

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Caddell Drain
2. Luz Relief Drains
3. Evergreen-Farmington Sanitary Drain
4. Acacia Park CSO Drain
5. Birmingham CSO Drain
6. Bloomfield Village CSO Drain
7. Clinton River Water Resource Recovery Facility
8. George W. Kuhn Drain
9. Mainland Drain
10. Ten Mile-Rouge Sanitary Drain
11. Pontiac Wastewater Treatment Facility
12. Edwards Relief Drain
13. Joseph Jones Drain
14. Beechmont Drain
15. Henry-Graham Drain
16. Nelson Drain
17. Rufe Collier 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, MARCH 24, 2026**, 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: March 18, 2026

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Meeting ID: 213 083 030 527 12

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Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, March 24, 2026

1. Caddell Drain

AGENDA

DRAINAGE BOARD FOR THE CADDELL DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Background Overview
5. City of Farmington and City of Farmington Hills Petitions
6. Discussion
 - a. Sufficiency of petitions
 - b. Practicability of drainage project
 - c. Public corporations assessed
7. Present Resolution No. 1
8. Set date, time, location for public hearing
9. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$29,996.25
10. Other business
11. Approve pro rata payment to Drainage Board members
12. Adjourn

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

February 24, 2026

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 p.m. on the 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 December 16, 2025, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$47,375.46 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

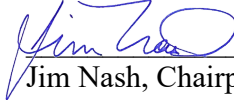
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, 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.



Jim Nash, Chairperson

Dated: February 24, 2026



CADDELL DRAIN DRAINAGE BOARD

MINUTES

2:00 p.m., Tuesday, March 24, 2026
One Public Works Drive
Building 95W
Waterford, MI 48328-1907

Members Present:

Members Absent:

Others Present:

Commissioner Nash called the meeting to order at _____.

The Board members gave introductions.

Agenda:

Commissioner Nash presented the agenda.

- _____ made a motion to approve the Agenda as presented.
Seconded by _____.

Is there any discussion?

Members in favor of the motion? (if not all members, ask for those opposed)

Motion [PASSES / FAILS] by a _____ to _____ vote.

Drain Overview & Petitions:

_____ gave an overview currently existing the Caddell Drain, and concerns with certain existing culverts on the drain.

Commissioner Nash presented the Petitions by the Cities of Farmington and Farmington Hills dated

July 21, 2025, and August 12, 2024, respectively.

The Board then discussed the sufficiency of the Petitions, the practicability of the drainage project, and the public corporations to be assessed for the benefits to the public health, county roads, and state highways.

- _____ made a motion to tentatively determine the Petitions are sufficient.

Seconded by _____.

Is there any discussion?

Members in favor of the motion? (if not all members, ask for those opposed)

Motion [***PASSES*** / ***FAILS***] by a _____ to _____ vote.

- _____ made a motion to tentatively determine the proposed drainage project that has been petitioned is practicable.

Seconded by _____.

Is there any discussion?

Members in favor of the motion? (if not all members, ask for those opposed)

Motion [***PASSES*** / ***FAILS***] by a _____ to _____ vote.

- _____ made a motion to tentatively determine that the City of Farmington, City of Farmington Hills, City of Novi, Oakland County, and the Michigan Department of Transportation shall be assessed to pay the costs of said project for the benefits to the public health, county roads, and state highways.

Seconded by _____.

Is there any discussion?

Members in favor of the motion? (if not all members, ask for those opposed)

Motion [***PASSES*** / ***FAILS***] by a _____ to _____ vote.

The next meeting will be held on _____, 20____ at _____ a.m./p.m. at the _____, _____, Michigan _____.

Commissioner Nash presented an overview of Resolution No. 1 (attached) to the Board.

- _____ made a motion to approve Resolution No. 1.

Seconded by _____.

Is there any discussion?

Roll Call Vote

Members in favor: _____

Members Against: _____

Motion [***PASSES*** / ***FAILS***] by a _____ to _____ vote.

Public Comment: _____

Meeting Adjourned at _____.

Dated: _____, 20____

_____, Acting Secretary
Caddell Drain Drainage Board



CADDELL DRAIN DRAINAGE BOARD
FIRST MEETING POTENTIAL MOTIONS

2:00 p.m., Tuesday, March 24, 2026
One Public Works Drive
Building 95W
Waterford, MI 48328-1907

1. I move to elect _____ as secretary for this meeting
2. I move to approve the agenda for the _____, 20____ meeting.
3. I move that the Board tentatively determines the Petitions from the City of Farmington and City of Farmington Hills are sufficient.
4. I move that the Board tentatively determines that the proposed drainage project is practicable.
5. I move that the Board tentatively determines that the City of Farmington, the City of Farmington Hills, and the City of Novi shall be assessed for the benefits to the public health and that Oakland County and the Michigan Department of Transportation shall be assessed for the benefits to county roads and to state highways, respectively.
6. I offer and move adoption of Drainage Board Resolution No. 1.
7. I move to adjourn this meeting.



CADDELL DRAIN DRAINAGE BOARD

RESOLUTION NO. 1

At a _____ meeting of the Caddell Drain Drainage Board, held at One Public Works Drive, Building 95W, Waterford, Michigan 48328-1907, on March 24, 2026, at 2:00 p.m.:

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____:

WHEREAS, the Oakland County Water Resources Commissioner (“Chairperson”) received petitions from the City of Farmington and the City of Farmington Hills for the construction of improvements to the Caddell Drain, pursuant to Chapter 20 of Public Act 40 of 1956, as amended (“Drain Code”); and

WHEREAS, the Chairperson presented the petitions and the resolutions filed with him and attached hereto as **Exhibit A**; and

WHEREAS, the Chairperson notified all public corporations which may be subject to an assessment, or in which is located any of the areas to be drained as described in the petition, of the filing of the petitions and this meeting.

NOW, THEREFORE, BE IT RESOLVED by the Caddell Drain Drainage Board, as follows:

1. That the Drainage Board has considered the petitions by the City of Farmington and the City of Farmington Hills and hereby tentatively determines the petitions are sufficient, and that the drainage project proposed in said petitions is practicable.

2. That the drainage project petitioned by the City of Farmington and the City of Farmington Hills may, for brevity, be referred to in the proceedings taken from time to time relative thereto as “Caddell Drain Improvement Project.”

3. That the name “Caddell Drain” is continued as the name of the drain to be located, established, and constructed pursuant to the petition and these proceedings.

4. That it is tentatively determined the following public corporations be assessed to pay the cost of said project, to wit:

OAKLAND COUNTY, Michigan for benefits to county roads.

CITY OF FARMINGTON, Oakland County, Michigan for benefits to the public health.

CITY OF FARMINGTON HILLS, Oakland County, Michigan for benefits to the public health.

CITY OF NOVI, Oakland County, Michigan for benefits to the public health.

MICHIGAN DEPARTMENT OF TRANSPORTATION, for benefits to state highways.

5. That the Drainage Board will meet on April 28, 2026, at ___ a.m./p.m. at One Public Works Drive, Building 95W, Waterford, Michigan 48328, for the purposes of hearing any objections to the proposed drain and the petition for the drain, and to the matter of assessing the costs of the drain to the designated public corporations named above.

6. That the notice of said meeting shall be in substantially the same form attached hereto as **Exhibit B**.

7. That said notice shall be published twice in the _____, a newspaper published in Oakland County, with the first publication to be not less than twenty (20) days prior to the time of said hearing.

8. That said notice shall also be sent by the Chairperson to the Oakland County Clerk, to the Oakland County Road Commission, to the City Clerks for the City of Farmington, City of Farmington Hills, and the City of Novi, and to the Director of the Michigan Department of Transportation, which mailings shall not be less than twenty (20) days prior to the time of said hearing.

9. All prior resolutions and parts of prior resolutions insofar as they conflict with the provisions of this resolution are hereby rescinded.

Yeas: _____

Nays: _____

RESOLUTION DECLARED ADOPTED.

I, the undersigned, the duly qualified and acting Chairperson of the Caddell Drain Drainage Board, do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by the Caddell Drain Drainage Board at a meeting held on _____, 20____, and further certify that the above Resolution was adopted at said meeting.

Jim Nash, Chairperson
Caddell Drain Drainage Board

EXHIBIT A

At a regular meeting of the City Council of the City of Farmington Oakland County, Michigan held on July 21, 2025, ~~2020~~

PRESENT: Council Members: _____

Balk, Perkins, Schneemann, Taylor _____

ABSENT: _____

The following resolution was offered by Perkins _____ and seconded by Taylor _____:

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF Farmington OAKLAND COUNTY, MICHIGAN, as follows:

1. That the City of Farmington make and cause to be filed a petition in form substantially as follows:

PETITION

TO THE DRAINAGE BOARD FOR THE
HEREINAFTER MENTIONED OAKLAND
COUNTY, MICHIGAN DRAIN PROJECT

The undersigned public corporation hereby petitions for the location, establishment and construction of an intra-county drain project consisting of improvements to the Cadell Drain by reconstructing, realigning and/or rehabilitating culverts and related channels that serve said Drain, which drain project is necessary for the public health, and will serve property located entirely within the limits of the City of Farmington, the City of Farmington Hills and the City of Novi. The Cadell Drain carries storm water originating in the County of Oakland only.

This petition is filed pursuant to the provisions of Chapter 20 of Act No. 40 of the Public Acts of Michigan of 1956, as amended.

It is understood and agreed that the entire cost of the drain project is to be assessed against public corporations including this petitioner.

A certified copy of the resolution of the governing body of the City of Farmington authorizing execution of this petition is attached hereto.

CITY OF Farmington

By: [Signature]
Mayor

By: [Signature]
Clerk

At a regular meeting of the City Council of the City of Farmington Hills, Oakland County, Michigan held on August 12, 2024.

PRESENT: ALDRED, BRIDGES, BRUCE, DWYER, KNOL, AND RICH

ABSENT: BOLEWARE

The following resolution was offered by Councilmember Knol and seconded by Councilmember Aldred:

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FARMINGTON HILLS, OAKLAND COUNTY, MICHIGAN, as follows:

1. That the City of Farmington Hills make and cause to be filed a petition in form substantially as follows:

2. That the Mayor and City Clerk are authorized and directed to execute the petition for and on behalf of the City of Farmington Hills and to file the same with the Water Resources Commissioner of the County of Oakland.

3. That the City Council hereby consents to the assessment of part of the cost of the drain project, so located, against the City of Farmington Hills and hereby agrees that it will pay its share of all costs incurred by the Oakland County Water Resources Commissioner or by the Drainage District in the event the drain project, for any reason, is not completed.

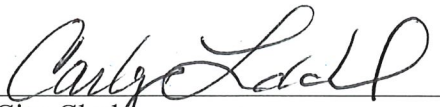
4. That all prior resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution are hereby rescinded.

ADOPTED: Yeas - ALDRED, BRIDGES, BRUCE, DWYER, KNOL, AND RICH

Nays - NONE

STATE OF MICHIGAN)
)SS
COUNTY OF OAKLAND)

I hereby certify that that foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Farmington Hills, Oakland County, Michigan, at a regular meeting held on August 12, 2024, the original of which is on file in my office. I certify further that notice of the meeting was given and such meeting was conducted in accordance with the Open Meetings Act.



City Clerk
City of Farmington Hills

CITY OF FARMINGTON HILLS

CITY CLERK'S OFFICE

*31555 W. 11 Mile Road, Farmington Hills, MI 48336-1165
(248) 871-2410*

R-170-24

RESOLUTION

IT IS RESOLVED, that the City Council of Farmington Hills hereby make and cause to be filed, a petition for improvements to the Caddell Drain crossing at 9 Mile Road and Drake Road.

Motion by: KNOL
Support by: ALDRED

Roll Call Vote:

Yeas: ALDRED, BRIDGES, BRUCE, DWYER, KNOL, AND RICH
Nays: NONE
Absent: BOLEWARE
Abstentions: NONE

MOTION CARRIED 6-0.

I, Carly Lindahl, the duly authorized City Clerk of the City of Farmington Hills, Oakland County, Michigan, do hereby certify that the foregoing is a true copy of a resolution adopted by the City Council of the City of Farmington Hills at the regular City Council meeting held on August 12, 2024.


Carly Lindahl, City Clerk

DATE: August 13, 2024

PETITION

TO THE DRAINAGE BOARD FOR THE
HEREINAFTER MENTIONED OAKLAND
COUNTY, MICHIGAN DRAIN PROJECT

The undersigned public corporation hereby petitions for the location, establishment and construction of an intra-county drain project consisting of improvements to the Caddell Drain by reconstructing, realigning and/or rehabilitating culverts and related channels that serve said Drain, which drain project is necessary for the public health, and will serve property located entirely within the limits of the City of Farmington, the City of Farmington Hills and the City of Novi. The Caddell Drain carries storm water originating in the County of Oakland only.

This petition is filed pursuant to the provisions of Chapter 20 of Act No. 40 of the Public Acts of Michigan of 1956, as amended.

It is understood and agreed that the entire cost of the drain project is to be assessed against public corporations including this petitioner.

A certified copy of the resolution of the governing body of the City of Farmington Hills authorizing execution of this petition is attached hereto.

CITY OF FARMINGTON HILLS

By: 
Mayor

By: 
Clerk

EXHIBIT B



CADDELL DRAIN

NOTICE OF SPECIAL MEETING OF DRAINAGE BOARD

DATE: Tuesday, April 28, 2026
TIME: _____ a.m./p.m.
LOCATION: One Public Works Drive
Building 95W
Waterford, MI 48328-1907
QUESTIONS: (248) 858-0958

PLEASE TAKE NOTICE that pursuant to Chapter 20 of Act 40, Public Acts of Michigan 1956, petitions were filed with the Oakland County Water Resources Commissioner by the Cities of Farmington and Farmington Hills. The City of Farmington and the City of Farmington Hills requested said Water Resources Commissioner to maintain and improve the Caddell Drain.

