # 5134 - Contracted Services - Proj 1-7649	\$ 16,197.00
			Project # 1-7649 Total	\$ 16,197.00
	V # SINV00345384	Systems Specialities	Invoice # 64560 - Material and Supplies - Proj 1-7795	\$ 13,300.00
	V # SINV00345502	ICS Integration Services LLC	Invoice # 3255 - Material and Supplies Proj 1-7795	670.00
			Project # 1-7795 Total	\$ 13,970.00
			Grand Total	\$ 30,167.00

3. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
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 \$56,953.25
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Vaara, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara 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 \$47,632.58 (as attached) was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$47,632.58.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Varra, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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

HP for Shawn Phelps

DATE: June 24, 2025

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 June 15, 2025

G/L Date	Ref No.	Paid To	For	Amount
	V # SINV00344633	Hubbell Roth & Clark Inc	Invoice # 0227222 - Contracted Services - 03/29/25 - Proj 1-7872	\$ 3,165.07
			Project # 1-7872 Total	\$ 3,165.07
	V # SINV00345286	ICS Integration Services LLC	Invoice # 3254 - Contracted Services - Proj 1-7796	\$ 6,418.52
	TBP	ICS Integration Services LLC	Invoice # 3273 - Contracted Services - Proj 1-7796	23,008.91
	TBP	CSM Mechanical	Invoice # 5209 - Contracted Services - Proj 1-7796	6,353.75
	TBP	Detroit Pump	Invoice # CD99204763 - Material and Supplies - Proj 1-7796	18,007.00
			Project # 1-7796 Total	\$ 53,788.18
			Grand Total	\$ 56,953.25

4. Clinton River Water Resource Recovery Facility

AGENDA
DRAINAGE BOARD FOR
THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
3. Public Comments
4. Present Construction Estimate No. 5 for Clark Construction Company for Construction of the Optimization Phase II Project in the amount of \$546,399.00 with a transfer to the Oakland County Treasurer in the amount of \$60,711.00
5. Present Construction Estimate No. 11 for Clark Construction Company for Construction of the Optimization Phase I Project in the amount of \$785,949.80 with a transfer to the Oakland County Treasurer in the amount of \$87,327.76
6. 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 \$584,349.58
7. 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 \$144,573.19
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**

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson Anne Varra.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Varra, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

Change Order No. 1 for Clark Construction Company for Construction of the Optimization Phase II Project for a net increase in the amount of \$19,109.00 was presented. It was moved by Markham, supported by Varra, to approve Change Order No. 1 for Clark Construction Company for Construction of the Optimization Phase II Project for a net increase in the amount of \$19,109.00 as presented.

ADOPTED: Yeas - 2
Nays - 0

Change Order No. 9 for Clark Construction Company for Construction of the Optimization Phase I Project for a net increase in the amount of \$6,914.00 was presented. It was moved by Markham, supported by Varra, to approve Change Order No. 1 for Clark Construction Company for Construction of the Optimization Phase I Project for a net increase in the amount of \$6,914.00 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 10 for Clark Construction Company for Construction of the Optimization Phase I Project in the amount of \$922,880.29 with a transfer to the Oakland County Treasurer in the amount of \$102,542.25 was presented. It was moved by Markham, supported by Varra, to approve Construction Estimate No. 10 for Clark Construction Company for Construction of the Optimization Phase I Project in the amount of \$922,880.29 with a transfer to the Oakland County Treasurer in the amount of \$102,542.25 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 4 for Clark Construction Company for Construction of the Optimization Phase II Project in the amount of \$665,290.80 with a transfer to the Oakland County Treasurer in the amount of \$73,921.20 was presented. It was moved by Markham, supported by Varra, to approve Construction Estimate No. 4 for Clark Construction Company for Construction of the Optimization Phase II Project in the amount of \$665,290.80 with a transfer to the Oakland County Treasurer in the amount of \$73,921.20 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 \$152,013.07 (as attached) was presented. It was moved by Markham, supported by Varra, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$152,013.07 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 Construction Fund in the amount of \$1,217,859.51 (as attached) was presented. It was moved by Markham, supported by Varra, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$1,217,859.51 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

A handwritten signature in blue ink, appearing to read 'Anne Vaara', positioned above a horizontal line.

Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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

Construction Estimate No. 5

Estimate Period: May 1, 2025 to May 31, 2025

PO No. PO 00076494

Department No. : 6010101

Account No. : 731472

Fund No. : 84686

Program No. : 149015

Project No. : PRJ-17720

Activity : FAC

Vendor No. : 40855

Contractor :

Contract No. : CON00011282

Clark Construction Company

Notice to Proceed : 10/28/2024

2660 Superior Court

Substantial Completion Date : 10/28/2027

Auburn Hills, MI 48326

Final Completion Date : 01/26/2028

Original Contract Amount:

\$35,893,916.00

Previous Change Order Numbers (none):

\$0.00

Change Orders This Estimate Numbers (none):

\$0.00

Total Net Change Orders:

\$0.00

Adjusted Contract Amount:

\$35,893,916.00

Subtotal To Date: (Sheet 2 of 2 Column 7)

\$1,985,335.00

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

\$0.00

Gross Estimate: (Work in Place)

5.53%

\$1,985,335.00

Less Amount Reserved: (10% of Gross Estimate)

\$198,533.50

Total Amount Allowed To Date:

\$1,786,801.50

Less Previous Estimates:

\$1,240,402.50

Net Payment Request To Be Paid To Contractor:

\$546,399.00 ✓

Reserve Payment to Contractor

\$0.00

Balance of Contract To Date

\$33,908,581.00 ✓

Accounting Auditor: *KS* 6/04/25

Less Previous Transfers To Reserve:

\$137,822.50

Amount of Current Transfer:

\$60,711.00 ✓

Prepared by:

Razik Alsaigh
Razik Alsaigh, P.E. - Project Engineer

Date:

06/04/2025

Recommended by:

Allen Gilderson
Jacobs Consulting Inc - Consulting Engineer

Date:

6/4/2025

Approved by:

Joel Brown
Joel Brown, P.E. - Chief Engineer

Date:

6/13/2025

Approved by:

Gary Nigro
Gary Nigro, P.E. - Manager

Date:

6/18/2025

Approved by Board on:

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. 11

Period: May 1, 2025 to May 31, 2025

PO No. PO 00043820

Department No. : 6010101

Account No. : 731472

Fund No. : 84686

Program No. : 149015

Project No. : PRJ-17461

Activity : FAC

Vendor No. : 40855

Contract No. : CON00010566

Contractor :

Clark Construction Company

Notice to Proceed : 11/17/2023

2660 Superior Court

Substantial Completion Date : 11/16/2026

Auburn Hills, MI 48326

Final Completion Date : 01/30/2027

Original Contract Amount:

\$30,550,434.00

Previous Change Order Numbers (1 through 8):

\$371,537.00

Change Orders This Estimate Numbers (none):

\$0.00

Total Net Change Orders:

\$371,537.00

Adjusted Contract Amount:

\$30,921,971.00

Subtotal To Date: (Sheet 2 of 2 Column 7)

\$13,409,994.97

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

\$0.00

Gross Estimate: (Work in Place)

43.37%

\$13,409,994.97

Less Amount Reserved: (10% of Gross Estimate)

\$1,340,999.50

Total Amount Allowed To Date:

\$12,068,995.47

Less Previous Estimates:

\$11,283,045.67

Net Payment Request To Be Paid To Contractor:

\$785,949.80 ✓

Reserve Payment to Contractor

\$0.00

Balance of Contract To Date

\$17,511,976.03 ✓

Accounting Auditor: *KS* 06/04/25

Less Previous Transfers To Reserve:

\$1,253,671.74

Amount of Current Transfer:

\$87,327.76 ✓

Prepared by:

Razik
Razik Alsaigh, P.E. - Project Engineer

Date: *06/04/2025*

Recommended by:

Allen
Jacobs Consultants, Inc. - Consulting Engineer

Date: *6/4/2025*

Approved by:

Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by:

Gary Nigro, P.E. - Manager

Date: _____

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

H for Shawn Phelps

DATE: June 24, 2025

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
Ecolab Inc/ Nalco	Jun 2025	Pcard - Materials and Supplies	\$ 1,264.22
Home Depot	Jun 2025	Pcard - Materials and Supplies	1,186.04
USA Blue Book	May 2025	Pcard - Lab Supplies # INV00721125	1,647.04
USA Blue Book	Jun 2025	Pcard - Lab Supplies # INV00732905	2,701.60
Hutchison - Galloup Forberg Smith	May 2025	Pcard - Contracted Services #S115560976	2,236.00
Applied Science Inc	V # SINV00347723	Invoice # 9177 - Contracted Services	125.44
Brantley Development LLC	V # SINV00342792	Invoice # WWTPP25004 - Contracted Services	1,075.00
Brantley Development LLC	V # SINV00342792	Invoice # WWTPP25005 - Contracted Services	1,075.00
Brantley Development LLC	TBP	Invoice # WWTPP25006- Contracted Services	1,075.00
Cambi Inc	V # SINV00347324	Invoice # 609810-SP-058 - Material and Supplies	2,536.42
D3W Industries	V # SINV00347325	Invoice # 5241 - Material and Supplies	5,720.00
D. J. Conley Associates, Inc	V # SINV00346551	Invoice # SI-55258-1 - Material and Supplies	3,189.75
Haviland Products Company	V # SINV00344361	Invoice # 539540 - Chemical Treatment	7,456.60
Haviland Products Company	V # SINV00343149	Invoice # 539362 - Chemical Treatment	11,525.00
Haviland Products Company	V # SINV00342794	Invoice # 539361 - Chemical Treatment	2,220.00
Haviland Products Company	V # SINV00343146	Invoice # 539063 - Chemical Treatment	3,073.00
Haviland Products Company	TBP	Invoice # 541368 - Chemical Treatment	2,220.00
LaSalle Agri Inc	V # SINV00345276	Invoice # 2893- Land Application	25,408.32
PVS Technologies Inc	V # SINV00343150	Invoice # 378349 - Chemical Treatment	2,923.80
PVS Technologies Inc	V # SINV00344362	Invoice # 378928- Chemical Treatment	5,496.48
PVS Technologies Inc	TBP	Invoice # 379720 - Chemical Treatment	3,138.96
Polydyne Inc	V # SINV00347111	Invoice # 1904142 - Chemical Treatment	39,858.00
Polydyne Inc	V # SINV00342801	Invoice # 1929895 - Chemical Treatment	38,532.00
Polydyne Inc	V # SINV00347116	Invoice # 1933199 - Chemical Treatment	40,560.00
Saber Building Services Inc	V # SINV00344367	Invoice # 47209 - Contracted Services - Jun 2025	1,800.00
Superior Environmental Solutions LLC	V # SINV00347085	Invoice # G27793 - Contracted Services	35,679.70
Waste Management	TBP	Invoice # 8873032-1714-5 - Garbage & Rubbish Disposal	1,203.24
Waste Management	TBP	Invoice # 0039657-2336-8 Garbage & Rubbish Disposal	9,604.85
Waterworks Systems & Equipment Inc	V # SINV00347327	Invoice # 10519 - Material and Supplies	6,375.00
		Subtotal	\$ 260,906.46
Tetra Tech of Michigan PC	V # SINV00345890	Invoice # 52431474 - Contracted Services - Proj # 1-7549	\$ 1,328.77
		Subtotal - Project 1-7549	\$ 1,328.77
Cambi Inc	V # SINV00345268	Invoice # 609810-SP-56 - Material and Supplies - Proj # 1-3470	\$ 7,446.18
Hamlett Environmental Technologies Co	V # SINV00346773	Invoice # 2025111 - Maintenance Supplies - Proj # 1-3470	19,882.00
Great Lakes Pump & Supply Co	V # SINV00345272	Invoice # 79824 - Material and Supplies - Proj # 1-3470	2,898.97
		Subtotal - Project 1-3470	\$ 30,227.15
Allied Building Services Co of Detroit	V # SINV00345266	Invoice # 00368130 - Contracted Services - Proj # 1-7127	\$ 101,532.00
		Subtotal - Project 1-7127	\$ 101,532.00
IDN Global Inc	V # SINV00345273	Invoice # 10739637-00 - Material and Supplies - Proj # 1-3451	\$ 2,165.20
		Subtotal - Project 1-3451	\$ 2,165.20
Kennedy Industries Inc	V # SINV00342294	Invoice # 646550 - Material and Supplies - Proj # 1-3492	\$ 1,592.00
		Subtotal - Project 1-3492	\$ 1,592.00
Commerce Controls Inc	V # SINV00346772	Invoice # 62940 - Project Construction - Proj # 1-7571	\$ 186,598.00

Subtotal - Project 1-7571 \$ 186,598.00

Grand Total \$ 584,349.58

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the JOSEPH JONES DRAIN (CONSTRUCTION FUND)

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

DATE: June 24, 2025

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 18, 2025.

Ref No.	Paid To	For	Amount
TBP	Geosyntec Consultants	Invoice # 629278 - Contracted Services - 05/18/25 - PRJ-17604	\$14,440.60
		TOTAL Project 1-7604	\$14,440.60

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

Shawn Phelps

DATE: June 24, 2025

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

	Ref No.	For	Amount
Neyer Tiseo & Hindo Ltd	V # SINV00345888	Invoice # 639199 - Engineering Adm - Proj #1-2181	1,138.00
		Total for Project # 1-2181	\$ 1,138.00
Jacobs Consultant, Inc	V # SINV00345885	Invoice # C6A21702-16 - Engineering and Survey - 05/25/25 - Proj # 1-7720	\$ 69,150.28
PMA Consultants	V # SINV00346126	Invoice # 04582.00-2.034 - Monitoring Service	3,349.78
		Total for Project # 1-7720	\$ 72,500.06
Jacobs Consultant, Inc	V # SINV00346774	Invoice # C6A21700-29 - Engineering and Survey - 04/25/25 - Proj # 1-7461	\$ 70,935.13
		Total for Project # 1-7461	\$ 70,935.13
		Total	\$ 144,573.19

5. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
3. Public Comments
4. Present Memorandum from Lesli Maes, P.E., Operations Engineer, dated June 24, 2025, requesting the Board approve authorization for staff to issue a notice to proceed to Hubbell, Roth & Clark, Inc. for the not-to-exceed amount of \$56,390 as proposed
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$256,825.28
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**

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Varra, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

A memorandum from Sara Rubino, Drainage District Legal Counsel, dated May 27, 2025, requesting the Board approve the contract with Compass Strategies for a 6-month engagement at a cost of \$38,400 and authorize the Acting Chairperson to execute the contract was presented. It was moved by Markham, supported by Varra, to approve the contract with Compass Strategies for a 6-month engagement at a cost of \$38,400 and authorize the Acting Chairperson to execute the contract as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Carrie Ricker Cox, WRC Special Projects Manager, dated May 27, 2025, requesting the Board approve the GLWA Non-Disclosure Agreement and Legal Disclaimer for Release of the Model. It was moved by Markham, supported by Varra, to approve the GLWA Non-Disclosure Agreement and Legal Disclaimer for Release of the Model as presented.

ADOPTED: Yeas - 2
Nays - 0

Present Construction Estimate No. 11 for Rolls Mechanical for Construction of the HomeGuard Program in the amount of \$40,820.51 was presented. It was moved by Markham, supported by Varra, to approve Construction Estimate No. 11 for Rolls Mechanical for Construction of the HomeGuard Program in the amount of \$40,820.51 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 \$16,715.69 (as attached) was presented. It was moved by Markham, supported by Varra, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$16,715.69 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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

TO: Jim Nash, Chairperson of the George W. Kuhn Drain Drainage Board

FROM: Lesli Maes, P.E., Operations Engineer

SUBJECT: Retention Treatment Facility Engineering Proposal

DATE: June 24, 2025

The George W. Kuhn Retention Treatment Facility is anticipating the issuance of the revised National Pollutant Discharge Elimination System discharge permit from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). Based on the draft permit and discussions with EGLE representatives, the permit will include new requirements including a feasibility study to assess how best to address future total residual chlorine limitations. The engineering firm Hubbell, Roth & Clark, Inc. (HRC) has provided the attached proposal to assist in preparing for the Feasibility Study and an updated operating plan. The scope of the proposal includes,

1. Planning and design of intermediate sampling points at the facility to collect additional data useful for the study.
2. Assist with the development of a Request for Proposal for professional services to complete the Feasibility Study.
3. Update the Facilities and Sewerage System Operation Plan in accordance with the revised permit requirements.

Staff recommends authorizing HRC to proceed with the scope of work as proposed to proactively address the anticipated permit requirements.

Requested Action: Authorize staff to issue a notice to proceed to Hubbell, Roth & Clark, Inc. for the not-to-exceed amount of \$56,390 as proposed.



June 11, 2025

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

Attn: Ms. Lesli Maes, P.E., Operations Engineer

Re: GWK NPDES Permit
Proposal for Professional Engineering Services

HRC Job No. 20250165

Dear Ms. Maes:

As requested, Hubbell, Roth & Clark, Inc. (HRC) is pleased to provide this proposal to assist your Office with the various requirements of the NPDES Permit for the George W. Kuhn Drain Drainage District (draft Permit No. MI0026115 attached). Specifically, the work is associated with Items included in Part I, Section A of the permit as follows:

- Item 3. Feasibility Study for Total Residual Chlorine (TRC) Final Effluent Limitations
- Item 4. Facilities and Sewerage System Operational Plan

The goal of this effort is to address Permit requirements surrounding “The water quality-based effluent limitation for TRC necessary to protect the receiving water against acute toxicity is 38 ug/l. In order to achieve compliance with water quality standards in Red Run Drain at and immediately below the point of discharge, the discharge concentrations of TRC must be reduced to achieve compliance with the water quality-based effluent limitation for TRC at Monitoring Point 001A.”

It is noted that at this time the permit has not been finalized, so a definitive scope of services is not available. As a result, HRC is proposing a scope of services based on the draft permit and our understanding of EGLE’s decisions made during the public comment period.

Feasibility Study – HRC will assist WRC in the completion of the Study. In summary, this task includes two (2) primary items of work:

1. Complete a Plan to prepare the facility to best meet the anticipated goals of the Feasibility Study. HRC would propose beginning this effort by completing a set of contract documents to install two (2) additional sampling points between the intermediate and final effluent weirs within the facility. Currently it is our understanding that sodium hypochlorite (NaOCl) is applied and controlled by flow at the intermediate weir. Gathering information relative to characterize chlorine/disinfection prior to the final effluent is anticipated to prove helpful for the Feasibility Study. It is proposed to complete the Contract Documents for fall bidding and winter construction utilizing WRC blanket contractors. We propose to prepare the Contract Documents using record drawings and previous topographical data. If needed or desired, surveying/scanning services could be included at an additional cost.
2. Assist WRC with a Request for Proposal (RFP)/Statement of Qualifications (SOQ) for professional services to complete the Feasibility Study. HRC will provide a narrative to scope and assist WRC in the development of RFP. Items to be considered should include examining existing facility infrastructure and performance; identification of additional control measure(s) needed to achieve compliance with the proposed 0.038 mg/l effluent limitation while considering technical, financial, and operational constraints. Potential analysis of alternative disinfection systems; modifications to the current NaOCl system; need for additional storage; exploration of various compliance monitoring locations; need for modeling/pilot facilities; etc. may all be incorporated. It is proposed to complete this effort by September 2025,

assuming a final NPDES permit is issued by this time to meet the Feasibility Study deadline that is identified in the draft permit.

Operational Plan – HRC will update/complete the Facilities and Sewerage System Operational Plan in accordance with Permit requirements “that the facility is operated to maximize treatment, convey all dry weather flows and the greatest quantity of wet weather flows to the treatment facilities for treatment, and minimize untreated wastewater discharges.” This effort includes gathering and reviewing existing information such as the Basis of Design, O&M Plans, Standard Operating Procedures (SOP), SCADA information, prior reports, and other available documents. Using these documents HRC will complete draft and final versions of an Operational Plan.

As identified in the Permit, the Plan shall include the following:

1. Procedures utilized at the facility to adjust NaOCl disinfectant feed rates to minimize the discharge of total residual chlorine (TRC) and meet the TRC requirements;
2. Procedures and schedule for sampling/monitoring the stored NaOCl disinfectant at the facility to determine the concentration of available chlorine and ensure that the stored NaOCl is of sufficient strength to provide effective disinfection;
3. Procedures for ensuring that the vendor's certified values for the available chlorine concentration of each load of NaOCl delivered to the facility are available for Department inspection/review;
4. Procedures to ensure that the collection and treatment systems are operated to maximize treatment;
5. Procedures to ensure that all dry weather flows are conveyed to the treatment facilities for treatment without bypass;
6. Hydraulic profile and hydraulic operational elevations for system pump stations, regulators, diversion devices, gates, level sensors, interceptors, etc. to ensure the conveyance of all dry weather flows to the treatment facilities for treatment without bypass;
7. Procedures to ensure that the sewerage system hydraulic and storage capacity is identified and fully utilized during wet weather events with eventual transport and treatment of stored flows;
8. Hydraulic profile and hydraulic operational elevations for system pump stations, regulators, diversion devices, gates, level sensors, interceptors, etc. to ensure that the greatest quantity of wet weather flow is conveyed to the treatment facilities for treatment to minimize combined sewage discharges;
9. Procedures to ensure that the greatest quantity of wet weather flow is conveyed to the treatment facilities for treatment to minimize untreated wastewater discharges within the region tributary to the facility;
10. Procedures to ensure the sewerage system is maintained at its optimum operational capability, including procedures for dewatering the CSO retention basin as soon as possible after use;
11. Procedures for ongoing inspection of the sewer system within the permittee's jurisdiction for excessive inflow and infiltration and, where necessary, reduction of the excessive infiltration and inflow sources and the elimination of unauthorized sewer system connections; and
12. Location of all rain gauges.

HRC shall complete the Plan to allow WRC compliance prior to the annual January 1 submittal deadline.

HRC proposes completing the work in accordance with our existing Engineering Services Agreement (Contract 006484). Attached is Table 1 showing the breakdown of our estimated hours and associated fees with each item of work. **The identified total of \$56,380 is a not-to-exceed limit, which would be invoiced monthly as the work proceeds.**


Thank you again for the opportunity to submit this proposal. We look forward to working with you on this project. Should you have any questions or require additional information, please feel free to contact our office at your convenience.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Daniel Mitchell, P.E.
President.