PLEASE TAKE FURTHER NOTICE that the Drainage Board for the Caddell Drain Drainage District has considered said petitions and made a tentative determination that the petitions are sufficient and that the project is practicable. The Drainage Board has further determined to continue the name "Caddell" as the name of the drain, and has made a tentative determination that the following public corporations should be assessed for the cost of the project as follows:

CITY OF FARMINGTON, Oakland County, Michigan for benefits to the public health; and

CITY OF FARMINGTON HILLS, Oakland County, Michigan for benefits to the public health; and

CITY OF NOVI, Oakland County, Michigan for benefits to the public health; and

OAKLAND COUNTY, Michigan for benefits to county roads; and

MICHIGAN DEPARTMENT OF TRANSPORTATION, for benefits to state highways.

PLEASE TAKE FURTHER NOTICE that the Drainage Board will meet at the above date, time, and location for the purpose of hearing any objections to the proposed drain project and the petitions for the drain, and to the matter of assessing cost of the drain to the designated public corporations named above.

Proceedings conducted at this public meeting will be subject to the provisions of the Michigan Open Meetings Act. Information regarding this meeting may be obtained from the Oakland County Water Resources Commissioner's Office located at One Public Works Drive, Building 95W, Waterford, MI 48328-1907.

Persons with disabilities needing accommodations for effective participation in the meeting should contact the Water Resources Commissioner's Office at (248) 858-0958 (voice) or through the Michigan Relay Center at 7-1-1 (TDD) at least 24 hours in advance of the meeting to request mobility, visual, hearing or other assistance.

Jim Nash
Oakland County Water Resources Commissioner

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
 DRAIN: **CADDELL DRAIN (Construction)**
 DATE: Tuesday, March 24, 2026
 SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17877	NTH	Invoice No. 641446; Professional Services	\$29,996.25			
				Project Total:	\$29,996.25	
				Grand Total:	\$29,996.25	

2. Luz Relief Drains

AGENDA

MEETING OF THE DRAINAGE BOARD FOR THE LUZ RELIEF DRAINS

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Communication – Road Commission for Oakland County’s formal objection to the apportionment of costs
5. Present Proposed Amended Final Order of Apportionment
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$9,844.76
7. Other Business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

The Chairperson announced that this was the time and place set to hear any objections to the apportionment of the cost of the Luz Relief Drains Extension as tentatively adopted by this Drainage Board on December 16, 2025, and as set forth in the notice of this hearing. The Chairperson presented affidavits of the publication and mailing of the notice of this hearing.

The Chairperson inquired if any public corporation to be assessed or any taxpayer thereof desired to object to the tentative apportionment of the cost of the Luz Relief Drains Extension as set forth in the resolution of this Board adopted December 16, 2025, and in the notice of this hearing. There were the following objections or questions: [None].

The Chairperson declared the hearing closed.

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

WHEREAS, the Drainage Board for the Luz Relief Drains Extension, on the 16th day of December, 2025, tentatively established an apportionment of the cost of the Luz Relief Drains Extension, to be borne by the several public corporations, as follows:

Charter Township of Bloomfield Road Commission for Oakland County,	59.1215%
County of Oakland – on account of drainage of county highways	40.8785%

; and

WHEREAS, after due notice the Drainage Board met on the 24th day of February 2026 to hear any objections to the apportionment; and

WHEREAS, the apportionment of the cost of the Luz Relief Drains Extension has been made by taking into consideration the benefits to accrue to each of the public corporations to be assessed and by taking into consideration the extent to which each such public corporation contributes to the conditions which made the Luz Relief Drains Extension necessary;

WHEREAS, this Drainage Board has given due and full consideration to all objections offered thereto; and

WHEREAS, the Luz Relief Drains Extension is necessary for the public health.

NOW, THEREFORE, BE IT RESOLVED BY THE DRAINAGE BOARD FOR THE LUZ RELIEF DRAINS EXTENSION:

1. That the apportionment of cost as above set forth be and the same is fixed and confirmed.
2. That the Chairperson of this Drainage Board is authorized and directed to issue on behalf of the Board its Final Order of Apportionment setting forth the apportionment against the several public corporations as herein fixed and confirmed.
3. That all former resolutions and orders of this Board, insofar as the same may be in conflict with the terms of this resolution, are rescinded.

ADOPTED: Yeas -- 2

Nays -- 0

The Chairperson proceeded to sign the Final Order of Apportionment as directed in the foregoing resolution, and he then presented the order to the Board. The order was dated February 24, 2026.

It was moved by Markham and seconded by Nash that the Final Order of Apportionment In Re Luz Relief Drains Extension, dated February 24, 2026, be approved and filed with the Chairperson.

ADOPTED: Yeas -- 2

Nays -- 0

A Memorandum requesting that the Board accept the final plans and specifications for the Luz Relief Drains Extension and establish the advertising date of February 27, 2026, and the bid opening date of March 27, 2026, was presented. It was moved by Markham, supported by Nash, to accept the final plans and specifications and to approve the advertising and bid opening dates 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 \$4,264.12 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented

ADOPTED: Yeas - 2
Nays - 0

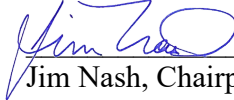
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, 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.


Jim Nash, Chairperson

Dated: February 24, 2026



QUALITY LIFE THROUGH GOOD ROADS:
ROAD COMMISSION FOR OAKLAND COUNTY
"WE CARE."

Board of Road Commissioners

James Eshaki
Commissioner

Tylene L. Henry
Commissioner

Eric D. McPherson
Commissioner

Dennis G. Kolar, P.E.
Managing Director

Gary Plotrowicz, P.E., P.T.O.E.
Deputy Managing Director
County Highway Engineer

Office of General Counsel

Jennifer J. Henderson
General Counsel

Matthew R. Willson
Deputy General Counsel

Jennifer Barker
Assistant General Counsel

31001 Lahser Road
Beverly Hills, MI 48025

248-645-2000

www.rcocweb.org

February 27, 2026

Mr. Jim Nash
Chairperson of the Drainage Board for the
Luz Relief Drains Extension and
Oakland County Water Resources Commissioner
One Public Works Drive
Building 95W
Waterford, MI 48328-1907
Via Certified Mail 9589 0710 5270 1882 1291 14

Re: Luz Relief Drains Extension Apportionment of Cost

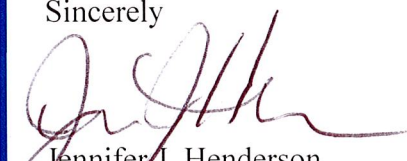
Dear Mr. Nash:

This letter shall serve as the Road Commission for Oakland County (RCOC)'s formal objection to the apportionment of costs for the above referenced project, to wit the Luz Relief Drains Extension.

The proposed apportionment percentage to RCOC is currently 40.8785%. Please provide the specific details and calculations that led the proposed apportionment percentage.

Thank you.

Sincerely



Jennifer J. Henderson
General Counsel

cc (via email): Kelsey Cooke, Chief Legal Officer
Dennis Kolar, Managing Director
Eric McPherson, Chair
Brad Knight, Director, Planning and Environmental Concerns
Tim Becroft, Director, Finance

AMENDED FINAL ORDER OF APPORTIONMENT
IN RE
LUZ RELIEF DRAINS EXTENSION

WHEREAS, pursuant to the provisions of Chapter 20 of Act No. 40, Public Acts of Michigan, 1956, as amended (the “Drain Code”), a petition was filed with the Oakland County Water Resources Commissioner on January 21, 2025, by the Charter Township of Bloomfield, Oakland County, Michigan, petitioning for the location, establishment and construction of an intra-county drain project consisting of extending the Luz Relief Drains by adding a branch to said drain (the “Project”); and

WHEREAS, the necessary proceedings were taken in respect to the petition, including the holding of a hearing on April 22, 2025 for the purpose of receiving any objections to the proposed Project, to the petition therefor and to the matter of assessing the cost to the public corporations designated by this Board; and

WHEREAS, following publication and mailing of notice, in accordance with the Drain Code, a hearing was held on February 24, 2026 for the purpose of receiving any objections to the apportionment of the cost of the Project as was previously tentatively adopted by this Drainage Board on December 16, 2025 and as set forth in the notice of said hearing; and

WHEREAS, following the hearing held on February 24, 2026, and in accordance with a resolution adopted by the Drainage Board for the Project on the same day, the apportionment of the cost of the Project to be borne by the applicable public corporations was confirmed, and the Chairperson of the Drainage Board proceeded to sign a Final Order of Apportionment, dated February 24, 2026 (the “Initial Final Order of Apportionment”); and

WHEREAS, it is determined necessary and desirable to amend the Initial Final Order of Apportionment to clarify the names of the public corporations to be assessed for the Project in accordance with the provisions and definitions of public corporations in the Drain Code, and does not in any way change the apportionments established by the Drainage Board.

NOW, THEREFORE, BE IT ORDERED THAT: The Initial Final Order of Apportionment is amended by substituting the following paragraph for the paragraph constituting the order of the Initial Final Order of Apportionment as follows:

In accordance with a resolution adopted by the Drainage Board for the Luz Relief Drains Extension on the 24th day of February, 2026, the apportionment of the cost of the Luz Relief Drains Extension to be borne by the several public corporations is as follows:

Charter Township of Bloomfield	59.1215%
County of Oakland – on account of drainage of county highways	<u>40.8785%</u>
	100.0000%

DRAINAGE BOARD FOR THE LUZ RELIEF
DRAINS EXTENSION

By _____
Chairperson

Dated and Filed: March __, 2026
4911-0701-8388 v1 [9007-444]

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

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17918	HRC	Invoice No. 0235263; Professional Services	\$9,844.76			
				Project Total:	\$9,844.76	
				Grand Total:	\$9,844.76	

3. Evergreen-Farmington Sanitary Drain

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present the Evergreen-Farmington Sanitary Drain Drainage District – Operational Insurance Renewal Proposal – Effective April 27th, 2026
5. Present Memorandum requesting the Board award the construction of the Grand River Avenue and Middlebelt Sewer Replacement Project to D’Angelo Brothers for \$242,217.00 and approve an increase of \$56,200.00 to Fishbeck engineering services contract for a not-to-exceed cost of \$133,100.00
6. Present Memorandum requesting the Board award the construction of the Inkster Road Sewer Lining Project to DVM Utilities for the amount of \$498,013.00 and approve an increase of \$28,700.00 to the Hubbell, Roth & Clark engineering services contract for a not-to-exceed amount of \$98,600.00
7. Present Construction Estimate No. 7 for Lawrence M. Clarke for construction of the Walnut #2 Pump Station Rehabilitation in the amount of \$411,015.97
8. Present Construction Estimate No. 48 for Walsh Construction Company for the 8 Mile Road CAP, Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$551,681.47
9. Present Construction Estimate No. 3 for Jay Dee Contractors for construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 2 in the amount of \$104,625.00 with a transfer to the Oakland County Treasurer in the amount of \$11,625.00
10. 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 \$565,942.98
11. 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 \$45,484.01
12. Other business
13. Approve pro rata payment to Drainage Board members
14. Adjourn

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

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, 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.

Change Order No. 2 for construction of the Southfield Sewer Lining Project for a net increase in the amount of \$78,751.43 was presented. It was moved by Markham, supported by Nash, to approve Change Order No. 2 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 6 for Lawrence M. Clarke for construction of the Walnut #2 Pump Station Rehabilitation in the amount of \$361,833.79 with a transfer to the Oakland County Treasurer in the amount of \$19,574.40 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 6 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 14 for SAK Construction for design and construction of the Southfield Sewer Lining Project in the amount of \$245,184.44 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 14 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 47 for Walsh Construction Company for the 8 Mile Road CAP, Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$564,509.88 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 47 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 2 for Jay Dee Contractors for construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 2 in the amount of \$76,500.00 with a transfer to the Oakland County Treasurer in the amount of \$8,500.00 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 2 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 \$903,128.00 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund 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 \$88,838.03 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

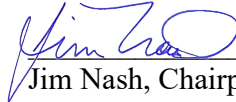
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, 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.



Jim Nash, Chairperson

Dated: February 24, 2026



Proposal of Insurance

Evergreen-Farmington Sanitary Drain Drainage District

One Public Works Drive Building 95 West,
Waterford, MI 48328

Policy Period: April 27th, 2026 to April 27th, 2027

Presentation Date: March 24, 2026

Arthur J Gallagher Risk Management Services, LLC
AJG License Nos. IL 100292093 / CA 0D69293



Gallagher

Insurance | Risk Management | Consulting

Evergreen-Farmington Sanitary Drain Drainage District

Premium Summary

The estimated program cost for the options are outlined in the following table:

Line of Coverage		Expiring	Renewal Option
		ACE American Ins. Co.	ACE American Ins. Co.
Property	Premium	\$304,987.00	\$296,117.00
	Estimated Cost*	\$304,987.00	\$296,117.00
	Change (\$)		-\$8,870.00
	Change (%)		-2.9%
		LM Insurance Corporation	LM Insurance Corporation
General Liability & Public Officials Liability	Premium	\$96,808.00	\$102,917.00
	Estimated Cost*	\$96,808.00	\$102,917.00
	Change (\$)		\$6,109.00
	Change (%)		6.3%
		LM Insurance Corporation	LM Insurance Corporation
\$10M X Primary Excess Liability	Premium	\$66,673.00	\$76,741.00
	Estimated Cost*	\$66,673.00	\$76,741.00
	Change (\$)		\$10,068.00
	Change (%)		15%
		Accredited Specialty Ins. Co.	LM Insurance Corporation
\$5M X \$10M Excess Liability	Premium	\$102,773.68	\$61,425.00
	Estimated Cost*	\$102,773.68	\$61,425.00
	Change (\$)		-\$41,348.68
	Change (%)		-40.23%
		StarStone Specialty Ins. Co.	Accredited Specialty Ins. Co.
\$5M X \$15M Excess Liability	Premium	\$70,212.50	\$53,096.03
	Estimated Cost*	\$70,212.50	\$53,096.03
	Change (\$)		-\$17,116.47
	Change (%)		-24.37%
		Vantage Risk Specialty Ins Co.	StarStone Specialty Ins. Co.
\$5M X \$20M Excess Liability	Premium	\$73,800.00	\$52,275.00
	Estimated Cost*	\$73,800.00	\$52,275.00
	Change (\$)		-\$21,525.00
	Change (%)		-29.16%
		Great American Assurance Co.	Great American Assurance Co.
\$5M X \$25M Excess Liability	Premium	\$54,200.00	\$57,200.00
	Estimated Cost*	\$54,200.00	\$57,200.00
	Change (\$)		\$3,000.00
	Change (%)		5.5%
		ACE American Ins. Co.	ACE American Ins. Co.
Pollution Liability	Premium	\$94,319.00	\$95,652.00
	Estimated Cost*	\$94,319.00	\$95,652.00
	Change (\$)		\$1,333.00
	Change (%)		1.4%
Total Cost [1]		\$848,998.43	\$795,423.03

[1] This renewal, total cost is decreasing by \$53,575.40 or 6.31% from the expiring term.