Sally Duffy, P.E.
Manager

pc: HRC; File

Accepted By:

Signature: _____

Written Name: _____

Title: _____

Dated: _____

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

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

DATE: June 24, 2025

SUBJECT: Request for Board approval of payment of the following invoice(s):

Payable To	Ref No.	For	Amount
ICS Integration Services LLC	TBP	Invoice # 3257 - Contracted Services - Proj #13409 Project #13409 Total	1,072.00 \$ 1,072.00
ICS Integration Services LLC	TBP	Invoice # 3256 - Contracted Services - Proj #13437 Project #13437 Total	14,290.51 \$ 14,290.51
Michigan Lawn Maintenance Inc	SINV00342606	Invoice # 110091 04/30/2025 - Contracted Services - Proj #13484	3,736.70
Michigan Lawn Maintenance Inc	SINV00345784	Invoice # 110121 05/31/2025 - Contracted Services - Proj #13484 Project #13484 Total	3,736.70 \$ 7,473.40
Orchard Hiltz and McCliment Inc (OHM)	SINV00347167	Invoice# 89007 - Contracted Services - Proj #17301 Project #17301 Total	2,146.00 \$ 2,146.00
Tetra Tech Inc	TBP	Invoice # 52419042 - Contracted Services - Proj #17398 Project #17398 Total	741.50 \$ 741.50
Tetra Tech Inc	SINV00346086	Invoice # 52433813 - Contracted Services - Proj #17541 Project #17541 Total	1,260.00 \$ 1,260.00
NTH Consultants, Ltd.	SINV00346184	Invoice# 639209 - Contracted Services - Proj #17664 Project #17664 Total	271.75 \$ 271.75
VEGA Americas Inc	SINV00344699	Invoice# 643325 - Material and Supplies - Proj #17854 Project #17854 Total	6,531.26 \$ 6,531.26
Royal Roofing Co Inc	SINV00342589	Invoice# 128835 - Contracted Services - Proj #17855 Project #17855 Total	106,900.00 \$ 106,900.00
Kennedy Industries Inc	SINV00345883	Invoice# 646770 - Material and Supplies - Proj #17860 Project #17860 Total	\$ 4,123.00 \$ 4,123.00
NTH Consultants, Ltd.	SINV00346079	Invoice# 639254 - Contracted Services - Proj #17884 Project #17884 Total	17,585.50 \$ 17,585.50
Applied Science Inc	SINV00347723	Invoice# 9177 - Contracted Services	\$ 627.18
Dickinson Wright PLLC	SINV00345800	Invoice # 2037254 - Legal Services - 04/30/25	\$ 9,648.00
Dickinson Wright PLLC	SINV00346170	Invoice # 2037239 - Legal Services - 04/30/25	\$ 3,287.61
Dickinson Wright PLLC	SINV00346172	Invoice # 2037240 - Legal Services - 04/30/25	\$ 3,604.40
Dickinson Wright PLLC	SINV00346174	Invoice # 2037246 - Legal Services - 04/30/25	\$ 5,697.07
Dickinson Wright PLLC	TBP	Invoice # 2046010 - Legal Services - 05/31/25	\$ 3,742.42
Dickinson Wright PLLC	TBP	Invoice # 2046019 - Legal Services - 05/31/25	\$ 42.00
Dickinson Wright PLLC	TBP	Invoice # 2046006 - Legal Services - 05/31/25	\$ 6,763.27
Dickinson Wright PLLC	TBP	Invoice # 2046011 - Legal Services - 05/31/25	\$ 6,587.60
Dickinson Wright PLLC	TBP	Invoice # 2046016 - Legal Services - 05/31/25	\$ 8,739.20
Dickinson Wright PLLC	TBP	Invoice # 2046014 - Legal Services - 05/31/25	\$ 3,413.61
ICS Integration Services LLC	TBP	Invoice # 3259 - Contracted Services	\$ 2,278.00
Public Sector Consultants Inc	TBP	Invoice # INV6686 - Professional Services - February-March 2025	\$ 23,771.70
Public Sector Consultants Inc	TBP	Invoice # INV6719 - Professional Services - 04/30/25	\$ 6,228.30
Public Sector Consultants Inc	TBP	Invoice # INV6765 - Professional Services - 05/31/25	\$ 10,000.00
Subtotal			\$ 94,430.36
Grand Total			\$ 256,825.28

6. Evergreen-Farmington Sanitary Drain

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
3. Public Comments
4. Present memorandum from Scott Schultz, Project Engineer, dated June 24, 2025, requesting the Board approve a budget increase of \$44,800 for DLZ construction inspection services on the I-696 Pump Station Rehabilitation Project.
5. Present memorandum from Scott Schultz, Project Engineer, dated June 24, 2025, requesting the Board approve the Change Order in the not-to-exceed amount of \$101,343.75.
6. Present Construction Estimate No. 39 for Walsh Construction for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,239,414.40
7. Present Construction Estimate No. 5 for Lawrence M. Clarke, Inc. for Construction of the I-696 Pump Station Rehabilitation in the amount of \$281,700.00
8. Present Construction Estimate No. 7 for SAK Construction for Design and Construction of the Southfield Sewer Lining Project in the amount of \$24,960.17 with a transfer to the Oakland County Treasurer in the amount of \$2,773.35
9. Present request for Board approval of payment of invoices from the Evergreen Farmington Sanitary Drain from the Maintenance Fund in the amount of \$214,121.33
10. Present request for Board approval of payment of invoices from the Evergreen Farmington Sanitary Drain from the Construction Fund in the amount of \$8,247.58
11. Other business
12. Approve pro rata payment to Drainage Board members
13. Adjourn

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

May 27, 2025

A meeting of the Drainage Board for the Evergreen-Farmington Sanitary Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 27th day of May 2025.

The meeting was called to order by Acting Chairperson Anne Vaara.

PRESENT: Anne Vaara, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Vaara, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

Construction Estimate No. 38 for Walsh Construction for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,103,769.81 was presented. It was moved by Markham, supported by Vaara, to approve Construction Estimate No. 38 for Walsh Construction for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,103,769.81 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 4 for Lawrence M. Clarke, Inc. for Construction of the I-696 Pump Station Rehabilitation in the amount of \$446,258.24 with a transfer to the Oakland County Treasurer in the amount of \$48,473.42 was presented. It was moved by Markham, supported by Vaara, to approve Construction Estimate No. 4 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 6 for SAK Construction for Design and Construction of the Southfield Sewer Lining Project in the amount of \$77,484.65 with a transfer to the

Oakland County Treasurer in the amount of \$8,609.41 was presented. It was moved by Markham, supported by Vaara, to approve Construction Estimate No. 6 as presented.

ADOPTED: Yeas - 2
Nays - 0

A request for approval of payment of invoices from the Evergreen-Farmington Sanitary Drain Maintenance Fund in the amount of \$81,736.14 was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices from the Evergreen-Farmington Sanitary Drain Maintenance Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

A request for approval of payment of invoices from the Evergreen-Farmington Sanitary Drain Construction Fund in the amount of \$248,159.62 was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices from the Evergreen-Farmington Sanitary Drain Construction Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 Evergreen-Farmington Sanitary Drain, Oakland County, Michigan, held on the 27th day of May 2025, 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 Evergreen-Farmington Sanitary Drain Drainage District.

A handwritten signature in blue ink, appearing to read 'Anne Vaara', is written above a horizontal line.

Anne Vaara, Acting Chairperson

Dated: May 27, 2025

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

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

FROM: Scott Schultz, Project Engineer

SUBJECT: Construction Inspection Services for the I-696 Pump Station Rehabilitation Project

DATE: June 24, 2025

OCWRC is in need of additional construction inspection services on the I-696 Pump Station Rehabilitation Project due to the lack of in-house availability of inspectors. DLZ has offered their inspection services to aid this project.

A more detailed breakdown of DLZ's scope and expenses are shown in the attached Engineering Work Order. DLZ is requesting an additional \$44,800 for the construction inspection services. DLZ will bill OCWRC on a time and material basis in accordance with the contract standard fee and schedule.

Requested Action: Approve a budget increase of \$44,800 for DLZ construction inspection services on the I-696 Pump Station Rehabilitation Project.

**Jim Nash Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For the I-696 Pump Station Rehab Project
Farmington Hills, Michigan**

Engineering Work Order No. D-486(3)

Date: 6/12/2025

To: DLZ Michigan, INC.

For: EFSDDD I-696 Sanitary Pump Station Rehabilitation – Inspection Services

DESCRIPTION

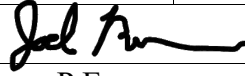
This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the EFSDDD I-696 Sanitary Pump Station Rehabilitation Project that falls under section 3 of contract no. CON009173. This EWO serves as your approval for compensation of the following additional services as delineated in your attached proposal.

Additional Construction Engineering Services

The original scope did not include daily instruction inspection. As WRC does not have sufficient staffing to perform inspection on the project, DLZ will be providing this service.

Total Cost: \$44,800.00

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and rate schedule as modified by your proposal. The total amount of the as-needed contract is to be increased by a not to exceed amount of \$44,800.00. This increases the total allowed project amount under this contract to \$301,034.12. This amount is not to be exceeded without written authorization from this office.

RECOMMENDED	DATE: 6/12/25	ACCEPTED	DATE:
By:		By:	
Scott Schultz Project Engineer OCWRC		Manoj Sethi, P.E. President DLZ Michigan, Inc.	
APPROVED	DATE: 6/13/2025	APPROVED	DATE:
By:		By:	
Joel Brown, P.E. Chief Engineer OCWRC		Steve Korth, P.E. Chief Manager OCWRC	
Approved by the Drainage District Board on:			

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Department No.:	CCN6010101	Account No.:	SC730639
Fund No:	FND82410	Program No.:	PRG149667
Project No:	PRJ-17459	Project Activity:	ENGCON
Contract No:	CON009173	Contract Exp:	8/31/2026



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

May 5, 2025

Mr. Scott Schultz
Project Manager
Oakland County Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328

RE: Oakland County Water Resources Commissioner
I-696 Lift Station Replacement
Construction Inspection Budget Amendment
DLZ Job No.: 2045-7214-00

Dear Scott,

As we continue to complete our work on the I-696 Lift Station, additional effort will be expended in performing daily construction inspection for this project.

ADDITIONAL CONSTRUCTION ENGINEERING SERVICES

Our original construction scope of work from 2023 did not include daily construction inspection. During the contractor mobilization this spring, Oakland County WRC noted that they did not have sufficient staffing to cover the day-to-day needs for the I-696 Pump Station Project. DLZ has been able to supply an inspector to do this work. As agreed, we have used the existing budget to assess the rate of expenditure, and we feel confident now in finalizing a budget for this work.

SERVICES FEE

DLZ respectfully request additional engineering fees to cover this work. We have assessed the work to be completed, and developed the manhour breakdowns outlined below utilizing our current rate schedule.

Construction Engineering Services

To date (five weeks of construction), we have spent approximately \$17,000, leaving about \$17,000 remaining. Assuming a similar rate of involvement this will take us to roughly May 30th. The Contractor's schedule, including an unapproved time extension, proposes work until the end of July. This will likely result in an additional ten weeks of construction, and 400 hours.

ROLE IN PROJECT	TOTAL HOURS	HOURLY RATE (2025)	TOTAL
Construction Observer	400	\$112.00	\$44,800.00

If you approve and accept this Budget Amendment, please sign, date and return one copy of this for our records. Should you prefer to issue a Purchase Order as your official acceptance, we request that you reference this Proposal in your paperwork. DLZ appreciates the opportunity to submit this Budget Amendment and looks forward to continuing to work with you on this project. If for any reason you should have questions, please do not hesitate to call Mark Mattson, P.E. at (313) 961-4040.

Sincerely,



Manoj Sethi, PE
President

CC: M. Mattson, DLZ

Approved and Accepted

Signature _____

Printed Name _____

Title _____

Date _____

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

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

FROM: Scott Schultz, P.E. Civil Engineer II

SUBJECT: Additional Project Scope and Construction Phase Approval for the EFSDDD Southfield Sewer Lining Project

DATE: June 24, 2025

SAK Construction, LLC in partnership with AEW have been providing design-build services for the Oakland County Water Resources Commissioner for the EFSDDD Southfield Sewer Lining Project, which entails the lining of approximately 6,000 lineal feet of pipe. Final design documents have been received from SAK and have been reviewed by WRC staff and Fishbeck. These documents have been deemed satisfactory, and SAK is ready to continue with construction phase services.

There were 3 additions to the scope that were requested by OCWRC. These additions include an as-needed potholing program, increases to the size of the bypass pumps, and a permanent bypass structure across 10 Mile Road to facilitate bypass pumping for future lining projects. A detailed breakdown of the additional scope of work is detailed in the attached Change Order. SAK is requesting a not-to-exceed \$286,483.75 for the additional work. SAK will bill OCWRC on a time and material basis in accordance with the contract standard fee contained in their contract CON00011156. There was also an adjustment to the Schedule of Values resulting in a credit of \$185,140.00, making the total value of the change order \$101,343.75. This results in an adjusted contract value of \$7,488,804.75.

This Change Order also includes the addition of the Final Drawings, Schedule of Values, and Final Specifications to be added to the contract. This Change Order has been attached below.

Requested Action: Approve the attached Change Order in the not-to-exceed amount of \$101,343.75.

CHANGE ORDER

CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For Construction of the Southfield Sewer Lining Project
Southfield
Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101

Account No. : 730352

Fund No. : 82410

Program No. : 149125

Project No. : PRJ-17455

Project Activity : ENGCON

Contractor :

Contract No. : 11156

SAK Construction

Date of Contract: 9/24/24

864 Hoff Road, O'Fallon MO 63366

Completion Date: 12/20/25

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
1-1	LOCATION: 10 Mile Road, Southfield MI DESCRIPTION: (Extra/Add) I. EWO1 Utility Excavation/Potholing Allowance REASON: Allowance will be reserved for any necessary potholing or utility excavation along 10 Mile Road.	LS	1.0	\$18,329.00	\$18,329.00	---

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
1-2	<p>LOCATION: 9 to 10 Mile Road, Southfield MI</p> <p>DESCRIPTION: Extra/Add</p> <p>IL.9 EWO1A Bypass Pumping; modifications in pump set up and operations for 10MGD bypass design</p> <p>REASON: The original proposed bypass was only able pump 7.5 MGD, which is possible, but invites a level of risk that OCWRC is not comfortable with. Without changing the diameter of lining, and using larger pumps, 10 MGD will be able to be pumped. Also included in this change order is the cost of moving the bypass setup, as it was originally proposed to stack pumps in the pump out manhole for the duration of the project. By switching the bypass location after some of the sewer is lined, we are able to put the bypass pumps in different manholes and reduce risk.</p>	LS	1.0	\$149,400.00	\$149,400.00	---

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	LOCATION: 9 to 10 Mile Road, Southfield DESCRIPTION: Change/Add II.7 Sewer Cleaning of 36-inch Sewer REASON: Correction of incorrect length listed in Schedule of Values	LF	298.0	\$82.00	\$24,436.00	---
	LOCATION: 9 to 10 Mile Road, Southfield DESCRIPTION: Change/Delete II.8 Sewer Cleaning of 48-inch Sewer REASON: Correction of incorrect length listed in Schedule of Values	LF	-314.0	\$82.00	---	\$25,748.00

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	LOCATION: 9 to 10 Mile Road, Southfield DESCRIPTION: Change/Add II.14 Thermal Cured-in-place Lining of 36-inch Sewer (Non-Styrenated Resin) REASON: Correction of incorrect length listed in Schedule of Values	LF	298.0	\$460.00	\$137,080.00	---
	LOCATION: 9 to 10 Mile Road, Southfield II.15 Thermal Cured-in-place Lining of 48-inch Sewer (Non-Styrenated Resin) DESCRIPTION: Change/Delete REASON: Correction of incorrect length listed in Schedule of Values	LF	-314.0	\$1,022.00	---	\$320,908.00

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	LOCATION: N/A DESCRIPTION: Change/Add Updated Statement of Values, Final Drawings, and Specifications REASON: Addition of updated documents to be added to the contract. Documents have been attached to the Change Order.	NA	NA	NA	NA	NA
				Totals	\$447,999.75	\$346,656.00
				Net Increase	\$101,343.75	---

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For Construction of the Southfield Sewer Lining Project
Southfield
Oakland County, Michigan**

Prepared by: Scott Schultz Date: 6/20/25
Scott Schultz, P.E. - Project Engineer

Recommended by: Maria Sedki Date: 06/20/2025
Maria Sedki, P.E. - Engineering Consultant

Approved by: Joel Brown Date: 6/20/2025
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: Anthony A. Aderhold Date: 06/20/2025
Anthony Aderhold, P.E.
SAK Construction

Approved by: Steven Korth Date: June 23, 2025
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:

**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. 39

May 1, 2025 to May 31, 2025

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)		\$34,772,056.57	
Less Deductions to Date: (Sheet 2 of 3 Column 7)		\$0.00	
Gross Estimate: (Work in Place)	68.84%	\$34,772,056.57	✓
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$2,525,622.21	
Total Amount Allowed To Date:		\$32,246,434.36	
Less Previous Estimates:		\$31,007,019.96	
Net Payment Request To Be Paid To Contractor:		\$1,239,414.40	
Reserve Payment to Contractor		\$0.00	
Balance of Contract To Date	✓	\$15,740,387.57	Accounting Auditor: <i>BCR</i> 6/13/2025
Less Previous Transfers To Reserve:		\$2,525,622.21	✓
Amount of Current Transfer:		\$0.00	

Prepared by: *Lawrence Gilbert*
Lawrence Gilbert, P.E. - NTH Consultants

Date: 06/11/2025

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

Date: 6/11/2025

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

Date: 6-13-2025

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

Date: 6/16/16

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 I-696 Pump Station Rehabilitation
Southfield
Oakland County, Michigan**

Construction Estimate No. 5

May 14, 2024 to June 10, 2025

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) \$1,090,447.50

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

Gross Estimate: (Work in Place) 68.26% \$1,090,447.50

Less Amount Reserved: (5% of Adjusted Contract Amount) \$79,875.00 ✓

Total Amount Allowed To Date: \$1,010,572.50

Less Previous Estimates: \$728,872.50

Net Payment Request To Be Paid To Contractor: \$281,700.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date ✓ \$507,052.50 Accounting Auditor: *BTR* 6/13/2025

Less Previous Transfers To Reserve: \$79,875.00 ✓

Amount of Current Transfer: \$0.00

Prepared by: Scott Schultz
Scott Schultz - Project Engineer

Date: 6/16/25

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

Date: 6/16/2025

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

Date: 6/17/2025

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 Design and Construction of the Southfield Sewer Lining Project
Southfield
Oakland County, Michigan**

Construction Estimate No. 7

May 1, 2025 to May 31, 2025

Department No.: 6010101
Fund No.: 82410
Project No.: PRJ-17455
PO#: PO00071175

Account No.: 730352
Program No.: 149125
Activity: ENGCON
Vendor No. 41132
Contract No.: 11156
Date of Contract: 9/24/2024
Completion Date: 12/20/2025

Contractor:
SAK Construction
864 Hoff Road
O'Fallon, MO 63366

Original Contract Amount: \$7,387,461.00

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$7,387,461.00

Subtotal To Date: (Sheet 2 of 2 Column 7) \$421,596.79

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

Gross Estimate: (Work in Place) 5.71% \$421,596.79

Less Amount Reserved: (10% of Gross Estimate) \$42,159.68

Total Amount Allowed To Date: \$379,437.11

Less Previous Estimates: \$354,476.94

Net Payment Request To Be Paid To Contractor: \$24,960.17

Reserve Payment to Contractor \$0.00

Balance of Contract To Date ✓ \$6,965,864.21 Accounting Auditor: *BCR* 6/13/2025

Less Previous Transfers To Reserve: \$39,386.33

Amount of Current Transfer: \$2,773.35

Prepared by: Scott Schultz
Scott Schultz - Project Engineer

Date: 6-13-25

Recommended by: Maria Sedki
Maria Sedki, P.E. - Consulting Engineer

Date: 06/13/2025

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

Date: 6/13/2025

Approved by Board on: _____

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: June 24, 2025

SUBJECT: Request for Approval of Invoices

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

Payable To	Ref No.	For	Amount
Orchard Hiltz and McCliment Inc (OHM)	SINV00347167	Inv# 89007 - Contracted Services - Proj #17438	2,146.00
		Subtotal - Project #17438	2,146.00
DLZ Michigan Inc	SINV00347653	Inv# REV000403884 - Engineering Services - Proj #17459	35,433.00
		Subtotal - Project #17459	35,433.00
Applied Science Inc	SINV00344691	Inv# 9176 - Contracted Services - Proj #17542	603.00
		Subtotal - Project #17542	603.00
Applied Science Inc	SINV00344691	Inv# 9176 - Contracted Services - Proj #17543	402.00
ICS Integration Services LLC	SINV00345263	Inv# 3252 - Contracted Services - Proj #17543	7,370.00
		Subtotal - Project #17543	7,772.00
DLZ Michigan Inc	SINV00347651	Inv# 000403863 - Engineering Services - Proj #17554	9,594.72
		Subtotal - Project #17554	9,594.72
DLZ Michigan Inc	SINV00347649	Inv# 000403860 - Engineering Services - Proj #17555	2,509.65
		Subtotal - Project #17555	2,509.65
ADS LLC	SINV00347103	Inv# 35801-0325-A - Contracted Services	51,275.00
ADS LLC	SINV00347391	Inv# 35801-0325-K - Contracted Services	4,725.00
Applied Science Inc	SINV00347723	Inv# 9177 - Contracted Services	5,644.58
Applied Science Inc	SINV00347729	Inv# 9174 - Contracted Services	60,383.00
Dickinson Wright PLLC	SINV00346159	Inv# 2037244 - Legal Services	12,520.13
Dickinson Wright PLLC	TBP	Inv# 2046005 - Legal Services	1,144.00
Kotz Sangster Wysocki PC	SINV00342536	Inv# 621304 - Legal Services	10,906.25
Kotz Sangster Wysocki PC	TBP	Inv# 622369 - Legal Services	9,465.00
		Subtotal	156,062.96
		Total	214,121.33

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: June 24, 2025

SUBJECT: Request for Approval of Invoices

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

Payable To	Ref No.	For	Amount
Applied Science Inc	SINV00346163	Inv# 9079 - Contracted Services - PRJ-17452	2,328.50
Neyer Tiseo & Hindo Ltd (NTH)	SINV00345264	Inv# 639208 - Engineering Services - PRJ-17452	5,919.08
		Subtotal - Project #17452	8,247.58
		Total	8,247.58

7. Pontiac Clinton River #1 Drain

AGENDA

DRAINAGE BOARD FOR THE PONTIAC CLINTON RIVER NO. 1 DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
3. Public Comments
4. Present Construction Estimate No. 5 for Pamar Enterprises for Construction of the PCR No. 1 Drain Drainage District Improvements in the amount of \$2,595.77 with a transfer to the Oakland County Treasurer in the amount of \$87.50
5. 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 \$38,115.43
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner.