*Estimated Cost includes all taxes, fees, surcharges and TRIA premium (if applicable)

Evergreen-Farmington Sanitary Drain Drainage District

Coverage Highlights

Property

	Recommended Quote
Policy Term	04/27/2026– 04/27/2027
Carrier Name	ACE American Insurance Company
Payment Plan	Agency Bill / Paid in Full
Premium & Exposures	
Property Premium	\$282,016.00
Terrorism – TRIA (Additional)	\$14,101.00
Estimated Cost	\$296,117.00
Exposure / Total Insurable Value as of 1/16/2025	\$1,867,657,029
Minimum Type	Minimum Earned Premium
Minimum Amount	\$74,029.00
Valuation	Replacement Cost
Coinsurance	Coinsurance: None
Perils Covered	Special
Core Property Coverage	
Occurrence Limit Of Insurance	\$50,000,000 (100%) Part Of \$50,000,000 Per Occurrence
Debris Removal	25% of the insured physical loss, or \$5,000,000 whichever is less
Extra Expenses	\$1,000,000
Expediting Expenses	\$1,000,000
Claim Preparation Expenses	\$50,000
Protection Service Charges	\$100,000
Accounts Receivable	\$1,000,000
Errors or Omissions	\$5,000,000
Insured Property in Transit	\$1,000,000
Valuable Papers and Records	\$1,000,000
Demolition & Increased Cost of Construction	\$10,000,000
Annual Aggregate Sub-Limits Of Insurance	
<ul style="list-style-type: none"> Earth Movement 	\$50,000,000 Per Occurrence \$50,000,000 Annual Aggregate
<ul style="list-style-type: none"> Flood 	\$10,000,000 Per Occurrence \$10,000,000 Annual Aggregate
<ul style="list-style-type: none"> Named Windstorm 	\$50,000,000 Per Occurrence \$50,000,000 Annual Aggregate
<ul style="list-style-type: none"> Pollution Or Contamination Clean-Up 	\$100,000 Per Occurrence \$100,000 Annual Aggregate
Property Deductibles	
Direct Physical Loss Or Damage In Any One Occurrence Except;	\$3,000,000
Loss Or Damage In Any One Occurrence Caused By Or Resulting From Earth Movement	\$3,000,000
Loss Or Damage In Any One Occurrence Caused By Or Resulting From Flood	\$3,000,000
Loss Or Damage In Any One Occurrence Caused By Or Resulting From Named Windstorm	\$3,000,000
Exclusions including but not limited to:	
Nuclear, Biological, Chemical, Radiological Exclusion Fungus, Wet Rot, Dry Rot, and Bacteria Exclusion Exclusion of Loss Due to Virus, Bacteria, or Microorganism that includes Physical Distress, Illness, or Disease	



Evergreen-Farmington Sanitary Drain Drainage District

General Liability & Public Officials Liability

	Recommended Quote
Policy Term	04/27/2026 - 04/27/2027
Carrier Information	LM Insurance Corporation
Payment Plan	Agency Bill – Pay in Full
Premium & Exposures	
General Liability & Public Officials Premium	\$102,917.00
Terrorism - TRIA (Additional)	Included Above
Estimated Cost	\$102,917.00
Auditable /Frequency	Yes / Annually
Exposure	Miles of Pipe: 166
Minimum Type	Deposit Amount
Minimum Amount	\$25,729.25
General Liability Coverages	
General Aggregate Limit	\$2,000,000
Products/ Completed Operations Limit	\$2,000,000
Personal and Advertising Injury Limit	\$1,000,000
Each Occurrence Limit	\$1,000,000
Damage to Premises Rented to You (or any premises)	\$100,000
Form Type	Occurrence
Public Officials Liability Coverages	
Public Officials Liability – Each Wrongful Act	\$1,000,000
Public Officials Liability – Aggregate Limit	\$1,000,000
Form Type	Occurrence
Endorsements & Exclusions, including but not limited to:	
Please see attached General Liability and Public Officials Liability Endorsements & Exclusions Form Lists.	
General Liability Retention	
Self-Insured Retention	\$250,000
Defense Cost	
Public Officials Liability – Inside the Limit	
General Liability – Outside Policy Limit	
Other Significant Terms and Conditions / Restrictions	
Claims Administration – Self Administered	
Subjectivities	
N/A	



Evergreen-Farmington Sanitary Drain Drainage District

\$15M X Primary Excess Liability

	Recommended Quote
Policy Term	04/27/2026 - 04/27/2027
Carrier Information	Liberty Insurance Corporation
Payment Plan	Agency Bill / Paid in Full
Premium & Exposures	
Umbrella Premium	\$138,166.00
Terrorism -TRIA (Included)	Included
Estimated Cost	\$138,166.00
Exposure	Miles 166
Auditable / Frequency	Yes / Annually
Minimum Type	Deposit Amount
Minimum Amount	\$34,541.50
Core Umbrella Coverages	
Policy Layer	Primary
Each Occurrence	\$15,000,000
General Aggregate	\$15,000,000
Products - Completed Operations Aggregate	\$15,000,000
Crisis Management Expense Aggregate	\$250,000
Form Type	Occurrence
Underlying Coverages	
General Liability	Carrier: LM Insurance Corporation
• Each Occurrence	\$1,000,000
• General Aggregate	\$2,000,000
• Products/Completed Operations Aggregate	\$2,000,000
• Personal & Advertising Injury Limit	\$1,000,000
• Occurrence	
Public Officials Liability	Carrier: Liberty Mutual
• Each Wrongful Act	\$1,000,000
• Aggregate	\$1,000,000
• Occurrence	
Endorsements including but not limited to:	
Please see attached \$10M X Primary Excess Liability Endorsements & Exclusions Form Lists.	
Exclusions including but not limited to:	
Please see attached \$10M X Primary Excess Liability Endorsements & Exclusions Form Lists.	
Umbrella Retention	
Self-Insured Retention - Each Occurrence	\$0

Evergreen-Farmington Sanitary Drain Drainage District

\$5M X \$15M Excess Liability

	Recommended Quote
Policy Term	04/27/2026– 04/27/2027
Carrier Information	Accredited Specialty Insurance Company
Payment Plan	Agency Bill / Paid in Full
Premium & Exposures	
Excess Liability (Public Entity) Premium	\$50,615.00
Terrorism -TRIA (Additional)	\$1,186.00
Surplus Lines Tax	\$1,041.95
Regulatory Fee	\$253.08
Estimated Cost	\$53,096.03
Exposure	Miles of Pipe: 166
Auditable	No
Minimum Type	Minimum Earned Premium
Minimum Amount	25.00%
Core Excess Liability Coverages	
Policy Layer	3 rd Layer of Excess Liability Coverage
Per Occurrence	\$5,000,000
Aggregate Limit, where applicable	\$5,000,000
Form Type	Occurrence
Underlying Coverages	
Excess Liability	Carrier: Liberty Insurance Corporation
• Each Occurrence	\$15,000,000
• General Aggregate	\$15,000,000
• Products/Completed Operations Aggregate	\$15,000,000
• Occurrence	
Public Officials Professional Liability	LM Insurance Corporation
• Each Wrongful Act Limit	\$1,000,000
• Aggregate Limit	\$1,000,000
• Occurrence	
General Liability	LM Insurance Corporation
• General Aggregate Limit	\$2,000,000
• Products/Completed Operations Limit	\$2,000,000
• Each Occurrence	\$1,000,000
• Occurrence	
Endorsements including but not limited to:	
Significant policy endorsements include, but are not limited to, those listed on the attached quote/policy form/endorsements.	
Exclusions including but not limited to:	
Significant policy exclusions include, but are not limited to, those listed on the attached quote/policy form/endorsements.	
Excess Liability (Public Entity) Deductible / Retention	
Self-Insured Retention	\$0
Binding Requirements	
Subject To	
• Completed And Signed TRIA Acceptance Or Rejection Form.	

Evergreen-Farmington Sanitary Drain Drainage District

\$5M X \$20M Excess Liability

	Recommended Quote
Policy Term	04/27/2026 – 04/27/2027
Carrier Information	StarStone Specialty Insurance Company
Payment Plan	Agency Bill / Paid in Full
Premium & Exposures	
Excess Liability Premium	\$50,000.00
Terrorism -TRIA (Additional)	\$1,000.00
Surplus Lines Tax	\$1,025.00
Regulatory Fee	\$250.00
Estimated Cost	\$52,275.00
Exposure	Miles of Pipe: 166
Auditable	No
Minimum Type	Minimum Earned Premium
Minimum Amount	100%
Core Excess Liability Coverages	
Policy Layer	4 th Layer of Excess Liability Coverage
Per Occurrence	\$5,000,000
Aggregate Limit, where applicable	\$5,000,000
Form Type	Occurrence
Underlying Coverages	
Excess Liability	Carrier: Accredited Specialty Insurance Company
Each Occurrence Limit	\$5,000,000
Aggregate Limit (Where Applicable)	\$5,000,000
Occurrence	
Excess Liability	Carrier: Liberty Insurance Corporation
• Each Occurrence	\$15,000,000
• General Aggregate	\$15,000,000
• Products/Completed Operations Aggregate	\$15,000,000
• Occurrence	
Public Officials Professional Liability	LM Insurance Corporation
• Each Wrongful Act Limit	\$1,000,000
• Aggregate Limit	\$1,000,000
• Occurrence	
General Liability	LM Insurance Corporation
• General Aggregate Limit	\$2,000,000
• Products/Completed Operations Limit	\$2,000,000
• Each Occurrence	\$1,000,000
• Occurrence	
Endorsements including but not limited to:	
Significant policy endorsements include, but are not limited to, those listed on the attached quote/policy form/endorsements.	
Exclusions including but not limited to:	
Significant policy exclusions include, but are not limited to, those listed on the attached quote/policy form/endorsements.	
Excess Liability (Public Entity) Deductible / Retention	
Self-Insured Retention	\$0
Binding Requirements	
Subject To	
• Completed And Signed TRIA Acceptance Or Rejection Form.	

Evergreen-Farmington Sanitary Drain Drainage District

\$5M X \$25M Excess Liability

	Recommended Quote
Policy Term	04/27/2026 – 04/27/2027
Carrier Information	Great American Assurance Company
Payment Plan	Agency Bill / Paid in Full
Premium & Exposures	
Excess Liability (Public Entity) Premium	\$57,200.00
Terrorism -TRIA (Additional)	Included Above
Estimated Cost	\$57,200.00
Exposure	Miles of Pipe: 166
Auditable	No
Minimum Type	Minimum Earned Premium
Minimum Amount	25.00%
Core Excess Liability Coverages	
Policy Layer	5 th Layer of Excess Liability Coverage
Per Occurrence	\$5,000,000
Aggregate Limit, where applicable	\$5,000,000
Form Type	Occurrence
Underlying Coverages	
Excess Liability	Carrier: StarStone Specialty Insurance Company
Each Occurrence Limit	\$5,000,000
Aggregate Limit (Where Applicable)	\$5,000,000
Occurrence	
Excess Liability	Carrier: Accredited Specialty Insurance Company
Each Occurrence Limit	\$5,000,000
Aggregate Limit (Where Applicable)	\$5,000,000
Occurrence	
Excess Liability	Carrier: Liberty Insurance Corporation
• Each Occurrence	\$15,000,000
• General Aggregate	\$15,000,000
• Products/Completed Operations Aggregate	\$15,000,000
• Occurrence	
Public Officials Professional Liability	LM Insurance Corporation
• Each Wrongful Act Limit	\$1,000,000
• Aggregate Limit	\$1,000,000
• Occurrence	
General Liability	LM Insurance Corporation
• General Aggregate Limit	\$2,000,000
• Products/Completed Operations Limit	\$2,000,000
• Each Occurrence	\$1,000,000
• Occurrence	
Endorsements including but not limited to:	
Significant policy endorsements include, but are not limited to, those listed on the attached quote/policy form/endorsements.	
Exclusions including but not limited to:	
Significant policy exclusions include, but are not limited to, those listed on the attached quote/policy form/endorsements.	
Excess Liability (Public Entity) Deductible / Retention	
Self-Insured Retention	\$0

Evergreen-Farmington Sanitary Drain Drainage District

Premises Pollution Liability

	Recommended Quote
Policy Term	04/27/2026 – 04/27/2027
Carrier Information	ACE American Insurance Company
Payment Plan	Agency Bill / Pay in Full
Premium & Exposures	
Pollution Liability Premium	\$91,097.00
Terrorism - TRIA (Additional)	\$4,555.00
Estimated Cost	\$95,652.00
Auditable / Frequency	Non-Auditable
Minimum Type	Minimum Earned Premium
Minimum Amount	100%
Form: Environmental Site Liability	
Limit Of Liability – Per Occurrence	\$10,000,000 Per Pollution Condition or Indoor Environmental Condition
Limit of Liability – Aggregate	\$10,000,000
Form Type	Claims-Made and Reported.
Retroactive Date	Premises Pollution Condition Liability:04/27/2021 Premises Pollution Condition First-Party Claims: 04/27/2021 Transportation Liability: 04/27/2021 Non-Owned Disposal Sites Liability:04/27/2021
Claims Made Disclaimer	Should you elect to change carriers (if a new retroactive date is provided) or non-renew this policy, a supplemental extended reporting endorsement may be available subject to policy terms and conditions. You must request the extended reporting period in writing to the carrier within ([90]) days of the expiration date. The cost of this extended reporting period is [100]% of the annual premium and is fully earned. The extended reporting period extends only to those claims made during the extended reporting period for wrongful acts that occurred prior to the expiration date and would have been covered by the policy. Claims must be reported to the carrier within ([12]) Months of the end of the policy period. The extended reporting period does not increase the limits of liability and is subject to all policy terms, conditions and exclusions
Endorsements & Exclusions, including but not limited to:	
<ul style="list-style-type: none"> • Business Interruption Coverage Limitations Endorsement • Communicable, Infectious, or Contagious Diseases Exclusion • Indoor Environmental Conditions Limitations Endorsement • Maintenance, Upgrades, Improvements, or Installations Exclusionary Endorsement 	
Environmental Liability Retention	
Self-Insured Retention	\$250,000 Per Pollution Condition or Indoor Environmental Condition
Defense Cost	
Defense Cost Within the Limit Of Liability	
Binding Requirements	
Subject To	
Completed, signed and dated Chubb Environmental application	
Signed and dated attached TRIA disclosure form, but only if rejecting TRIA coverage	

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

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

FROM: Philip Kerby P.E., Operations Engineer

SUBJECT: Sanitary Sewer Rehabilitation
Grand River Avenue and Middlebelt Road, Farmington Hills

DATE: March 24, 2026

A Segment of sanitary sewer in the Evergreen-Farmington Sanitary Drain Drainage District has been identified as in need of replacement. The sewer is a 10-inch reinforced concrete pipe at the intersection of Grand River Avenue and Middlebelt Road in the City of Farmington Hills.