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held March 25, 2025, were presented for consideration. It was moved by Markham, supported by Varra, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

Change Order No. 1 for Pamar Enterprises for Construction of the PCR No. 1 Drain Drainage District Improvements for a net decrease in the amount of \$9,850.00 was presented. It was moved by Markham, supported by Varra, to approve Change Order No. 1 for Pamar Enterprises for Construction of the PCR No. 1 Drain Drainage District Improvements for a net decrease in the amount of \$9,850.00 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 4 for Pamar Enterprises for Construction of the PCR No. 1 Drain Drainage District Improvements in the amount of \$179,293.29 with a transfer to the Oakland County Treasurer in the amount of \$2,882.00 was presented. It was moved by Markham, supported by Varra, to approve Construction Estimate No. 4 for Pamar Enterprises for Construction of the PCR No. 1 Drain Drainage District Improvements in the amount of \$179,293.29 with a transfer to the Oakland County Treasurer in the amount of \$2,882.00 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

Jim Nash, Oakland County Water Resources Commissioner
Pontiac-Clinton River No. 1 Drain Drainage District
For Construction of the Pontiac-Clinton River (PCR) No. 1 Drain Drainage District Improvements
Pontiac, MI
Oakland County, Michigan

Construction Estimate No. 5 ✓

May 01, 2025 to May 31, 2025 ✓

Department No.: CCN6010101
Fund No.: FND84447
Project No.: PRJ-17559

Account No.: SC730373
Program No.: PRG149015
Activity: FAC
Vendor No.: 4186
Contract No.: CON00011347
Date of Contract: 11/27/2024
Completion Date: 3/10/2025
PO Number: PO00077682

Contractor: Pamar Enterprises, Inc.
(Name & Address) 58021 Gratiot Avenue
New Haven, MI 48048

Original Contract Amount:		\$611,258.52
Previous Change Order: Numbers: (none)		\$0.00 ✓
Change Orders This Estimate Numbers: 1		\$1,750.00
Total Net Change Orders:		\$1,750.00
Adjusted Contract Amount:		\$613,008.52 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)	\$149,590.62	\$461,667.90
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	75.31%	\$461,667.90
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$30,650.43
Total Amount Allowed To Date:		\$431,017.47
Less Previous Estimates:		\$428,421.70 ✓
Net Payment Request To Be Paid To Contractor:		\$2,595.77
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$151,340.62 ✓	Accounting Auditor: HDG 6/16/25
Less Previous Transfers To Reserve:		\$30,562.93 ✓
Amount of Current Transfer:		\$87.50

Prepared by:

Geoff Wilson
Geoff Wilson, P.E. - Chief Engineer (WRC)

Date: 6/16/2025

Recommended by:

Fatemeh Babakhani
Fatemeh Babakhani, P.E. - Consulting Engineer (HRC)

Date: 6/9/2025

Approved by:

Gary Nigro
Gary Nigro, P.E. - Manager (WRC)

Date: 6/16/2025

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER
1 of 2

04/01/2022

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the Pontiac Clinton River 1 (Construction)

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: June 24, 2025

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

Date	Ref No.	Paid To	For	Amount
	SINV00346206	Hubbell Roth and Clark Inc	Invoice # 0227214 - Engineering Services - Prj#1-7559	\$ 9,592.59
	SINV00346204	Hubbell Roth and Clark Inc	Invoice # 0226399 - Engineering Services - Prj#1-7559	1,400.52
	SINV00346201	Hubbell Roth and Clark Inc	Invoice # 0226398 - Engineering Services - Prj#1-7559	24,916.64
	SINV00347781	Hubbell Roth and Clark Inc	Invoice # 0227993 - Engineering Services - Prj#1-7559	2,205.68
			Total Project 1-7559	\$ 38,115.43
			Grand Total	\$ 38,115.43

8. Caddell Drain

AGENDA

DRAINAGE BOARD FOR THE CADDELL DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of April 22, 2025
3. Public Comments
4. Present Project Assessment Recommendation and Special Assessment Roll in the amount of \$299,000
5. Present Memorandum from Jack Puscas, E.I.T., Project Engineer, dated June 24, 2025, requesting the Board approve the engineering services contract to NTH Consultants, Ltd for the design of the culvert rehabilitation project at 9 Mile and Drake roads
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

April 22, 2025

A meeting of the Drainage Board for the Caddell 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 22nd day of April 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Vaara for Jim Nash, Chief Deputy of the 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: Jim Nash, Oakland County Water Resources Commissioner

Minutes of the meeting held February 25, 2025, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

A memorandum from Jack Puscas, E.I.T., Project Engineer, dated April 22, 2025, requesting the Board approve the solicitation of proposals from professional engineering firms for the design of the culvert rehabilitation project at 9 Mile and Drake roads was presented. It was moved by Markham, supported by Woodward, to approve the solicitation of proposals from professional engineering firms for the design of the culvert rehabilitation project at 9 Mile and Drake roads 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 \$3,904 (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 \$3,904.

ADOPTED: Yeas - 3
Nays - 0

It was moved by Vaara, 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.

A handwritten signature in blue ink, appearing to read 'AV', is written above a horizontal line.

Anne Vaara, Acting 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 Caddell Drain, Oakland County, Michigan, held on 22nd day of April 2025, 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 Caddell Drain Drainage District.

A handwritten signature in blue ink, appearing to read 'AV', is written above a horizontal line.

Anne Vaara, Acting Chairperson

Dated: April 22, 2025

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
PROJECT ASSESSMENT RECOMMENDATION FOR THE
CADDELL DRAIN**

PROJECT: Caddell Drain-Nine Mile and Drake Project (PRJ-17877)

CURRENT FUND BALANCE: (\$5,472.10)
Construction fund FND84600

AMOUNT TO BE ASSESSED: \$299,000.00

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment
City of Farmington Hills	60.500%	\$ 180,895.00
City of Farmington	11.900%	\$ 35,581.00
City of Novi	3.800%	\$ 11,362.00
State of Michigan	18.200%	\$ 54,418.00
Road Commission for Oakland County on account of drainage to county highways	5.600%	\$ 16,744.00
Total	100.000%	\$ 299,000.00

*Apportionment based on Final Order of Apportionment dated 01/26/1983.

Assessment Payment Due Date: 07/31/2025

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

Jim Nash
Chairman of the Drainage Board for the Caddell Drain

The foregoing Special Assessment Roll was approved for the Caddell Drain on _____

Jim Nash
Chairman of the Drainage Board for the Caddell Drain

Project Design Cost Estimate for Caddell Drain

10-Jun-25

	Total Cost
1) Project Development: Engineering Consulting (ENG CON)	
a Preliminary Design and Design (730639)	\$ 171,082
b Construction Contract Administration & Construction Materials Testing (731444)	\$ -
c Scheduling Consultant (731458)	\$ -
d Additional Special Services (730373) - CCTV Leads	\$ -
Sub-Total	\$ 171,000
2) Right-of-Way Services (ROW)	
a Easement Fees (731038)	\$ -
b Legal Fees (easement) (731073)	\$ 20,000
c Permits (731115)	\$ 10,000
d County Personnel Time	\$ 14,761
Sub-Total	\$ 45,000
3) Exclusive County Services:	
a Administration (ADM)	\$ -
b Engineering-OCWRC (ENG)	\$ 51,939
c Construction Inspection (INS)	\$ 3,585
d Surveying (SUR)	\$ -
e O&M/Equipment Startup and Training/Corrections-OCWRC (STD)	\$ -
Sub-Total	\$ 56,000
4) Subtotal:	\$ 272,000
5) Contingency (10%)	\$ 27,000
Total Project Cost	\$ 299,000

6) CVT Shares/Allocation: Special Assessment

**I hereby certify the period of usefulness of
these facilities to be 20 years and upwards.**

Jack Puscas, E.I.T.
Project Engineer

By: _____
Joel Brown, P.E.
Chief Engineer

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

TO: Jim Nash, Chairperson of the Caddell Drain Drainage Board

FROM: Jack Puscas, E.I.T, Project Engineer

SUBJECT: Engineering Services Award for a Rehabilitation Project at 9 Mile and Drake Roads

DATE: June 24, 2025

Last month, proposals were solicited from professional engineering firms for the design of the Caddell Drain project. The project involves four corrugated metal pipe arch culverts, located at the intersection of 9 Mile and Drake roads in Farmington Hills. This project will replace or rehabilitate the culverts that serve the cities of Novi, Farmington, and Farmington Hills. The repair of the Caddell Drain at the intersection will extend its service life by deterring ongoing sinkholes and improving its structural integrity.

A juried selection process was utilized to establish a final award for this project. Each proposal was evaluated in accordance with the following criteria: consultants' understanding of the project including local knowledge, scope of services, schedule, personnel assigned to the project, related project experience and fees.

NTH Consultants, Ltd. was selected based on its award-winning project experience, understanding of the project, and highly qualified staff. The firm proposed a design budget of \$171,082, which was also the low bid. Please refer to the appended evaluation sheets for complete scoring results. The consultant will have a notice to proceed date of July 1, 2025. The design process is estimated to take eight months. With Board approval, construction is expected to begin in the spring of 2026.

RECOMMENDED ACTION: Authorize the Chairperson to award the engineering services contract to NTH Consultants, Ltd. for a not-to-exceed amount of \$171,082 for the design of the culvert rehabilitation project at 9 Mile and Drake roads.

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
CADELL DRAIN - 9 MILE & DRAKE PROJECT

Proposal Review Score Card

Pre-Interview Score								
	Firm	Fee	Project Understanding, Scope, & Schedule 40 points	Personnel 15 points	Related Project Experience 15 points	Cost Proposal 30 points	Total Score 100 points	Pre-Interview Ranking
1	NTH	\$171,082.00	39	11	13	30	93	1
2	Fishbeck	\$212,000.00	36	13	14	24	87	2
3	AEW	\$217,795.00	28	12	12	22	74	3
4	HRC	\$410,469 (Culvert Lining), \$583,011 (Two Segment)	36	13	13	9	71	4

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
CADDELL DRAIN - 9 MILE & DRAKE PROJECT

Proposal Opening: 3-Jun-25

	Firm	Proposal Signed	Experience & Qualifications	Work Plan	Schedule	Personnel & Resumes	Cost Proposal	Admin Forms	Copies Provided
1	NTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1
2	Fishbeck	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1
3	AEW	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1
4	HRC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1

ENGINEERING SERVICES AGREEMENT

OAKLAND COUNTY, MICHIGAN

BETWEEN

NTH CONSULTANTS, LTD.

AND

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
AS AGENT FOR CADDELL DRAIN**

**BUILDING 95 WEST – ONE PUBLIC WORKS DRIVE
WATERFORD, MICHIGAN 48328-1907**

The Oakland County Water Resources Commissioner, a County Agency for the County of Oakland, State of Michigan and the agent of the Mainland Drain, One Public Works Drive Bldg. 95 West, Waterford, MI ("Owner") and _____ ("Engineer") enter into this contract for engineering services ("Engineering Services Agreement" or "ESA"), effective the _____ day of _____, 2025 for the project known as "Caddell Drain - 9Mile & Drake Project" (the "Project").

1. DOCUMENTS CONSTITUTING THE ENGINEERING SERVICES AGREEMENT

1.1. The Engineering Services Agreement consists of the following documents, which together form the contract between the Owner and the Engineer:

- .1 This Engineering Services Agreement (DC-391 Part A).
- .2 The Engineering Services Agreement Standard Terms and Conditions (DC-391 Part B).
- .3 The forms selected with an "X" below:



PRE-391 – PRELIMINARY ENGINEERING PHASE SERVICES



DPS-391 – DESIGN PHASE SERVICES



AMS-391 – ASSET MANAGEMENT SERVICES



BID-391 – BIDDING SERVICES



CON-391 – CONSTRUCTION PHASE SERVICES



SUR-391 – CONSTRUCTION SURVEYING AND LAYOUT SERVICES



RE-391 – RESIDENT ENGINEER SERVICES



RPR-391 – RESIDENT PROJECT REPRESENTATIVE SERVICES



ADD-391 – ADDITIONAL SPECIAL SERVICES



Engineer's Proposal, dated _____ (scope of work only).

1.2. In the event of conflict, ambiguity, or discrepancy between the terms of any of the documents constituting the Agreement, the more stringent condition, term, or interpretation imposed on the Engineer shall apply.