This segment of sewer was constructed in 1962 and rehabilitated in 2008. Recent inspection videos of this segment show a significant sag approximately 70 feet in length. This sag causes grease to build up in the sewer, requiring heavy cleaning on a quarterly basis.

Fishbeck, Inc. was awarded a design services contract at the Board's February 25, 2025 meeting. Design was completed by Fishbeck, and bids were solicited from qualified contractors in February 2026. Staff is recommending a contract be awarded the lowest bidder, D'Angelo Brothers Inc., for \$242,217. Accompanying this memorandum is the bid tabulation, the engineers' estimate, and Fishbeck's recommendation.

At the February 25, 2025 meeting of this Board, Fishbeck was awarded a contract not to exceed \$76,900 for design services. Fishbeck was asked to provide a proposal for an expanded scope of services for construction administration. The attached proposal from Fishbeck, dated March 11, 2026, provides the details of that expanded scope of services. The proposal requests an additional \$56,200 for a total not-to-exceed amount of \$133,100 for engineering services.

The following is a breakdown of the estimated expenses for the construction phase of this project:

Project Construction:	\$ 242,217.00
Construction Administration Services:	\$ 81,200.00
Design Services Revision:	(\$ 25,000.00)
WRC Project Administration:	<u>\$ 10,000.00</u>
Total:	\$ 308,417.00

REQUESTED ACTION: Award the construction of the Grand River Avenue and Middlebelt Sewer Replacement Project to D'Angelo Brothers Inc., for \$242,217 and approve an increase of \$56,200 to Fishbeck, Inc. engineering services contract for a not-to-exceed cost of \$133,100.

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**
MEMORANDUM

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

FROM: Philip Kerby P.E., Operations Engineer

SUBJECT: Sanitary Sewer Rehabilitation
Inkster Road and Walnut Lake Road, Bloomfield Township

DATE: March 24, 2026

Some segments of sanitary sewer in the Evergreen-Farmington Sanitary Drain have been identified as in need of rehabilitation. The sewer lines are 15-inch and 21-inch reinforced concrete pipes located at the intersection of Walnut Lake Road and Inkster Road, in Bloomfield Township.

The segments of sewer were constructed in 1966 as a part of the Walnut Lake Arm. Recent inspection videos of the segments show a sag approximately 30 feet in length as well as deteriorating pipe wall.

Hubbell, Roth & Clark, Inc. (HRC), was awarded a design services contract at the Board's March 25, 2025 meeting. Design was completed by HRC and bids were solicited from qualified contractors in February 2026. Staff is recommending a contract be awarded to the lowest bidder DVM Utilities Inc., for \$498,013.00. Accompanying this memorandum is the bid tabulation, the engineers' estimate, and HRC's recommendation.

At the March 25, 2025 meeting of this Board, HRC was awarded a contract not to exceed \$69,900 for design services. At the same time, HRC was asked to provide a proposal for an expanded scope of services for construction administration. The attached proposal from HRC, dated March 10, 2026, provides the details of that expanded scope of services. The proposal requests an additional \$28,700 for a total not-to-exceed amount of \$98,600 for engineering services.

The following is a breakdown of the estimated expenses for the construction phase of this project:

Project Construction:	\$ 498,013.00
Construction Administration Services:	\$ 28,700.00
WRC Project Administration:	<u>\$ 10,000.00</u>
Total:	\$ 536,713.00

RECOMMENDED ACTION: Award the construction of the Inkster Road Sewer Lining Project to DVM Utilities Inc., for the amount of \$498,013 and approve an increase of \$28,700 to the Hubbell, Roth & Clark, Inc. engineering services contract for a not-to-exceed amount of \$98,600.

**Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For Construction of the Walnut #2 Pump Station Rehabilitation
Southfield
Oakland County, Michigan**

Construction Estimate No. 7 ✓

February 6, 2026 to March 10, 2026 ✓

Department No. : 6010101
Fund No. : FND82410
Project No. : PRJ-17458

Account No. : 730352
Program No. : 149667
Activity : FAC
Vendor No. : 16424
Contract No. : CON11370
Date of Contract : 1/15/2025
Completion Date : 6/15/2026

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

Original Contract Amount: \$1,858,100.00 ✓

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$1,858,100.00 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7) \$1,525,730.20

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

Gross Estimate: (Work in Place) 82.11% \$1,525,730.20

Less Amount Reserved: (5% of Adjusted Contract Amount) \$92,905.00

Total Amount Allowed To Date: \$1,432,825.20

Less Previous Estimates: \$1,021,809.23 ✓

Net Payment Request To Be Paid To Contractor: \$411,015.97

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$332,369.80 ✓ Accounting Auditor: *LJB* 3/16/26

Less Previous Transfers To Reserve: \$92,905.00 ✓

Amount of Current Transfer: \$0.00

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

Date: 03/16/26

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

Date: 03/16.2026

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

Date: 3/16/2026

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

**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. 48 ✓

February 1, 2026 to Feb 28, 2026 ✓

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

Account No. : 730352
 Program No. : PRG149015
 Activity : FAC
 Vendor No. : 23191
 Contract No. : 9323
 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
<u>Adjusted Contract Amount:</u>	<u>\$50,512,444.14 ✓</u>
Subtotal To Date: (Sheet 2 of 3 Column 7)	\$40,622,706.14
Less Deductions to Date: (Sheet 2 of 3 Column 7)	\$0.00
Gross Estimate: (Work in Place) 80.42%	\$40,622,706.14
Less Amount Reserved: (Negotiated Lump Sum Amount)	\$2,000,000.00
Total Amount Allowed To Date:	\$38,622,706.14
Less Previous Estimates:	\$38,071,024.67 ✓
Net Payment Request To Be Paid To Contractor:	\$551,681.47
Reserve Payment to Contractor	\$0.00
<u>Balance of Contract To Date</u> \$9,889,738.00 ✓	<u>Accounting Auditor: <i>LJB</i> 3/12/2026</u>
Less Previous Transfers To Reserve:	\$2,000,000.00 ✓
<u>Amount of Current Transfer:</u>	<u>\$0.00</u>

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

Date: 3/6/2026

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

Date: 3/10/2026

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

Date: 3/11/2026

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

Date: 3/13/2026

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Approved by Board on: _____

**Jim Nash, Oakland County Water Resources Commissioner
 Evergreen-Farmington Sanitary Drainage District Name
 For Construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 2
 Southfield, Michigan
 Oakland County, Michigan**

Construction Estimate No. 3 ✓

February 14, 2026 to February 28, 2026 ✓

Department No.: CCN6010101
 Fund No.: FND84410
 Project No.: PRJ-17449
 Purchase Order No. : PO00101115

Account No.: SC730352
 Program No.: PRG149015
 Activity: FAC_ACQ

Contractor:
 Jay Dee Contractors, Inc.
 38881 Schoolcraft Road
 Livonia, MI 48150

Contract No. : CON00011738
 Date of Contract: 11/4/2025
 Completion Date: 6/27/2027

Original Contract Amount: \$10,646,000.00 ✓

Previous Change Order Numbers (none): \$0.00

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$10,646,000.00 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7) \$376,250.00

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

Gross Estimate: (Work in Place) 3.53% \$376,250.00

Less Amount Reserved: (10% of Gross Estimate) \$37,625.00

Total Amount Allowed To Date: \$338,625.00

Less Previous Estimates: \$234,000.00 ✓

Net Payment Request To Be Paid To Contractor: \$104,625.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$10,269,750.00 ✓ Accounting Auditor: *LJB* 3/12/2026

Previous Transfers To Reserve: \$26,000.00 ✓

Amount of Current Transfer: \$11,625.00

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

Date: 3/12/2026

Recommended by: _____
 Nicholas Bassett, P.E. - Consulting Engineer

Date: _____

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

Date: _____

Approved by Board on: _____

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
 DRAIN: **EVERGREEN-FARMINGTON SANITARY DRAIN (Maintenance)**

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17555	DLZ	Invoice No. 000406115; Professional Services	\$6,491.66			
			Project Total:	\$6,491.66		
17554	DLZ	Invoice No. 000406113; Professional Services	\$1,771.56			
			Project Total:	\$1,771.56		
17458	DLZ	Invoice No. 000406116; Professional Services	\$8,332.50			
			Project Total:	\$8,332.50		
17960	Fishbeck	Invoice No. 000000462035; Professional Services	\$4,800.00			
			Project Total:	\$4,800.00		
17579	Fishbeck	Invoice No. 000000462036; Professional Services	\$6,001.50			
			Project Total:	\$6,001.50		
17580	Fishbeck	Invoice No. 000000462036; Professional Services	\$1,051.00			
			Project Total:	\$1,051.00		
18037	Mersino	Invoice No. 147327; Emergency Bypass Hooper Blvd Reconstruction	\$201,275.46			
			Project Total:	\$201,275.46		
17581	OHM	Invoice No. 96083; Professional Services	\$6,878.00			
			Project Total:	\$6,878.00		
17455	Fishbeck	Invoice No. 000000462841; Professional Services	\$3,620.70			TBP
			Project Total:	\$3,620.70		
N/A	Michigan CAT	Invoice No. SD18353650; PM2 Service & Inspection Due	\$1,811.20			
	ADS Environmental Services	Invoice No. 35801-1125-A; Products & Services	\$51,275.00			
	ADS Environmental Services	Invoice No. 35801-1125-K; Products & Services	\$4,725.00			
	ADS Environmental Services	Invoice No. 35801-1225-A; Products & Services	\$51,275.00			
	ADS Environmental Services	Invoice No. 35801-1225-K; Products & Services	\$4,725.00			
	ADS Environmental Services	Invoice No. 35801-1025-A; Products & Services	\$51,275.00			
	D'Angelo Brothers, Inc.	Invoice No. 1122-101; Sewer Repair	\$41,587.24			
	Duke's	Invoice No. 38392; Clean & TV	\$29,430.00			

Duke's	Invoice No. 38393; Clean & TV	\$15,957.50
Duke's	Invoice No. 37844; Clean & TV	\$27,000.00
Duke's	Invoice No. 39753; Clean & TV	\$5,215.00
Duke's	Invoice No. 40018; Clean & TV	\$13,037.50
Kotz Sangster	Invoice No. 630336; Legal Services	\$9,299.65
Kotz Sangster	Invoice No. 631241; Legal Services	\$6,560.76
Michigan CAT	Invoice No. SD18373703; PM2 Service & Inspection Due	\$1,810.06
Michigan CAT	Invoice No. SD18373770; PM2 Service & Inspection Due	\$1,166.44
OHM	Invoice No. 98597; Professional Services	\$5,910.25
ADS Environmental Services	Invoice No. 35801-1225-I; Products & Services	\$1,830.00
ADS Environmental Services	Invoice No. 35801-1125-I; Products & Services	\$1,830.00

Total: \$325,720.60

Grand Total: \$565,942.98

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **EVERGREEN-FARMINGTON SANITARY DRAIN (Construction)**

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17452	Fishbeck	Invoice No. 000000462037; Professional Services	\$18,922.03			
	NTH	Invoice No. 641404; Professional Services	\$4,622.25			
	PMA Consultants	Invoice No. 04582.00-1.0-34; Professional Services	\$2,328.00			
				Project Total:	\$25,872.28	
17449	FK Engineering	Invoice No. 24-162-012; Services, Expenses, Monitoring & Testing	\$14,860.65			
	HRC	Invoice No. 0235273; Professional Services	\$4,751.08			
				Project Total:	\$19,611.73	
				Grand Total:	\$45,484.01	

4. Acacia Park CSO Drain

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
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 \$83,924.28
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**

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$48,333.17 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

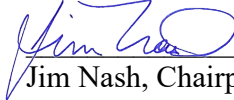
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: February 24, 2026

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

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17794	Detroit Pump CSM Mechanical	Invoice No. CD99260425; Verder Pump Pkg Invoice No. 6774; March Billing-Hoses	\$61,509.00 \$9,096.00			
				Project Total:	\$70,605.00	
17647	Sigma Associates, Inc.	Invoice No. 653.000-0011018; Professional Services	\$1,241.28			
				Project Total:	\$1,241.28	
17646	CSM Mechanical	Invoice No. 6774; March Billing-Comet Contracting	\$12,078.00			
				Project Total:	\$12,078.00	
				Grand Total:	\$83,924.28	

5. Birmingham CSO Drain

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
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 \$125,252.50
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**

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$38,475.68 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

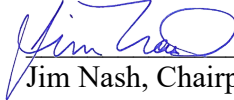
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: February 24, 2026

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

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17795	Detroit Pump	Invoice No. CD99260425; Verder Pump Pkg	\$61,509.00			
	Fishbeck	Invoice No. 000000462038; Professional Services	\$2,747.00			
	CSM Mechanical	Invoice No. 6773; March Billing-Hoses, Materials & Labor	\$22,975.00			
				Project Total:		
				\$87,231.00		
17648	CSM Mechanical	Invoice No. 6773; March Billing-Comet Contracting	\$38,021.50			
				Project Total:		
				\$38,021.50		
				Grand Total:		
				\$125,252.50		

6. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present Change Order No. 6 for Pipeline Management for the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection Project for a net decrease in the amount of \$5,643.00
5. Present Construction Estimate No. 3 for construction of the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection in the amount of \$149,345.90 with a transfer to the Oakland County Treasurer in the amount of \$19,641.10
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$43,213.31
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, 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.

Change Order No. 5 for Pipeline Management for the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection Project for a net increase in the amount of \$86,670.00 was presented. It was moved by Markham, supported by Nash, to approve Change Order No. 5 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 \$196,107.17 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

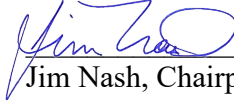
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: February 24, 2026

CHANGE ORDER

CHANGE ORDER NO. 6

**Jim Nash, Oakland County Water Resources Commissioner
 Bloomfield Village CSO Drain
 For the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection Project
 Bloomfield Township, MI
 Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 601010
 Fund No. : 82730
 Project No. : PRJ-17872

Account No. : 73073
 Program No. : 149127
 Project Activity : FAC

Contractor :
 Pipeline Management Company, LLC
 2673 E. Maple Rd.
 Milford, MI 48381

Contract No. : 11627
 Date of Contract: May 14, 2025
 Completion Date: October 21, 2025
 Revised Completion Date: April 28, 2026

Auth No.	Location-Description-Reason	Unit Used	Authorized Quantity	Final Qty	Unit Price	Amount Increase	Amount Decrease	
	LOCATION: Bloomfield Village CSO Drainage District South of Maple Road							
	<u>DESCRIPTION</u>							
A	CHANGE - ADD							
A-1	Permit Fee Allowance	DLR	(200)	0	\$1.00	---	(\$200.00)	
A-2	Clean & Televis, PACP Reporting, 24" Combined Sewer (Bid Item #4)	LF	(508.6)	0	\$5.00	---	(\$2,543.00)	
A-3	Clean & Televis, PACP Reporting, 27" Combined Sewer (Bid Item #5)	LF	138	0	\$5.00	\$690.00	---	
A-4	Clean & Televis, PACP Reporting, 30" Combined Sewer (Bid Item #6)	LF	3,064	0	\$5.00	\$15,320.00	---	
A-5	Clean & Televis, PACP Reporting, 36" Combined Sewer (Bid Item #8)	LF	(187)	0	\$5.00	---	(\$935.00)	
A-6	Clean & Televis, PACP Reporting, 54" Combined Sewer (Change Order #3: A-8 and Change Order #4: A-8)	LF	(41)	0	\$5.00	---	(\$205.00)	
A-7	Clean & Televis, PACP Reporting, 60" Combined Sewer (Bid Item #10)	LF	45	0	\$5.00	\$225.00	---	
A-8	Clean & Televis, PACP Reporting, 66" Combined Sewer (Change Order #4: A-10)	LF	2	0	\$5.00	\$10.00	---	
A-9	Locate and Expose Manhole, As Required (Bid Item #13)	EA	(20)	0	\$1.00	(\$20.00)	---	
A-10	Heavy Cleaning, As Required (Change Order #1: A-1)	HR	(33)	0	\$545.00	---	(\$17,985.00)	
	REASON: Balancing of Authorized Bid Quantity and As-built Constructed for Change Order #3 and Change Order #4.							
						Subtotal	\$16,225.00	(\$21,868.00)
						Net Decrease		(\$5,643.00)

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER NO. 6

Jim Nash, Oakland County Water Resources Commissioner
Bloomfield Village CSO Drain
For the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection Project
Bloomfield Township, MI
Oakland County, Michigan

Prepared by: George P. Nichols Date: 03/18/26
George P. Nichols, P.E., Assistant Chief Engineer

Recommended by: Christopher N. Ross Date: 3/19/26
Christopher N. Ross, P.E., Hubbell, Roth & Clark
Digitally signed by Christopher N. Ross
DN: C=US, E=cross@hrcengr.com, O="Hubbell, Roth &
Clark, Inc.", CN=Christopher N. Ross
Date: 2026.03.19 07:27:17-04'00'

Approved by: _____ Date: _____
Evangelos Bantios, 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: Dave Lusky Digitally signed by Dave Lusky
Name: Title: _____ Date: 2026.03.17 10:40:15
Pipeline Management Company, LLC -04'00'

Approved by: _____ Date: _____
Gary Nigro, P.E. Manager

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

This Change Order was approved by the Drainage Board on: _____

CHANGE ORDER

CHANGE ORDER NO. 6

Jim Nash, Oakland County Water Resources Commissioner
Bloomfield Village CSO Drain
For the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection Project
Bloomfield Township, MI
Oakland County, Michigan

Notice to Proceed Date:	Friday, June 6, 2025
Revised Contract Substantial Completion Date:	Tuesday, March 31, 2026
Revised Contract Final Completion Date:	Tuesday, April 28, 2026
Original Contract Value:	\$ 124,716.00
Previous C.O. Values:	\$ 273,749.00
Change Order No. 6 Value	\$ (5,643.00)
Adjusted Contract Value	\$ 392,822.00

Jim Nash, Oakland County Water Resources Commissioner
Bloomfield Village CSO Drain
For Construction of the 2025 Bloomfield Village CSO Sewer Cleaning and Inspection
Bloomfield Township, MI
Oakland County, Michigan

Construction Estimate No. 3

November 8, 2025 to February 2, 2026

Department No. : 6010101
Fund No. : 82730
Project No. : PRJ-17872

Account No. : 73073
Program No. : 149127
Activity : FAC
Contract No. : 11627

Contractor :
Pipeline Management Company
2673 E. Maple Road
Milford, MI 48381

Date of Contract : May 14, 2025
Completion Date : April 28, 2026

Original Contract Amount:		\$124,716.00
Previous Change Order Numbers One (1) & Two (2)		\$12,449.00
Change Orders This Estimate Numbers: Three (3), Four (4), Five (5) & Six (6)		\$255,657.00
Total Net Change Orders:		\$268,106.00
Adjusted Contract Amount:		\$392,822.00
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$306,152.00
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	77.94%	\$306,152.00
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$19,641.10
Total Amount Allowed To Date:		\$286,510.90
Less Previous Estimates:		\$137,165.00
Net Payment Request To Be Paid To Contractor:		\$149,345.90
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$86,670.00	Accounting Auditor:
Less Previous Transfers To Reserve:		\$0.00
Amount of Current Transfer:		\$19,641.10

Prepared by: George P. Nichols
George P. Nichols, P.E. - Assistant Chief Engineer (WRC)

Date: 03/18/26

Recommended by: Christopher N. Ross
Christopher N Ross, P.E. - Consulting Engineer (HRC)

Digitally signed by Christopher N. Ross
DN: C=US, E=cross@hrcengr.com,
O="Hubbell, Roth & Clark, Inc.",
CN=Christopher N. Ross
Date: 2026.03.19 07:27:46-04'00'

Date: 3/19/26

Approved by: _____
Evangelos Bantios, P.E. - Chief Engineer (WRC)

Date: _____

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

Date: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Approved by Board on: _____

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
 DRAIN: **BLOOMFIELD VILLAGE CSO DRAIN**
 DATE: Tuesday, March 24, 2026
 SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17650	Sigma Associates, Inc.	Invoice No. 653.000-0011018; Professional Services	\$4,421.32			
			Project Total:	\$4,421.32		
17796	Fishbeck	Invoice No. 000000462038; Professional Services	\$1,062.50			
			Project Total:	\$1,062.50		
17651	CSM Mechanical	Invoice No. 6772; March Billing-Comet Contracting	\$10,081.00			
			Project Total:	\$10,081.00		
17796	CSM Mechanical	Invoice No. 6772; March Billing-Hoses & Labor	\$11,086.01			
			Project Total:	\$11,086.01		
17872	HRC	Invoice No. 0235260; Professional Services	\$9,678.63			
			Project Total:	\$9,678.63		
17977	NTH	Invoice No. 641475; Professional Services	\$6,883.85			
			Project Total:	\$6,883.85		
			Grand Total:	\$43,213.31		

**7. Clinton River Water
Resource Recovery Facility**

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$15,519,300.00
5. Present Memorandum requesting the Board approve the uninitiated projects and amended projects budgets identified on the attached table using funds from Major Maintenance and Capital Improvements reserves
6. Present Construction Estimate No. 14 for Clark Construction Company for construction of the Optimization Phase II Project in the amount of \$543,441.60 with a transfer to the Oakland County Treasurer in the amount of \$60,382.40
7. Present Construction Estimate No. 20 for Clark Construction Company for construction of the Optimization Phase I Project in the amount of \$444,918.55
8. Present Construction Estimate No. 1 for Trojan Development Company for construction of the CRWRRF Metering Stations Improvements in the amount of \$54,184.50 with a transfer to the Oakland County Treasurer in the amount of \$6,020.50
9. 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 \$216,673.07
10. 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 \$139,357.72
11. Other business
12. Approve pro rata payment to Drainage Board members
13. Adjourn

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

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A request for the Board to approve execution of the letter agreement with MLC was presented. It was moved by Markham, supported by Nash to approve the agreement with MLC be executed as presented.

ADOPTED: Yeas - 2
Nays - 0

A Memorandum requesting the Board approve the allocation of \$150,000.00 from Capital Reserve funds for a Regional PFAS Management Study was presented. It was moved by Markham, supported by Nash, to approve the allocation of \$150,000.00 from Capital Reserves funds as presented.

ADOPTED: Yeas - 2
Nays - 0

A Memorandum requesting the Board authorize the repair of Tertiary Filter No. 4 at a total cost of \$495,000.00 utilizing Capital Reserve funds was presented. It was moved by Markham, supported by Nash, to approve the repair utilizing Capital Reserve funds as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 13 for Clark Construction Company for construction of the Optimization Phase II Project in the amount of \$296,231.40 with a transfer to the Oakland County Treasurer in the amount of \$32,914.60 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 13 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 19 for Clark Construction Company for construction of the Optimization Phase I Project in the amount of \$740,304.54 with a reserve payment to the contractor in the amount of \$376.80 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No. 19 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 \$248,483.65 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund 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 \$108,172.97 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

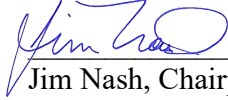
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: February 24, 2026

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE

Clinton River WRRF Drain

Assessment for the following year of expenses: July 1, 2026 through June 30, 2027

Operating Expenses

Sewage Treatment	\$ 9,049,060.00
Sewer System Maintenance	110,810.00
Sewer System Engineering	105,720.00
Septage Unloading Facility	27,000.00
Systems Control Unit	35,050.00
IPP	136,190.00
Laboratory	615,630.00
Mapping Unit	12,490.00
General and Administrative	2,086,260.00
Total Operating Expenses	<u>\$ 12,178,210.00</u>

Revenue Requirements:

Operating Expense	\$ 12,178,210.00
Non-Operating	-
Major Maintenance	1,524,610.00
Emergency Maintenance	200,000.00
Capital	2,600,000.00
Total Revenue Requirements	<u>\$ 16,502,820.00</u>
Non-Rate Revenue	<u>(983,520.00)</u>
Rate Required Revenue	<u>\$ 15,519,300.00</u>

Recommended July 1, 2026 through June 30, 2027 assessment:

Total Anticipated Expenses for July 1, 2026 - June 30, 2027	\$ 15,519,300.00
Total Anticipated Funds Needed	<u>\$ 15,519,300.00</u>

TOTAL RECOMMENDED ASSESSMENT

\$ 15,519,300.00

Billings are to be at the end of the calendar quarters.

Prepared by: Raphael Chirolla
Raphael Chirolla - WRC Financial Services

Date: 3/17/2026

Approved by: Gary Nigro
Gary Nigro - Manager, Water Resources Commissioner

Date: 3/18/2026

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE CLINTON RIVER WRRF DRAIN**

Public Corporation	Percentage of Apportionment	Total Amount of Assessment
City of Pontiac	53.730%	\$ 8,338,520
Clinton-Oakland SDS	46.270%	7,180,780
Total	100.00000%	\$ 15,519,300

Assessment Due Date: To be collected on the following quarters: 9/30/2026, 12/31/2026, 3/31/2027 and 6/30/2027

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Clinton River WRRF Drain for the period July 1, 2026 through June 30, 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 Clinton River WRRF Drain

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

Jim Nash
Chairman of the Drainage Board for the Clinton River WRRF Drain

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

TO: Jim Nash, Chairperson of the Clinton River Water Resource Recovery Facility
Drainage District Board

FROM: Razik Alsaigh, P.E., Operations Projects Engineer

SUBJECT: Clinton River Water Resource Recovery Facility
Major Maintenance and Capital Improvement Projects

DATE: March 24, 2026

Annually, the Drainage Board for the Clinton River Water Resource Recovery Facility Drainage District approves the maintenance assessment recommendation and special assessment roll for current and future fiscal years. Included in the development of the maintenance assessment recommendation and special assessment roll is the long-range plan for both major maintenance and capital improvement projects at the facility. Major maintenance projects represent the larger maintenance activities required for operation of the plant and are not considered to be a part of the standard, day-to-day operation and maintenance. Capital improvement projects include new construction, replacement of existing assets and/or work that extends the useful life of the existing assets.

Operations staff have evaluated the conditions of both the Auburn plant and the East Boulevard plant, which together makes up the Clinton River Water Resource Recovery Facility. They compiled the attached project list which includes ongoing projects as well as projects to be initiated during Fiscal Year 2027.