2. SCOPE OF THIS AGREEMENT

2.1. The Agreement is the entire and integrated contract between the Owner and the Engineer and supersedes all prior negotiations, representations, or agreements, whether written or oral. This Agreement may only be amended by an Engineering Work Order executed by the parties.

2.2. In the event the Owner and the Engineer have marked the Engineer's proposal under Section 1.1.2, the proposal shall be included in the Agreement for the limited purpose of describing the Engineer's scope of services. Such provisions as limitations on liability, mutual indemnification, or conditions of the Engineer's performance that might be contained in the proposal do not apply. Terms in the proposal are subordinate to any conflicting term in the Agreement.

3. PROJECT DESCRIPTION

The Project shall, in general, consist of the following:

The Caddell Drain involves four (4) 112-x-75-inch CMP arch culverts, located at the 9 Mile and Drake intersection in Farmington Hills. This project seeks to replace or rehab the culverts that serve the cities of Novi, Farmington, and Farmington Hills. The repair of the Caddell Drain at the 9 Mile and Drake intersection will extend its service life by deterring ongoing sinkholes and improving its structural integrity.

4. PROJECT-SPECIFIC SERVICES

4.1. The Engineer shall provide the Project-specific services outlined in the forms listed and selected in Section 1.1.2 of this Agreement. The Owner may authorize the Engineer to provide Additional Special Services by Work Order during the course of the Project. The omission of a service from documents incorporated under Section 1.1.2 does not excuse the Engineer from performing any regular or normal service that is necessary to meet the Standard of Care or to accomplish the Owner's stated goals for the Project, unless the service has been specifically excluded from the Engineer's scope of services and the Engineer has informed the Owner in writing of the need for it.

5. CONSULTANTS

5.1. The Engineer intends to retain the Consultants listed below to assist with the performance of its services.

6. PAYMENT TO ENGINEER FOR ENGINEERING SERVICES

6.1. The Owner will compensate the Engineer on an hourly fee for service basis, plus permitted reimbursable expenses, in accordance with the terms of this Engineering Services Agreement.

6.2. The hourly billing rates for services of the Engineer and the Engineer's Consultants are set forth below or on the attached proposal, as the case may be. The rates may be adjusted only by Engineering Work Order.

Employee or Category	Rate (\$0.00)

6.3. The Engineer's total estimated compensation for each phase of services is as follows:

Preliminary Engineering (Study) Phase Services	\$ <u>70,738.00</u>
Design Phase Services	\$ <u>89,520.00</u>
Asset Management Services	\$ _____
Bidding Services	\$ <u>10,260.00</u>
Construction Phase Services	\$ _____
Construction Surveying and Layout	\$ _____
Resident Engineer (RE) Services	\$ _____
Resident Project Representative (RPR) Services	\$ _____
Additional Special Services	\$ _____

6.4. All terms and conditions governing payment are contained within Section 8 of the Engineering Services Agreement Standard Terms and Conditions (DC-391 Part B).

IN WITNESS WHEREOF, the parties hereto have executed this Engineering Services Agreement as of the day and year first referenced in this Engineering Services Agreement.

WITNESS

OAKLAND COUNTY WATER RESOURCES
COMMISSIONER AS AGENT OF THE CADDELL
DRAIN

Signature: _____

Print Name: Jim Nash

Title: Oakland County Water Resources
Commissioner

WITNESS

Engineer: _____

Signature: _____

Print
Name: _____

Title: _____

Approved as to form:

Oakland County Water Resource Commissioner's Legal Counsel

9. Augusta Drain

AGENDA

DRAINAGE BOARD FOR THE AUGUSTA DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
3. Public Comments
4. Present Project Assessment No. 1 Recommendation and Special Assessment Roll in the amount of \$335,430
5. Present Construction Estimate No. 4 for Trojan Development Company, Inc. for the Augusta Drainage District Improvements - Drop Fall Structure Reconstruction in the amount of \$46,501.75
6. Present Construction Estimate No. 5 for Pamar Enterprises for Construction of the Augusta Drainage District Improvements - Storm System Rehabilitation in the amount of \$58,546.45 with a transfer to the Oakland County Treasurer in the amount of \$1,010.83
7. Present Construction Estimate No. 7 for T.R. Pieprzak Co., Inc for Construction of the Augusta Drain Norton Street Innovation Project in the amount of \$86,261.96 with a transfer to the Oakland County Treasurer in the amount of \$6,014.09
8. 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 \$77,619.99
9. Other business
10. Approve pro rata payment to Drainage Board members
11. Adjourn

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

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Varra, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

Change Order No. 1 for Pamar Enterprises, Inc. for the Construction of the Augusta Drainage Improvements – Storm System Rehabilitation for a net increase in the amount of \$4,096.58 was presented. It was moved by Markham, supported by Varra, to approve Change Order No. 1 for Pamar Enterprises, Inc. for the Construction of the Augusta Drainage Improvements – Storm System Rehabilitation for a net increase in the amount of \$4,096.58 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 3 for Trojan Development Company, Inc. for the Augusta Drainage District Improvements - Drop Fall Structure Reconstruction in the amount of \$102,516.75 was presented. It was moved by Markham, supported by Varra, to approve Construction Estimate No. 3 for Trojan Development Company, Inc. for the Augusta Drainage District Improvements - Drop Fall Structure Reconstruction in the amount of \$102,516.75 as presented.

ADOPTED: Yeas - 2

Nays - 0

Construction Estimate No. 4 for Pamar Enterprises for Construction of the Augusta Drainage District Improvements - Storm System Rehabilitation in the amount of \$155,398.06 was presented. It was moved by Markham, supported by Varra, to approve Construction Estimate No. 4 for Pamar Enterprises for Construction of the Augusta Drainage District Improvements - Storm System Rehabilitation in the amount of \$155,398.06 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
PROJECT ASSESSMENT NO. 1 RECOMMENDATION FOR THE
AUGUSTA DRAIN**

PROJECT: Augusta Drain 2024 Repairs CWSRF Project (PRJ-17557)
Drop Fall Structure and Shoreline Restoration

CURRENT FUND BALANCE: (\$977,984.99)
Construction fund FND84495

AMOUNT TO BE ASSESSED: \$335,430.00

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment
City of Pontiac	98.381%	\$ 329,999.39
State of Michigan	1.619%	\$ 5,430.61
Total	100.000%	\$ 335,430.00

*Apportionment based on Final Order of Apportionment dated 01/20/1970.

Assessment Payment Due Date: 07/31/2025

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

Jim Nash
Chairman of the Drainage Board for the Augusta Drain

The foregoing Special Assessment Roll was approved for the Augusta Drain on _____

Jim Nash
Chairman of the Drainage Board for the Augusta Drain

**AUGUSTA DRAIN CWSRF REPAIRS
ESTIMATE OF PROJECT 17557 COSTS
REVISED: March 13, 2025**

	Project Costs
1) Contracted Services: Construction Cost (as-bid)	
a Drop Fall Structure	\$ 491,113
Subtotal Construction Cost	\$ 491,113
2) Engineering Consultants	
a Design Phase	\$ 41,394
b Construction Administration, Inspection, Surveying	\$ 89,667
c Scheduling Consultant for Large Projects	
d Vibration Monitoring	\$ 12,000
e	
f	
Subtotal Engineering Consultants	\$ 143,061
3) Legal & Financial	
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	
Subtotal Legal & Financial	\$ -
4) County Services:	
a Administration & General (ADM)	\$ 4,911
b Engineering (ENG)	\$ 9,822
c Right-Of-Way (ROW)	\$ 9,822
d Construction Inspection (INS)	
e GIS Mapping (ADM)	
f Operation Staff (STD) (Shutdowns, Training New Facilities, etc.)	
g Survey (SUR)	
Subtotal County Services	\$ 24,556
Project Subtotal	\$ 658,729
5) 10% Construction Contingency	\$ 65,873
6) Less Anticipated Grant Funds	\$ 425,835
7) Total Project Cost	\$ 298,767
Send completed estimate to Fiscal Services to be loaded in CIP People Soft Budget Report	

**AUGUSTA DRAIN CWSRF REPAIRS
ESTIMATE OF PROJECT 17557 COSTS
REVISED: March 13, 2025**

	Project Costs
1) Contracted Services: Construction Cost (as-bid) c Shoreline Restoration	\$ 92,430
Subtotal Construction Cost	\$ 92,430
2) Engineering Consultants a Design Phase b Construction Administration, Inspection, Surveying c Scheduling Consultant for Large Projects d Vibration Monitoring e f	\$ 7,791 \$ 18,397
Subtotal Engineering Consultants	\$ 26,188
3) Legal & Financial 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	\$ 1,000
Subtotal Legal & Financial	\$ 1,000
4) County Services: 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)	\$ 924 \$ 1,849 \$ 1,849
Subtotal County Services	\$ 4,621
Project Subtotal	\$ 124,239
5) 10% Construction Contingency	\$ 12,424
6) Less Anticipated Grant Funds	\$ 100,000
7) Total Project Cost	\$ 36,663
Send completed estimate to Fiscal Services to be loaded in CIP People Soft Budget Report	

Jim Nash, Oakland County Water Resources Commissioner
Augusta Drainage District
For Construction of the Augusta Drainage District Improvements - Drop Fall Structure Reconstruction
City of Pontiac
Oakland County, Michigan

Construction Estimate No. 4 ✓

May 1, 2025 to May 31, 2025 ✓

Department No.: CCN6010101

Fund No.: FND84495

Project No.: PRJ-17557

Account No.: SC730373

Program No.: PRG149015

Activity : FAC

Vendor No. : 5297

Contract No. : CON00011279

Date of Contract: 12/20/2024

Completion Date: 7/31/2025

PO Number: PO00076762

Contractor: Trojan Development Company, Inc.
 (Name & Address) 2260 Metamora Road
 Oxford, MI 48371

Original Contract Amount: \$491,112.50

Previous Change Order Numbers (none): \$0.00 ✓

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$491,112.50 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7) \$446,772.50

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

Gross Estimate: (Work in Place) 90.97% \$446,772.50

Less Amount Reserved: (5% of Adjusted Contract Amount) \$24,555.63

Total Amount Allowed To Date: \$422,216.87

Less Previous Estimates: \$375,715.12 ✓

Net Payment Request To Be Paid To Contractor: \$46,501.75

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$44,340.00 ✓ Accounting Auditor: HDG 6/16/25

Less Previous Transfers To Reserve: \$24,555.63 ✓

Amount of Current Transfer: \$0.00

Prepared by: Geoff Wilson
 Geoff Wilson, P.E. - Chief Engineer (WRC)

Date: 6/16/2025

Recommended by: Fatemeh Babakhani
 Fatemeh Babakhani, P.E. - Consulting Engineer (HRC)

Date: 6/9/2025

Approved by: Gary Nigro
 Gary Nigro, P.E. - Manager (WRC)

Date: 6/16/2025

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

**Jim Nash, Oakland County Water Resources Commissioner
Augusta Drain Drainage District
For Construction of the Augusta Drain Drainage District Improvements- Storm System Rehabilitation
Pontiac, MI
Oakland County, Michigan**

Construction Estimate No. 5 ✓

May 01, 2025 to May 31, 2025 ✓

Department No.: CCN6010101

Fund No.: FND84495

Project No.: PRJ-17557

Account No.: SC730373

Program No.: PRG149015

Activity: FAC

Vendor No.: 4186

Contract No.: CON00011281

Date of Contract: 12/18/2024

Completion Date: 7/31/2025

PO Number: PO00076760

Contractor: Pamar Enterprises, Inc.
(Name & Address) 58021 Gratiot Avenue
New Haven, MI 48048