The attached tables provide a list of FY2025 and FY2026 projects that have been previously approved and are currently in progress. Of the projects in progress, the cells in the "Total Project Budget" column that are highlighted yellow and require a budget amendment to complete the work. Also included in the tables are additional proposed FY2026 projects that have yet to be initiated.

Also included in the tables is a list of proposed FY2027 projects that have yet to be initiated. These projects initially were slated to be created at the end of FY2026, but the associated expenses will not hit the reserve funds until FY2027.

Staff recommend amending the existing project budgets as shown on these tables and initiating the new projects for FY2026 and FY2027.

Requested Action: Approve the uninitiated projects and amended projects budgets as identified on the attached table using funds from Major Maintenance and Capital Improvement reserves.

CRWRRF MAJOR MAINTENANCE PROJECTS

FY 2025-2026 Projects (in Progress)

Proj. ID	Total Project Budget	Expenses through FY25	Description	FY26 Projected
-	\$20,000	\$0	CRWRRF Evaluate Sewage Flow Meters	\$20,000
-	-	\$0	WWTP Major Maint Unplanned	\$175,000
-	-	\$0	CRWRRF PowerPlan Support Cost	\$136,732
TBD	\$20,000	\$0	CRWRRF Transformer/Switch gear Assessment	\$20,000
1-3243	\$140,000	\$51,450	360 Water Training	\$60,000
1-3451	\$145,000	\$112,333	Facilities Repairs	\$30,000
1-3470	\$340,000	\$221,118	CRWRRF Pump Rebuilds	\$120,000
1-3492	\$435,000	\$342,038	Valve & Gate Replacement	\$90,000
1-3517	\$31,000	\$5,824	EB Access Drive Repair	\$25,000
1-3525	\$160,000	\$156,067	Rexnord Gear Box Repair	\$0
1-7127	\$230,000	\$197,636	EB Overhead River Crossings	\$15,000
1-7082	\$425,000	\$83,449	Evaluate & Repair Contact Tanks	\$240,000
1-7550	\$276,544	\$201,956	CRWRRF Energy Study	\$39,949
TBD	\$30,000	\$0	CRWRRF Evaluate & Repair Chemical Tanks	\$30,000
1-7922	\$200,000	\$54,975	CRWRRF East Blvd. Blower Building Repair	\$100,000
1-7974	\$120,000	\$0	Evaluate & Repair Grit Blowers 1 & 2 and Motors	\$120,000
1-7989	\$50,000	\$0	CRWRRF Auburn Building Ladders	\$50,000
1-7078	\$51,000	\$25,309	East Blvd. Well House Repair	\$25,000
1-7513	\$50,000	\$50,938	Centrifuge Repair	\$0

Proposed FY 2027 Projects (to be initiated)

Proj. ID	Total Project Budget	Description	FY26 Projected
	\$10,000	CRWRRF Gravity Main CCTV & Manhole Inspection	\$0
	\$30,000	East Blvd. Evaluate & Repair Aeration Tank 1	\$0
	\$200,000	East Blvd. Condition Assessment	\$0
		Total Expense	\$1,296,681

CRWRRF CAPITAL IMPROVEMENT PROJECTS

FY 2025-2026 Projects (in Progress)

Proj. ID	Total Project Budget	Expenses through FY25	Description	FY26 Projected
-	-	\$0	CRWRRF CIP Unplanned	\$250,000
-	-	\$0	Secondary Treatment Optimization (Ph 2 Match)	\$500,000
-	\$130,000	\$0	CRWRRF Asset Mgmt Software Implementation	\$130,000
1-3455	\$90,000	\$68,432	Lab Equipment	\$20,000
1-3485	\$110,000	\$74,164	I&C Improvements and Replacements	\$20,000
1-3679	\$650,000	\$99,601	Aub Waterline Metering Stations	\$550,399
1-7047	\$230,000	\$214,597	Maximum Allowable Headworks Loading (MAHL)	\$15,000
1-7048	\$320,000	\$216,385	CRWRRF Security Upgrades	\$100,000
1-7514	\$15,000	\$4,742	Plant Samplers	\$10,000
1-7940	\$1,000,000	\$0	Digester changes	\$1,000,000
1-7571	\$530,000	\$384,593	East Blvd. Blower Building SCADA Signals	\$145,407
1-7549	\$50,000	\$12,422	Plant SCADA assistance	\$20,000
1-7722	\$200,000	\$20,000	EB Engineered Gates Replacement	\$180,000
1-7963	\$150,000	\$0	Auburn Renovate Tertiary Treatment	\$150,000
1-7934	\$100,000	\$76,429	Drain Pump - EB Blower Building	\$23,571
1-7966	\$20,000	\$0	East Blvd. Replace Flow Meter Downlookers	\$20,000
1-7914	\$70,000	\$0	CRWRRF Auburn Turbo Blower Repairs	\$70,000
1-7923	\$1,700,000	\$0	Auburn Additional Biodrying	\$900,000
1-8083	\$45,000	\$0	Replace Chemical Pumps	\$45,000
TBD	\$250,000	\$0	EB Replace Aeration Blower 60, Motors for Blowers 60 & 100 and Waukasha Engine	\$250,000
TBD	\$75,000	\$0	EB Replace Mixers for Aeration Tanks 1 & 2	\$75,000
TBD	\$100,000	\$0	East Blvd. Replace RAS & WAS Pumps	\$100,000
TBD	\$50,000	\$0	CRWRRF Side-Stream PFAS Feasibility Study	\$50,000
TBD	\$10,000	\$0	Vibration Analysis	\$10,000

Proposed FY 2027 Projects (to be initiated)

Proj. ID	Total Project Budget	Description	FY26 Projected
	\$30,000	EB Main Access Drive Replacement	\$0
	\$75,000	CRWRRF East Blvd. Replace Storage Pump	\$0
	\$8,500	CRWRRF Replace Backflow Preventors	\$0
	\$100,000	EB Engineered Valves Replacement	\$0
	\$125,000	CRWRRF Building Boiler Replacements	\$0
		Total Expense	\$4,634,377

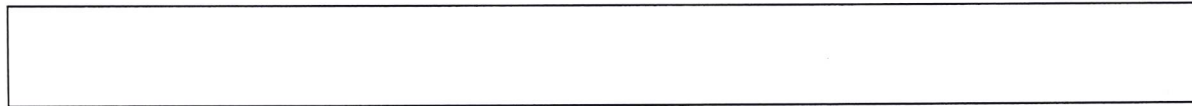
Jim Nash, Oakland County Water Resources Commissioner
Clinton River Water Resource Recovery Facility (CRWRRF) Drainage District
For Construction of the CRWRRF Optimization II
City of Pontiac
Oakland County, Michigan

Construction Estimate No. 14	Estimate Period: February 1, 2026 to February 28, 2026
	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 (1 through 6):		\$251,365.00
Change Orders This Estimate Numbers (None):		\$0.00
Total Net Change Orders:		\$251,365.00
Adjusted Contract Amount:		\$36,145,281.00
<hr/>		
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$8,107,455.63
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	22.43%	\$8,107,455.63
Less Amount Reserved: (10% of Gross Estimate)		\$810,745.56
Total Amount Allowed To Date:		\$7,296,710.07
Less Previous Estimates:		\$6,753,268.47
Net Payment Request To Be Paid To Contractor:		\$543,441.60 ✓
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$28,037,825.37 ✓	Accounting Auditor: <i>KS</i>
<hr/>		
Less Previous Transfers To Reserve:		\$750,363.16
Amount of Current Transfer:		\$60,382.40 ✓

Prepared by: <u><i>Razik</i></u>	Date: <u><i>03/12/2026</i></u>
Razik Alsaigh, P.E. - Project Engineer	
Recommended by: <u><i>Allen Geldenhoos</i></u>	Date: <u><i>3/10/2026</i></u>
Jacobs Consulting Inc - Consulting Engineer	
Approved by: <u><i>Joel Brown</i></u>	Date: <u><i>3/13/2026</i></u>
Joel Brown, P.E. - Chief Engineer	
Approved by: <u><i>Mary Nigro</i></u>	Date: <u><i>3/17/2026</i></u>
Gary Nigro, P.E. - Manager	

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. 20

Period: February 1, 2026 to February 28, 2026

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

PO No. PO 00043820
Account No. : 731472
Program No. : 149015
Activity : FAC
Vendor No. : 40855
Contract No. : CON00010566
Notice to Proceed : 11/17/2023
Substantial Completion Date : 11/16/2026
Final Completion Date : 01/30/2027

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

<u>Original Contract Amount:</u>	\$30,550,434.00
Previous Change Order Numbers (1 through 15):	\$537,958.00
Change Orders This Estimate Numbers (None):	\$0.00
Total Net Change Orders:	\$537,958.00
<u>Adjusted Contract Amount:</u>	<u>\$31,088,392.00</u>
Subtotal To Date: (Sheet 2 of 2 Column 7)	\$24,459,757.85
Less Deductions to Date: (Sheet 2 of 2 Column 7)	\$0.00
Gross Estimate: (Work in Place) 78.68%	\$24,459,757.85
Less Amount Reserved: (5% of Adjusted Contract Amount)	\$1,554,419.60
Total Amount Allowed To Date:	\$22,905,338.25
Less Previous Estimates:	\$22,460,419.70
Net Payment Request To Be Paid To Contractor:	\$444,918.55 ✓
Reserve Payment to Contractor	\$0.00
Balance of Contract To Date \$6,628,634.15 ✓	Accounting Auditor: <i>KS</i> 3/11/2026
Less Previous Transfers To Reserve:	\$1,554,419.60 ✓
<u>Amount of Current Transfer:</u>	<u>\$0.00</u>

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

Date: 03/11/2026

Recommended by: *Allen Gelderloos*
Jacobs Consultants, Inc. - Consulting Engineer

Date: 3/11/2026

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

Date: 3/13/2026

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

Date: 3/17/2026

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 METERING STATIONS IMPROVEMENTS
City of Pontiac
Oakland County, Michigan**

Construction Estimate No. 1

Estimate Period: Start to February 28, 2026

Department No. : 6010101
Fund No. : 82686
Project No. : PRJ-13679

PO No. PO 00101989
Account No. : 731472
Program No. : 149667
Activity : STD
Vendor No. : 5297

Contractor :
Trojan Development Company, Inc.
PO Box 534
Oxford, MI 48371

Contract No. : CON00011843
Notice to Proceed : 12/18/2025
Substantial Completion Date : 3/31/2026
Final Completion Date : 06/30/2026

Original Contract Amount:		\$395,535.00
Previous Change Order Numbers (none):		\$0.00
Change Orders This Estimate Numbers (none):		\$0.00
Total Net Change Orders:		\$0.00
<u>Adjusted Contract Amount:</u>		<u>\$395,535.00</u>
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$60,205.00
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	15.22%	\$60,205.00
Less Amount Reserved: (10% of Gross Estimate)		\$6,020.50
Total Amount Allowed To Date:		\$54,184.50
Less Previous Estimates:		\$0.00
Net Payment Request To Be Paid To Contractor:		\$54,184.50 ✓
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$335,330.00 ✓	Accounting Auditor: <i>KS</i> 3/11/2026
Less Previous Transfers To Reserve:		\$0.00
<u>Amount of Current Transfer:</u>		<u>\$6,020.50 ✓</u>

Prepared by: *Razik* Date: 03/12/2026
 Razik Alsaigh, P.E. - Project Engineer

Recommended by: *John Nash* Date: 3/12/2026
 HRC Consulting Inc - Consulting Engineer

Approved by: *Joel Brown* Date: 3/13/2026
 Joel Brown, P.E. - Chief Engineer

Approved by: *Mary Nigro* Date: 3/17/2026
 Gary Nigro, P.E. - Manager

Approved by Board on: _____

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**
(Maintenance)
DATE: Tuesday, March 24, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17940	CDM Smith	Invoice No. 90258399; As-Needed Engineering	\$12,934.15			
			Project Total:	\$12,934.15		
17722	CSM Mechanical	Invoice No. 6572; Replacemnt of Side Gate	\$22,737.02			
	Fishbeck	Invoice No. 000000458937; Professional Services	\$1,859.50			
	Pipeline	Invoice No. 25-04441; MLK Gate Bypass & Cleaning 2/26/26	\$11,084.50			
			Project Total:	\$35,681.02		
13470	Hamlett	Invoice No. 2026069; Parts & Shipping	\$1,774.32			
			Project Total:	\$1,774.32		
13679	HRC	Invoice No. 0235294; Professional Services	\$2,242.56			
	HRC	Invoice No. 0235295; Professional Services	\$8,098.20			
			Project Total:	\$10,340.76		
17082	NTH	Invoice No. 641273; Professional Services	\$2,625.00			
			Project Total:	\$2,625.00		
13492	Pro-Seal	Invoice No. 260576; Knife Gate Stem	\$3,275.00			
			Project Total:	\$3,275.00		
17048	IDN	Invoice No. 10837144-01; Parts	\$25,166.08			
			Project Total:	\$25,166.08		
N/A	D3W	Invoice No. 5818; Chemicals	\$5,720.00			
	D3W	Invoice No. 5835; Chemicals	\$5,720.00			
	Haviland	Invoice No. 562960; Chemicals	\$8,154.25			
	Haviland	Invoice No. 562961; Chemicals	\$7,185.28			
	Haviland	Invoice No. 564287; Chemicals	\$2,220.00			
	Haviland	Invoice No. 564570; Chemicals	\$11,525.00			
	Ingersoll Rand	Invoice No. 31256219; 12/26/25-3/25/26 Package Care Program	\$3,258.44			
	Jacobs	Invoice No. C6A19600-24; 3/29/25-1/23/26 Labor & Expenses	\$6,992.83			
	LaSalle Argi, Inc.	Invoice No. 3286; Feb 2026 Trucking	\$25,396.14			
	Limbach	Invoice No. 30082; Materials & Labor	\$3,646.89			
	Pro-Seal	Invoice No. 260569; Emergency Weld Repair	\$3,800.00			
	PVS	Invoice No. 394523; Chemicals	\$5,627.16			

PVS	Invoice No. 394676; Chemicals	\$3,020.16
PVS	Invoice No. 395401; Chemicals	\$5,926.80
PVS	Invoice No. 395556; Chemicals	\$2,951.52
Saber	Invoice No. 49796; March Building Cleaning	\$1,800.00
Waste Management	Invoice No. 8970543-1714-3; Liner, Dig Out & Disposal	\$1,286.75

Total: \$104,231.22

Pcard	Applied Industrial Technologies	Invoice No. 7033868866; Parts	\$1,490.26
	USA Bluebook	Invoice No. INV00962753; Tubing	\$1,101.18
	USA Bluebook	Invoice No. INV00953151; Goods & Chemicals	\$2,596.34
	USA Bluebook	Invoice No. INV00972805; Goods & Chemicals	\$2,898.50
	USA Bluebook	Invoice No. INV00950608; Goods	\$9,846.54
	Bob Barker	Invoice No. CS113003; Gloves	\$1,618.20
	Grainger	Invoice No. 9813670354; Gloves	\$1,094.50

Total: \$20,645.52

Grand Total: \$216,673.07

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
 DRAIN: **CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**
(Construction)
 DATE: Tuesday, March 24, 2026
 SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17461	Jacobs	Invoice No. C6A21700-38; 1/24/26-2/20/26 Labor & Expenses	\$62,298.04			
	Zausmer	Invoice No. 267750; Legal Services	\$1,737.50			
				Project Total:	\$64,035.54	
17720	Jacobs	Invoice No. C6A21702-25	\$67,978.45			
	PMA Consultants	Invoice No. 04582.00-2.0-11; Professional Services	\$4,019.73			
	Zausmer	Invoice No. 267751; Legal Services	\$3,324.00			
				Project Total:	\$75,322.18	
				Grand Total:	\$139,357.72	

8. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present Memorandum requesting the Board approve Amendment No. 5 and the amended Exhibit B Tables and authorize the Water Resources Commissioner to execute Amendment No. 5 to the Water Services Contract between the Great Lakes Water Authority and the George W. Kuhn Drain Drainage District
5. Present Memorandum requesting the Board approve the proposed resolution authorizing submission of a grant application and authorize the Chairperson to execute the resolution and any related and necessary documents for the grant application
6. Present Change Order No. 2 for Rolls Mechanical for construction of the HomeGuard Program – City of Berkley for a net decrease in the amount of \$296,764.80
7. 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 \$234,402.48
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 \$4,747.27
9. Other business
10. Approve pro rata payment to Drainage Board members
11. Adjourn

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

February 24, 2026

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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A Memorandum requesting the Board approve \$1,000,000.00 in Capital funds to expand the sewer flow metering program by purchasing and installing up to 60 additional flow meters was presented. It was moved by Markham, supported by Nash, to approve expanding the sewer flow metering program 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 \$128,429.09 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

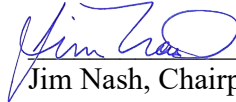
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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


Jim Nash, Chairperson

Dated: February 24, 2026

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

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

FROM: Lesli Maes, P.E., Assistant Chief Engineer

SUBJECT: Amendment No. 5 to Water Service Contract Between the Great Lakes Water Authority and the George W. Kuhn Drain Drainage District for Approval

DATE: March 24, 2026

The George W. Kuhn Drain Drainage District currently purchases water directly from the Great Lakes Water Authority (GLWA) for use by the Retention Treatment Facility to flush the basin following rain events. The existing water contract, developed by the City of Detroit and reassigned to GLWA in July 2015, was originally executed in November 2009, and is a 30-year contract which allows for periodic review to adjust projected annual volume of water used, pressure ranges and maximum flow rate.

Attached is Amendment No. 5 which includes contract language revisions as well as amended Exhibit B tables that provide annual volume projections, pressure ranges and flow rates. In accordance with the existing contract, this amendment, once executed, shall become contractually binding for a period of either four years or for a shorter period if the system characteristics were to change significantly. At that point, the contract shall be reopened for review and revisions. Staff has reviewed the contract language in Amendment No. 5 and the technical information in Exhibit B Tables.

It is recommended that the Drainage Board approve Amendment No. 5 and the amended Exhibit B Tables for the Water Service Contract with the Great Lakes Water Authority and authorize the Water Resources Commissioner to execute the document.

Requested Action: Approve Amendment No. 5 and the amended Exhibit B Tables and authorize the Water Resources Commissioner to execute Amendment No. 5 to the Water Services Contract Between the Great Lakes Water Authority and the George W. Kuhn Drain Drainage District.

**AMENDMENT NO. 5 TO WATER SERVICE CONTRACT
BETWEEN
GREAT LAKES WATER AUTHORITY
AND
GEORGE W. KUHN DRAINAGE DISTRICT**

This Amendment No. 5 (“Amendment”) is made between the Great Lakes Water Authority, a municipal authority and public body corporate (“GLWA”), and the George W. Kuhn Drainage District, a Michigan statutory public corporation established in accordance with Chapter 20 of the Michigan Drain Code, Public Act 40 of the Public Acts of 1956, as amended (MCL 280.461 *et seq.*), whose address is One Public Works Drive, Building 95 West, Waterford, Michigan 48328-1907 (“Member Partner”). GLWA and Member Partner are collectively referred to as the “Parties”.

RECITALS

- A. GLWA leases, operates, and maintains the public water supply system owned by the City of Detroit (“System”); and
- B. On November 20, 2009, the Parties entered a Water Service Contract (“Contract”) reflecting the terms and conditions governing the delivery and purchase of potable water, as subsequently amended and assigned; and
- C. The Contract provides for periodic reopening on a four-year schedule, of which the Parties wish to avail themselves; and
- D. Article 15 of the Contract permits the Parties to amend the Contract by mutual agreement; and
- E. The methodology used to determine the maximum day and peak hour values for calendar years 2027 through 2030 used the average of the Member Partner’s GLWA annual billed volume of the prior four (4) adjusted fiscal years (October 1 through September 30, 2022 through 2025).
- F. In consideration of the mutual undertakings of the Parties and for the benefit of the public, it is the mutual desire of the Parties to enter this Amendment to amend the Contract as set forth in detail in the following sections.

ACCORDINGLY, THE PARTIES AGREE AS FOLLOWS:

- 1. Exhibit B of the Contract is amended by deleting in its entirety the existing Exhibit B and substituting the attached Exhibit B in its place.
- 2. Except for the provisions of the Contract specifically contained in this Amendment, all other terms, conditions, and covenants contained in the Contract shall remain in full force and effect and as set forth in the Contract.
- 3. This Amendment to the Contract shall be effective and binding upon the Parties when it is signed and acknowledged by the duly authorized representatives of both Parties and is approved by Member Partner’s governing body and the GLWA Board of Directors.

Accordingly, GLWA and Member Partner, by and through their duly authorized officers and representatives, have executed this Amendment.

George W. Kuhn Drainage District:

By: _____
Jim Nash
Oakland County Water Resources Commissioner, and
Chairperson of the GWK Drainage Board

APPROVED BY
GEO. W. KUHN DRAINAGE BOARD ON: _____
Date

Great Lakes Water Authority:

By: _____
Suzanne R. Coffey, P.E.
Chief Executive Officer

Dated: _____

APPROVED BY
GLWA BOARD OF DIRECTORS ON: _____
Date

APPROVED AS TO FORM BY
GLWA GENERAL COUNSEL ON: _____
Signature/Date

EXHIBIT B

Projected Annual Volume and Minimum Annual Volume (Table 1)
Pressure Range and Maximum Flow Rate (Table 2)
Flow Split Assumptions (Table 3)
Addresses for Notice (Table 4)

Table 1 and Table 2 set forth the agreed upon Projected Annual Volumes, Minimum Annual Volumes, Pressure Ranges and Maximum Flow Rates for the term of this Contract provided that figures in bold type face are immediately enforceable pursuant to the terms of Section 5.07 and italicized figures are contained for planning purposes only but will become effective absent the negotiated replacements anticipated in Section 5.07.

The approximate rate of flow by individual meter set forth in Table 3 is the assumption upon which the Pressure Range commitments established in Table 2 have been devised. Should Customer deviate from these assumptions at any meter(s), the Board may be unable to meet the stated Pressure Range commitments in this Contract or in the contract of another customer of the Board and Section 5.08 of this Contract may be invoked.

EXHIBIT B

Table 1
 Projected Annual Volume and Minimum Annual Volume

Fiscal Year Ending June 30	Projected Annual Volume (Mcf)	Minimum Annual Volume (Mcf)
2010	10,000	5,000
2011	10,000	5,000
2012	12,000	6,000
2013	12,000	6,000
2014	12,000	6,000
2015	7,200	3,600
2016	7,200	3,600
2017	7,200	3,600
2018	7,200	3,600
2019	7,200	3,600
2020	9,000	4,500
2021	9,000	4,500
2022	9,000	4,500
2023	9,000	4,500
2024	9,000	4,500
2025	9,000	4,500
2026	9,000	4,500
2027	9,000	4,500
2028	9,000	4,500
2029	9,000	4,500
2030	9,000	4,500
2031	9,000	4,500
2032	<i>9,000</i>	<i>4,500</i>
2033	<i>9,000</i>	<i>4,500</i>
2034	<i>9,000</i>	<i>4,500</i>
2035	<i>9,000</i>	<i>4,500</i>
2036	<i>9,000</i>	<i>4,500</i>
2037	<i>9,000</i>	<i>4,500</i>
2038	<i>9,000</i>	<i>4,500</i>
2039	<i>9,000</i>	<i>4,500</i>

EXHIBIT B

Table 2
Pressure Range and Maximum Flow Rate

Calendar Year (Reopener Schedule in bold type)	Pressure Range (psi) Meter OC-01		Maximum Flow Rate (mgd)	
	<u>Min</u>	<u>Max</u>	<u>Max Day</u>	<u>Peak Hour</u>
2009	58	80	0.33	0.33
2010	58	80	0.33	0.33
2011	53	80	0.25	0.25
2012	53	80	0.25	0.25
2013	53	80	0.25	0.25
2014	58	80	0.148	0.148
2015	58	80	0.148	0.148
2016	58	80	0.148	0.148
2017	58	80	0.148	0.148
2018	58	80	0.148	0.148
2019	58	80	0.184	0.184
2020	58	80	0.184	0.184
2021	58	80	0.184	0.184
2022	58	80	0.184	0.184
2023	58	80	0.204	0.204
2024	58	80	0.204	0.204
2025	58	80	0.204	0.204
2026	58	80	0.204	0.204
2027	58	80	0.204	0.204
2028	58	80	0.204	0.204
2029	58	80	0.204	0.204
2030	58	80	0.204	0.204
2031	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2032	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2033	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2034	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2035	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2036	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2037	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>
2038	<i>58</i>	<i>80</i>	<i>0.204</i>	<i>0.204</i>

EXHIBIT B

Table 3
Flow Split Assumptions

Meter	Assumed Flow Split (2027-2030)
OC-01	100%

Table 4
Addresses for Notice

If to the Board:	If to Customer:
General Counsel Great Lakes Water Authority 735 Randolph, Suite 1901 Detroit, Michigan 48226	Oakland County Water Resources Commissioner Oakland County Water Resources Commissioner's Office One Public Works Drive Waterford, Michigan 48328-1901 Cc: RTB Chief Engineer

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

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

FROM: Sara Rubino, Drainage District Legal Counsel

SUBJECT: Proposed Resolution Approving Submission of Grant Application

DATE: March 24, 2026

The George W. Kuhn Drain Drainage District is currently undertaking a study to evaluate opportunities to expand grey infrastructure within its jurisdictional boundaries; improve stormwater management; and increase system resiliency to severe storm events. This effort is being conducted to comply with certain provisions of the National Pollutant Discharge Elimination System permit issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to the Drainage District to operate the George W. Kuhn Retention Treatment Facility in Madison Heights. A state grant opportunity is available to potentially reduce the costs.

EGLE announced a special request for proposals for the State High Water Infrastructure Grants Program. This program is designed to provide infrastructure and planning grants that directly address the impacts and vulnerabilities presented by severe weather events, with a focus on projects that address flooding, coastline erosion, urban heat, and stormwater management. Eligible activities include planning and engineering studies that support future infrastructure improvements and resiliency projects. The grant program requires a 20% local match.

The attached proposed resolution seeks authorization from the Drainage Board to submit a grant application to EGLE for the State High Water Infrastructure Grants Program and commit to the local match. The resolution is required for the grant application. Approval is recommended so that the Drainage District may pursue available state funding to support required planning work while minimizing costs incurred by the Drainage District.

Requested Action: Approve the proposed resolution authorizing submission of a grant application and authorize the Chairperson to execute the resolution and any related and necessary documents for the grant application.

**Resolution Authorizing Submission of State
High Water Infrastructure Grant Application**

WHEREAS the George W. Kuhn Drain Drainage District is conducting a study to evaluate the possibility of building more grey water infrastructure within the district; and

WHEREAS the study is also evaluating stormwater management, as well as investigating ways to increase resiliency to severe storm events; and

WHEREAS this study is being conducted to comply with certain provisions of the National Pollutant Discharge Elimination System permit that was granted by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to the District to operate the George W. Kuhn Retention Treatment Facility; and

WHEREAS EGLE has grant funding available for resiliency projects that address vulnerabilities to severe weather events; and

WHEREAS this funding for this project is available through EGLE's State High Water Infrastructure Grants Program, administered by its Water Resources Division; and

WHEREAS this grant has a maximum award amount of \$450,000 and a minimum of 20% local match, which would be funded through the District.

NOW THEREFORE BE IT RESOLVED that the Drainage Board for the George W. Kuhn Drain approves the submission of a grant application to the Water Resources Division for the grey water infrastructure study and commits that the local match shall be provided if the project is funded.