Original Contract Amount:		\$454,587.94
Previous Change Order: Numbers: (none)		\$0.00 ✓
Change Orders This Estimate: Numbers: 1		\$20,216.58
Total Net Change Orders:		\$20,216.58
Adjusted Contract Amount:		\$474,804.52 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$446,170.24
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	93.97%	\$446,170.24
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$23,740.23
Total Amount Allowed To Date:		\$422,430.01
Less Previous Estimates:		\$363,883.56 ✓
Net Payment Request To Be Paid To Contractor:		\$58,546.45
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$28,634.28 ✓	Accounting Auditor: H/DG 6/16/25
Less Previous Transfers To Reserve:		\$22,729.40 ✓
Amount of Current Transfer:		\$1,010.83

Prepared by: Geoff Wilson
Geoff Wilson, P.E. - Chief Engineer (WRC)

Date: 6/16/2025

Recommended by: Fatemeh Babakhani
Fatemeh Babakhani, P.E. - Consulting Engineer (HRC)

Date: 6/9/2025

Approved by: Gary Nigro
Gary Nigro, P.E. - Manager (WRC)

Date: 6/16/2025

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.:	7 ✓	1/1/2025 thru 5/30/2025 ✓	
Department No.:	6010101	Account No.:	730373
Fund No.:	FND82495	Program No.:	149015
Project No.:	PRJ-17215	Activity:	STD
		Vendor No.:	41244
		Purchase No.:	PO00065969
Contractor:	T.R. Pieprzak Co., Inc.	Contract No.:	CON00011041
	6267 St. Clair Highway	Date of Contract:	7/1/2024
	China Twp., MI 48054	Completion Date:	6/30/2025

Original Contract Amount:	\$	852,612.88
Previous Change Order Numbers (CO #1 only):	\$	41,973.80 ✓
Change Orders This Estimate (CO #2 only):	\$	120,281.68
Total Net Change Orders:	\$	162,255.48
Adjusted Contract Amount:	\$	1,014,868.36 ✓
Subtotal To Date: (Sheet 4 of 4, Column 8)	\$	863,814.36
Less Deductions To Date (Sheet 4 of 4, Column 8)	\$	-
Gross Estimate: (Work in Place)	85%	\$ 863,814.36
Less Amount Reserved: (5% of Adjusted Contract Amount)	\$	50,743.42
Total Amount Allowed To Date:	\$	813,070.94
Less Previous Estimates:	\$	726,808.98 ✓
Net Payment Request To Be Paid To Contractor:	\$	86,261.96
Reserve Payment to Contractor:	\$	-
Balance of Contract To Date:	\$151,054.00 ✓	Accounting Auditor: HDG 6/11/25
Less Previous Transfers To Reserve:	\$	44,729.33 ✓
Amount of Current Transfer:	\$	6,014.09

Prepared By: Jennifer Cook
Jennifer Cook Task ID: 2025.16.18 (001)
 Jen Cook, P.E. - Project Engineer (WRC)

Date: 06/12/2025

Recommended By: John V. Balint
 John Balint, P.E. - Consulting Engineer (HRC)

Date: 6/12/2025

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

Date: 06/13/2025

Approved by Board on: _____



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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: June 24, 2025

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

Date	Ref No.	Paid To	For	Amount
	SINV00346208	Hubbell Roth and Clark Inc	Invoice # 0227249 - Engineering & Survey - Prj#1-7557	\$ 39,717.22
	SINV00346198	Hubbell Roth and Clark Inc	Invoice # 0226397 - Engineering & Survey - Prj#1-7557	29,304.17
	SINV00347783	Hubbell Roth and Clark Inc	Invoice # 0228020 - Engineering & Survey - Prj#1-7557	8,598.60
			Total Project 1-7557	\$ 77,619.99
			Grand Total	\$ 77,619.99

10. Luz Relief Drains

AGENDA

MEETING OF THE DRAINAGE BOARD FOR THE LUZ RELIEF DRAINS

June 24, 2025

1. Call meeting to order.
2. Approve minutes of meeting of May 27, 2025
3. Public Comments
4. Present Project Assessment Recommendation and Special Assessment Roll in the amount of \$278,000.00
5. Other Business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE LUZ RELIEF DRAINS**

May 27, 2025

A meeting of the Drainage Board for the Luz Relief Drains was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 27th day of May 2025.

The meeting was called to order by Acting Chairperson Anne Varra.

PRESENT: Anne Varra, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025, were presented for consideration. It was moved by Markham, supported by Vaara, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara asked if there were any public comments. There were none.

A memorandum from Michael Walsh, P.E., Civil Engineer III, dated May 27, 2025, requesting the Board approve the attached Engineering Services Agreement and authorize the Chairperson to execute the contract was presented. It was moved by Markham, supported by Varra, to approve the attached Engineering Services Agreement and authorize the Chairperson to execute the contract as presented.

ADOPTED: Yeas - 2
Nays - 0

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$21,229.00 for the Luz Relief Drains (as attached) were presented. It was moved by Markham, supported by Varra, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$21,229.00 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

A handwritten signature in blue ink, appearing to read 'Anne Vaara', with a large checkmark-like flourish at the end.

Anne Vaara, Acting 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 Luz Relief Drains, Oakland County, Michigan, held on the 27th day of May 2025, 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 Luz Relief Drains Drainage District.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
PROJECT ASSESSMENT RECOMMENDATION FOR THE
LUZ RELIEF DRAIN**

PROJECT: Luz Relief Drains Extension Project (PRJ-17918)

CURRENT FUND BALANCE: \$0.00
Construction fund FND84514

AMOUNT TO BE ASSESSED: \$278,000.00

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment
Charter Township of Bloomfield	81.5914%	\$ 226,824.09
Road Commission for County of Oakland on account of drainage to county highways	18.4086%	\$ 51,175.91
Total	100.0000%	\$ 278,000.00

*Apportionment based on existing Final Order of Apportionment dated 10/06/1972. Apportionment to be revised once final design is complete.

Assessment Payment Due Date: 07/31/2025

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

Jim Nash
Chairman of the Drainage Board for the Luz Relief Drain

The foregoing Special Assessment Roll was approved for the Luz Relief Drain on _____

Jim Nash
Chairman of the Drainage Board for the Luz Relief Drain

**Study and Design Cost Estimate for
Luz Relief Drains Extension
22-Apr-25**

	Total Cost
1) Engineering Consulting (ENG CON)	
a Preliminary Engineering (Study) and Design	\$ 135,950
b Geotechnical Engineering	\$ 7,050
c CCTV and PACP Inspection of existing Storm Drain by WRC	\$ 10,000
Subtotal	\$ 153,000
2) Project Financing & Legal (LEGAL)	
a Drainage Board Proceedings	\$ 15,000
Subtotal	\$ 15,000
3) Right-of-Way Services (ROW)	
a Easement Fees	\$ 5,000
b Legal Fees (easement)	\$ 5,000
c County Personnel Time (ROW)	\$ 9,000
Subtotal	\$ 19,000
4) Exclusive County Services	
a Administration (ADM)	\$ 5,000
b Engineering-OCWRC (ENG)	\$ 50,000
c Construction Inspection (INS)	\$ 5,000
d Surveying (SUR)	\$ 2,000
e WRC O & M Staff (STD)	\$ 4,000
Subtotal	\$ 66,000
5) Subtotal:	\$ 253,000
6) Contingency (Approximately 10%)	\$ 25,000
Total Estimated Project Design Cost	\$ 278,000

Name of Public Corporation	Percentage Apportioned	Amount Apportioned
Bloomfield Township	81.5914%	\$ 226,824
Oakland County	18.4086%	\$ 51,176
Total	100.0000%	\$ 278,000

11. Cranberry Lake Drain

AGENDA

DRAINAGE BOARD FOR THE CRANBERRY LAKE DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of April 26, 2022
3. Public Comment
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,900
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE CRANBERRY LAKE DRAIN**

April 26, 2022

A meeting of the Drainage Board for the Cranberry Lake 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 26th day of April 2022.

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 April 23, 2019, 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.

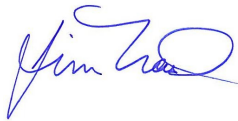
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,200 for the Cranberry Lake Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,200 as 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.

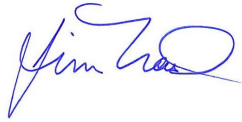


Jim Nash, Chairperson

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 Cranberry Lake Drain, Oakland County, Michigan, held on the 26th day of April 2022, 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 Cranberry Lake Drain Drainage District.

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

Jim Nash, Chairperson

Dated: April 26, 2022

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Cranberry Lake Drain

Assessment for estimated maintenance expenses for fiscal years: 2025 through 2027

Date last assessment approved:	04/26/22	
Last Assessment:		\$7,200
Current Available Cash:		\$2,141

Expenditure History:	Fiscal Year	Amount
	2018	\$1,566
	2019	\$1,991
	2020	\$2,148
	2021	\$2,088
	2022	\$1,847
	2023	\$1,830
	2024	\$2,363

Estimated Expenditures:	Year	Amount
	2025	\$2,300
	2026	\$2,300
	2027	\$2,300
	Total	\$6,900

Recommended Assessment:

Total Anticipated Expenses 2025 - 2027	\$6,900
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TOTAL RECOMMENDED ASSESSMENT	\$6,900
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Prepared by: <u>Andrea Craft</u>	Date: <u>06/12/2025</u>
Andrea Craft - Supervisor, WRC Financial Services	
Approved by: <u>Geoff Wilson</u>	Date: <u>6/13/2025</u>
Geoff Wilson, P.E. - Chief Engineer	
Approved by: <u>Gary Nigro</u>	Date: <u>6/16/2025</u>
Gary Nigro, P.E. - Manager	

Note: Current Available Cash as of April 30, 2025, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE CRANBERRY LAKE DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Independence	85.6300%	\$ 5,908.46	\$ 1,969.49	\$ 1,969.49	\$ 1,969.48
Road Commission for County of Oakland on account of drainage to county highways	11.5600%	\$ 797.65	\$ 797.65	-	-
State of Michigan	2.8100%	\$ 193.89	\$ 193.89	-	-
<hr/>					
Total	100.000%	\$ 6,900.00	\$ 2,961.03	\$ 1,969.49	\$ 1,969.48

*Apportionment based on Final Order of Apportionment dated 10/30/1990.

Assessment Payment Due Date(s): Payment #1 07/31/2025
Payment #2 07/31/2026
Payment #3 07/31/2027

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Cranberry Lake 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 Cranberry Lake Drain

The foregoing Special Assessment Roll for the maintenance of the Cranberry Lake Drain was approved by the Drainage Board on _____ .

Jim Nash
Chairman of the Drainage Board for the Cranberry Lake Drain

12. Kelly Drain

AGENDA

DRAINAGE BOARD FOR THE KELLY DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of April 26, 2022
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,900
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

April 26, 2022

A meeting of the Drainage Board for the Kelly 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 26th of April 2022.

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 April 23, 2019, 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.

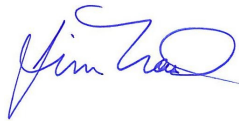
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,614 for the Kelly Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,614 as presented.

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.




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 Kelly Drain, Oakland County, Michigan, held on the 26th day of April 2022, 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 Kelly Drain Drainage District.



Jim Nash, Chairperson

Dated: April 26, 2022

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Kelly Drain

Assessment for estimated maintenance expenses for fiscal years: 2025 through 2027

Date last assessment approved:	04/26/22	
Last Assessment:		\$7,614
Current Available Cash:		\$1,439

Expenditure History:	Fiscal Year	Amount
	2018	\$1,083
	2019	\$1,428
	2020	\$3,005
	2021	\$1,704
	2022	\$1,235
	2023	\$1,356
	2024	\$2,729

Estimated Expenditures:	Year	Amount
	2025	\$2,300
	2026	\$2,300
	2027	\$2,300
	Total	\$6,900

Recommended Assessment:

Total Anticipated Expenses 2025 - 2027	\$6,900
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TOTAL RECOMMENDED ASSESSMENT	\$6,900
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Prepared by: <u>Andrea Craft</u>	Date: <u>06/12/2025</u>
Andrea Craft - Supervisor, WRC Financial Services	
Approved by: <u>Geoff Wilson</u>	Date: <u>6/12/2025</u>
Geoff Wilson, P.E. - Chief Engineer	
Approved by: <u>Gary Nigro</u>	Date: <u>6/16/2025</u>
Gary Nigro, P.E. - Manager	

Note: Current Available Cash as of April 30, 2025, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE KELLY DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Independence	70.2813%	\$ 4,849.41	\$ 1,616.47	\$ 1,616.47	\$ 1,616.47
Road Commission for County of Oakland on account of drainage to county highways	29.7187%	\$ 2,050.59	\$ 2,050.59	-	-
<hr/>					
Total	100.000%	\$ 6,900.00	\$ 3,667.06	\$ 1,616.47	\$ 1,616.47

*Apportionment based on Final Order of Apportionment dated 10/8/1980.

Assessment Payment Due Date(s): Payment #1 07/31/2025
Payment #2 07/31/2026
Payment #3 07/31/2027

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Kelly 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 Kelly Drain

The foregoing Special Assessment Roll for the maintenance of the Kelly Drain was approved by the Drainage Board on _____ .

Jim Nash
Chairman of the Drainage Board for the Kelly Drain

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, June 24, 2025

13. M-15 Drain

AGENDA

DRAINAGE BOARD FOR THE M-15 DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of April 26, 2022
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$13,800
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE M-15 DRAIN**

April 26, 2022

A meeting of the Drainage Board for the M-15 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 26th day of April 2022.

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 April 23, 2019, 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.

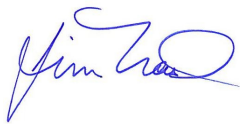
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,500 for the M-15 Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,500 as presented.

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.

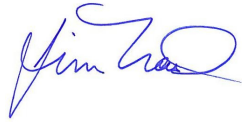


Jim Nash, Chairperson

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 M-15 Drain, Oakland County, Michigan, held on the 26th day of April 2022, 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 M-15 Drain Drainage District.



Jim Nash, Chairperson

Dated: April 26, 2022

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
M-15 Drain

Assessment for estimated maintenance expenses for fiscal years: 2025 through 2027

Date last assessment approved:	04/26/22	
Last Assessment:		\$7,500
Current Available Cash:		\$1,708

Expenditure History:	Fiscal Year	Amount
	2018	\$1,818
	2019	\$2,088
	2020	\$2,870
	2021	\$2,007
	2022	\$1,814
	2023	\$1,523
	2024	\$3,797

Estimated Expenditures:	Year	Amount
	2025	\$2,600
	2026	\$2,600
	2027	\$2,600
	Total	\$7,800

Recommended Assessment:

Total Anticipated Expenses 2025 - 2027	\$7,800
Proposed Special Maintenance Expenses	\$6,000

TOTAL RECOMMENDED ASSESSMENT	\$13,800
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Prepared by: <u>Andrea Craft</u>	Date: <u>06/12/2025</u>
Andrea Craft - Supervisor, WRC Financial Services	
Approved by: <u>Geoff Wilson</u>	Date: <u>6/13/2025</u>
Geoff Wilson, P.E. - Chief Engineer	
Approved by: <u>Gary Nigro</u>	Date: <u>6/16/2025</u>
Gary Nigro, P.E. - Manager	

Note: Current Available Cash as of April 30, 2025, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE M-15 DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Independence	88.6300%	\$ 12,230.94	\$ 4,076.98	\$ 4,076.98	\$ 4,076.98
Road Commission for County of Oakland on account of drainage to county highways	6.6900%	\$ 923.22	\$ 923.22	-	-
State of Michigan	4.6800%	\$ 645.84	\$ 645.84	-	-
<hr/>					
Total	100.000%	\$ 13,800.00	\$ 5,646.04	\$ 4,076.98	\$ 4,076.98

*Apportionment based on Final Order of Apportionment dated 10/30/1990.

Assessment Payment Due Date(s): Payment #1 07/31/2025
Payment #2 07/31/2026
Payment #3 07/31/2027

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the M-15 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 M-15 Drain

The foregoing Special Assessment Roll for the maintenance of the M-15 Drain was approved by the Drainage Board on _____ .

Jim Nash
Chairman of the Drainage Board for the M-15 Drain

14. Northwest Oakland Sanitary Sewer Drain

AGENDA

DRAINAGE BOARD FOR THE NORTHWEST OAKLAND SANITARY SEWER DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of May 27, 2025
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 \$174,822.02
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE NORTHWEST OAKLAND SANITARY SEWER DRAIN**

May 27, 2025

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 p.m. on the 27th day of May 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Vaara for Jim Nash, Chief Deputy of the Oakland County Water Resources Commissioner

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 22, 2025 were presented for consideration. It was moved by Markham, supported by Vaara, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Acting Chairperson Vaara 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 \$1,320.00 (as attached) was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$1,320.00 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting 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 27th day of May 2025, 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.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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

tt for Shawn Phelps

DATE: June 25, 2025

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

Date	Ref No.	Paid To	For	Amount
	SINV00342092	ROWE Professional Services Company	Invoice # 0118198 - Engineering & Survey - Prj#1-7469	68,310.93
	SINV00344537	ROWE Professional Services Company	Invoice # 0118639 - Engineering & Survey - Prj#1-7469	104,311.09
			Total Project 1-7469	\$ 172,622.02
	TBP	Dickinson Wright PLLC	Invoice # 2046020 - Legal Services - 05/31/25 - Prj # 1-7076	\$ 2,200.00
			Total Project 1-7076	\$ 2,200.00
			Grand Total	\$ 174,822.02

15. Rufe Collier Drain

AGENDA

DRAINAGE OARD FOR THE RUFÉ COLLIER DRAIN

June 24, 2025

1. Call meeting to order.
2. Approve minutes of meeting of May 27, 2025.
3. Public Comment.
4. 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 \$26,842.23
5. Other Business.
6. Approve pro rata payment to Drainage Board members.
7. Adjourn.

MINUTES OF THE MEETING OF THE DRAINAGE BOARD
RUFÉ COLLIER DRAIN EXTENSION

May 27, 2025

A meeting of the Drainage Board for the Rufe Collier Drain Extension was held in Waterford, Michigan, on May 27, 2025.

PRESENT: Anne Vaara, Chief Deputy Oakland County Water Resources Commissioner, for Jim Nash

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

ABSENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

The meeting was called to order by the Acting Chairperson. The minutes of the April 22, 2025 meeting of this Board were presented. It was moved by Markham and seconded by Vaara and unanimously adopted that the said minutes be approved as presented.

The Acting 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 Acting Chairperson.

The Acting 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. It was moved by Markham and seconded by Vaara to declare the hearing open.

ADOPTED: Yeas – 2

Nays - 0

There were the following questions and objections:

There were the following written objections:

The Acting Chairperson declared the hearing closed.

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

WHEREAS, a petition was filed with the Oakland County Water Resources Commissioner under the provisions of Chapter 20 of Act 40, Public Acts of Michigan, 1956, as amended, petitions were filed with the Oakland County Water Resources Commissioner on March

12, 2025, by the City of Auburn Hills and April 9, 2025 by the City of Pontiac, Oakland County, Michigan, petitioning for the drain project consisting of said Drain downstream along the entire route and course of the existing Bartlett Drain, subsuming said Bartlett Drain into the Rufe Collier Drain, by extending said Drain upstream from its current point of ending along an existing open channel extending to the west and northwest adjacent to Murphy Park grounds and facilities and Murphy Park Drive, and by improving and maintaining said Rufe Collier Drain, as extended, restoring channels and reaches, creating pools, riffles, and stabilizing streambanks, reducing erosion and sedimentation, constructing structures to improve floodplain storage, enhancing wetlands and access thereto, and constructing additional wetland storage along the Rufe Collier Drain, as extended, and related improvements that serve said Rufe Collier Drain, which 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 RUFÉ COLLIER DRAIN EXTENSION, 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 thereof, to-wit:

City of Pontiac

City of Auburn Hills

Board of County Road Commissioners Of The County of Oakland (Road Commission, County of Oakland) – on account of drainage of county highways

State of Michigan – on account of drainage of state highways

2. That the Acting 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 – 2

Nays - 0

The Acting 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 May 27, 2025.

It was moved by Markham and seconded by Vaara that the Final Order of Determination, In Re Rufe Collier Drain Extension, as this date executed and presented to this Drainage Board by the Acting Chairperson, be and it hereby is confirmed, ratified and approved and ordered filed with the Acting Chairperson on this date.

ADOPTED: Yeas - 2

Nays - 0

RESOLVED, that all resolutions or parts of resolutions in conflict herewith are hereby rescinded.

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$19,558.50 (as attached) was presented. It was moved by Markham, supported by Vaara, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$19,558.50 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Anne Vaara, Acting Chairperson

Dated: May 27, 2025

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 Rufe Collier Drain Extension, Oakland County, Michigan, held on May 27, 2025, 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.



Anne Vaara, Acting Chairperson of the Drainage Board

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the RUFE COLLIER DRAIN (CONSTRUCTION FUND)

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

DATE: June 24, 2025

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 18, 2025.

Ref No.	Paid To	For	Amount
TBP	Drummond Carpenter	Invoice # 5545 - Contracted Services - 05/1/25 - 05/31/25 - PRJ-17851	\$4,571.88
TBP	Drummond Carpenter	Invoice # 5479 - Contracted Services - 04/1/25 - 04/30/25 - PRJ-17851	8,969.25
TBP	Drummond Carpenter	Invoice # 5336 - Contracted Services - 01/1/25 - 01/31/25 - PRJ-17851	1,763.50
TBP	Hubbel Roth & Clark	Invoice # 0223679 - Contracted Services - 11/09/24 - PRJ-17851	10,085.60
TBP	Dickinson Wright PPLC	Invoice # 2046018 - Legal Services - 05/31/25 - PRJ-17851	1,452.00
		TOTAL Project 1-7851	<u>\$26,842.23</u>

16. Joseph Jones Drain

AGENDA

DRAINAGE BOARD FOR THE JOSEPH JONES DRAIN

June 24, 2025

1. Call meeting to order
2. Approve minutes of meeting of April 22, 2025
3. Public Comments
4. 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 \$14,440.60
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE JOSEPH JONES DRAIN**

April 22, 2025

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 22nd day of April 2025.

The meeting was called to order by the Acting Chairperson.

PRESENT: Anne Vaara for Jim Nash, Chief Deputy of the 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: Jim Nash, Oakland County Water Resources Commissioner

Minutes of the meeting held January 28, 2025 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

Acting Chairperson Vaara 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 \$57,370.72 (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 \$57,370.72.

ADOPTED: Yeas - 3
Nays - 0

It was moved by Vaara, 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.



Anne Vaara, Acting 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 22nd day of April 2025, 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.



Anne Vaara, Acting Chairperson

Dated: April 22, 2025

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the JOSEPH JONES DRAIN (CONSTRUCTION FUND)

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

DATE: June 24, 2025

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 18, 2025.

Ref No.	Paid To	For	Amount
TBP	Geosyntec Consultants	Invoice # 629278 - Contracted Services - 05/18/25 - PRJ-17604	\$14,440.60
		TOTAL Project 1-7604	\$14,440.60