Jim Nash, Chairperson
Dated: March 24, 2026

CHANGE ORDER

CHANGE ORDER No. 2

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

Authorization for Extras To & Changes In Contract

Department No. : 6010101	Account No. : 730373
Fund No. : 58510	Program No. : 149662
Project No. : 1-7840	Project Activity : STD
Purchase Order No. :	Vendor No. : 30038

Contractor : Rolls Mechanical	Contract No. : CON00010963
1490 Torrey Road	Date of Contract : 6/13/2024
Fenton, MI 48430	Completion Date : 7/14/2025

Auth No.	Description-Location-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	DESCRIPTION (Balancing Change Order)					
A-1	Original Contract Amount			\$ 750,000.00	\$ -	
A-2	Final Contract Amount			\$ 453,235.20	\$ -	\$ 296,764.80
	Note: Total does not include resident deposit deductions					
	Location: Change Order covers the entire pilot study area in the City of Berkley					
	Reason: adjusting the not to exceed contract to the actual final contract values (balancing) at the conclusion of the project					
Totals					\$ -	\$ 296,764.80
Net Decrease					---	\$ 296,764.80

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER

CHANGE ORDER No. 2

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

Prepared by: _____ Date: _____
Jen Cook, P.E. (WRC)

Recommended by: _____ Date: _____
James Burton, P.E., Consulting Engineer (HRC)

Approved by: _____ Date: _____
Joel Brown, P.E., Chief Engineer (WRC)

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

Accepted by: _____ Date: _____
Karly Rolls, Vice President
Rolls Mechanical

Approved by: _____ Date: _____
Steven Korth, P.E., Chief Manager (WRC)

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: _____ Date: _____

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER

CHANGE ORDER No. 2

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

Notice to Proceed Date:		Thursday, June 13, 2024
Contract Substantial Completion Date:		N/A
Contract Final Completion Date:		Monday, July 14, 2025
Original Contract Value:	\$	750,000.00
Previous C.O. Values:	\$	-
Change Order No. 2 Value:	\$	(296,764.80)
Adjusted Contract Value:	\$	453,235.20

**JIM NASH
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

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

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17496	D'Angelo Brothers, Inc. FK Engineering ART	Invoice No. 1145-62; Casting Work Invoice No. 24-039-017 Invoice No. 6911; Manhole Work, Detroit Zoo	\$1,800.00 \$15,467.65 \$35,180.00			
			Project Total:	\$52,447.65		
17986	Drummond Carpenter	Invoice No. 6025; Professional Services	\$7,600.50			
			Project Total:	\$7,600.50		
18066	HRC	Invoice No. 0235266; Professional Services	\$12,616.78			
			Project Total:	\$12,616.78		
17945	Wade Trim	Invoice No. 3042755; Dechlorination Study	\$10,320.00			
			Project Total:	\$10,320.00		
N/A	ADS Environmental Services ADS Environmental Services ADS Environmental Services Dickinson Wright Dickinson Wright Dickinson Wright Dickinson Wright Dickinson Wright ASI Dickinson Wright Michigan CAT Michigan CAT Michigan CAT CCI	Invoice No. 35801-1125-F; Products & Services Invoice No. 35801-1225-F; Products & Services Invoice No. 35801-0925-F; Products & Services Invoice No. 2123415; Legal Services Invoice No. 2123419; Legal Services Invoice No. 2123423; Legal Services Invoice No. 2123438; Legal Services Invoice No. 2125037; Legal Services Invoice No. 9546; As-needed Engineering Support Invoice No. 2123417; Legal Services Invoice No. SD18288821; PM2 Service & Inspection Due Invoice No. SD18294078; PM2 Service & Inspection Due Invoice No. SD18396794; Troubleshoot Loose Boggie Wheel Invoice No. 63557; Calibration	\$8,775.00 \$8,775.00 \$8,087.90 \$10,606.24 \$10,606.27 \$2,373.62 \$10,694.24 \$62,633.60 \$3,192.00 \$10,718.31 \$4,484.64 \$4,485.00 \$1,850.66 \$2,808.00			
			Total:	\$150,090.48		
Pcard	Grainger	Invoice No. 9780956307; Desk	\$1,327.07			
			Total:	\$1,327.07		
			Grand Total:	\$234,402.48		

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **GEORGE W. KUHN DRAIN (Construction)**
DATE: Tuesday, March 24, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17946	HRC	Invoice No. 0235265; Professional Services	\$4,747.27			
				Project Total:	\$4,747.27	
				Grand Total:	\$4,747.27	

9. Mainland Drain

AGENDA

DRAINAGE BOARD FOR THE MAINLAND DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present Memorandum requesting the Board:
 - a. Award the work order and contract amendment to the VIL Construction master services contract for a not-to-exceed price of \$945,925.00
 - b. Approve the assignment and assumption agreement to assign the project to the Mainland Drain Drainage District
 - c. Approve the engineering work order to GEI Consultants for a not-to-exceed price of \$89,686.00
 - d. Approve the total project cost of \$1,345,000.00
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$2,007.50
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

February 24, 2026

A meeting of the Drainage Board for the Mainland 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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 December 16, 2025, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$5,905.00 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

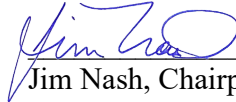
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Mainland Drain, Oakland County, Michigan, held on the 24th day of February 2026, 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 Mainland Drain Drainage District.



Jim Nash, Chairperson

Dated: February 24, 2026

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

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

FROM: Sarah Stoolmiller, P.E., Civil Engineer III

SUBJECT: Mainland Drain Culvert Improvement Project – Contractor Award

DATE: March 24, 2026

In July 2023, this Board accepted funding from the Federal Emergency Management Agency's (FEMA) Hazard Mitigation Grant Program for Phase 1 of the Mainland Drain Flood Mitigation Project. In coordination with this project, the Michigan Department of Transportation (MDOT) has agreed to pay the design costs of replacing culverts under Telegraph Road, under the ramp loop at County Center Drive, and under Hospital Drive. MDOT will reimburse the District for both the design and construction costs for this work.

The three culvert replacements are needed for the overall Mainland Drain Flood Mitigation Project because they address locations where stormwater bottlenecks currently occur during large storm events.

Analysis shows that, even with planned wetland storage creation and expansion, these existing culverts will continue to cause flooding at Telegraph Road and near the County Medical Examiner's Facility on County Center Drive if they were left unchanged. In order to meet the FEMA grant funding requirements, the proposed project needs to convey the 100-year storm event without flooding. This design requirement cannot be achieved without replacing the culverts, which would mean FEMA would not distribute the next round of funding for the project.

Overall, the Mainland Drain Flood Mitigation project will address four separate areas along the Drain, all on County property. Streambank stabilization measures, through natural channel design, and off-channel stormwater wetlands will be used to create more than 550,000 cubic feet of additional storage volume. This will allow additional storage of peak flows while preventing streambank erosion and localized flooding during large rain events. Further, the wetland areas will not only provide an increase in stormwater storage capacity, but they will also improve the water quality through infiltration and by creating an easily accessible area for sediment and trash removal.

Although bids were solicited from multiple contractors, VIL Construction, Inc. of Sterling Heights (VIL) was the only bidder. The company's proposed bid of \$945,925 has been determined to be reasonable by the design engineer, GEI Consultants of Michigan (GEI). This project will be facilitated under a master services agreement (MSA) with Oakland County via the attached work order and contract amendment. The role of "Owner" on the MSA needs to be assigned to the Mainland Drain Drainage District to avoid liability to the County using the appended assignment document.

GEI has provided a proposal for construction engineering services and additional out of scope design services in the amount of \$89,686. The attached engineering work order has been prepared for this scope and budget.

Staff has developed an estimate of total project costs, which incorporates VIL's construction cost, GEI's services, and Water Resources Commissioner's staff labor. The recommended total budget for the project is \$1,345,000, which has been approved by MDOT.

Requested Action: Award the work order and contract amendment to the VIL Construction, Inc. master services contract for a not-to-exceed price of \$945,925 and approve the assignment and assumption agreement to assign the project to the Mainland Drain Drainage District. Approve the engineering work order to GEI Consultants for a not-to-exceed price of \$89,686. Approve the total project cost of \$1,345,000.

This Work Order and Contract Amendment (hereinafter referenced as the "Agreement" or "Contract") is made and entered into this 24 day of March, 2026 by and between the County of Oakland, hereinafter called "Owner" or the "County," and V.I.L. Construction, Inc., a Michigan Corporation, whose address is 6670 Sims Drive, Sterling Heights, Michigan, 48313, hereinafter referred to as "Contractor." Owner and Contractor may be referred to individually as a "Party" and collectively as the "Parties."

RECITALS

WHEREAS Owner and Contractor are parties to Contract No. 010851, dated May 1, 2024 (the "Master Services Agreement");

WHEREAS Owner issued Project Specifications and Bid Documents for the Mainland Drainage District Mainland Drain Culvert Improvement Project (the "Project") dated January 2026 and prepared by GEI Consultants of Michigan. P.C. (the "Project Specifications and Bid Documents"), Contractor submitted a Bid for the Project, and Owner has selected Contractor to perform the Project; and

WHEREAS Owner and Contractor desire to contract for the performance of the Project pursuant to the terms of the Master Services Agreement, as amended and supplemented by this Agreement.

NOW, THEREFORE, in consideration of the agreements and undertakings set forth herein, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Parties agree as follows:

1. CONTRACT DOCUMENTS

The entire agreement between the Parties with respect to the Project is embodied in the Contract Documents.¹ The Contract Documents include all documents identified in the definition of "Contract Documents" as provided in the General Conditions and include, without limitation, the following:

- A. Master Services Agreement
- B. This Agreement (Work Order and Contract Amendment)
- C. The General Conditions
- D. The Supplementary Conditions
- E. The Specifications
- F. All other documents included in and required by the Project Specifications and Bid Documents
- G. Contractor's Bid, dated March 10, 2026, attached hereto as **Exhibit A**.

2. AMENDMENTS TO THE MASTER SERVICES AGREEMENT

- A. The Not to Exceed Amount, as defined by the Master Services Agreement, is increased by an amount equal to the initial Contract Price, as defined below, and shall be further increased

¹ All capitalized terms used in this Agreement, but not defined herein, have the meanings ascribed to them by the General Conditions.

or decreased automatically to reflect any adjustment to the Contract Price made through Change Orders or other modifications expressly permitted by the Contract Documents.

- B. Section 4 [Contract Termination] of the Master Services Agreement is superseded, for purposes of the Project, by Articles 57 and 58 [Owner May Terminate for Cause and Owner May Terminate for Convenience] of the General Conditions.
- C. Section 5.4 [Payment Obligations] of the Master Services Agreement is superseded, for purposes of the Project, by Article 8 [Payment Procedures] of this Agreement.
- D. Section 7.1 [Contractor Indemnification] of the Master Services Agreement is superseded, for purposes of the Project, by Article 50(E) [Indemnification Clause] of the General Conditions.
- E. Section 14.23 [Dispute Resolution] of the Master Services Agreement is superseded, for purposes of the Project, by Article 11 [Dispute Resolution] of this Agreement.
- F. Exhibit I to the Master Services Agreement is superseded, for purposes of the Project, by Article 50 [Insurance and Indemnification] of the General Conditions.
- G. Notwithstanding Section 14.12.1 [Prior Written Consent Required] of the Master Services Agreement, Owner (County) may assign this Agreement and the Contract Documents, solely as they relate to the Project, to the Mainland Drain Drainage District, a drainage district organized under Chapter 280 of Act 40 of the Public Acts of 1956 (“Assignee”), without further consent of Contractor, and Contractor hereby consents in advance to such assignment.

Upon the effective date of such assignment:

1. The Assignee shall be deemed the “Owner” for all purposes under this Agreement and the Contract Documents relating to the Project and shall succeed to all rights, authority, discretion, obligations, and remedies of Owner thereunder.
2. County shall have no further obligations, duties, or liabilities of any kind to Contractor under this Agreement or the Contract Documents relating to the Project, including, without limitation, any obligation to make payment for the Work, Change Orders, claims, or damages.
3. Contractor irrevocably releases County from any and all claims, demands, causes of action, or liabilities arising out of or relating to the Project accruing on or after, or asserted after, the effective date of the assignment.
4. Contractor agrees that, from and after the effective date of the assignment, Contractor shall look solely and exclusively to the Assignee, as Owner, for performance of all Owner obligations under the Contract Documents relating to the Project.
5. Notwithstanding the foregoing, the Assignee may designate County to act as Assignee’s authorized representative for purposes of administering the Project, including, without limitation, contract administration, construction oversight, review and approval of payment applications, Change Orders, and claims. Any such designation

shall be for administrative purposes only and shall not be deemed to create, revive, or imply any obligation or liability of County to Contractor.

- H. For the purposes of the Project only, the Master Service Agreement's "Expiration Date" is extended one year to April 30, 2027.
- I. Except as expressly amended by this Agreement, all terms and conditions of the Master Services Agreement remain in full force and effect. In the event of an express conflict between the Master Services Agreement and any other Contract Document, the Master Services Agreement shall control unless and to the extent it is expressly amended by this Agreement or another Contract Document executed after this Agreement. For the avoidance of doubt, it is the Parties' intent that the Contract Documents be read as a harmonious whole, and that provisions addressing the same or similar subject matter shall be interpreted to supplement one another rather than to conflict, wherever reasonably possible.

3. THE WORK

- A. Contractor shall perform and complete every one of the obligations required by the Contract Documents, including, without limitation, furnishing all labor, materials, goods, services, and equipment necessary to complete the Project in strict accordance with the Contract Documents. Contractor shall perform all Work shown and called for on the Contract Documents entitled **Mainland Drain Culvert Improvement Project**, prepared by **GEI Consultants of Michigan, P.C.** who is the Engineer. Contractor acknowledges that there may be items of Work for which Contractor is responsible to furnish or perform under the Contract Documents that are not shown or specified in the Contract Documents but are necessary for the proper execution, operation, and completion of the Work and which are reasonably inferable from the Contract Documents and/or which are required to achieve a fully functional Project. Contractor shall provide all such items of Work as part of the Work without delay in its progress and without any increase in the Contract Times or Contract Sum. The Contract Documents are defined in the General Conditions. Terms used in this Agreement shall have the same meaning as those terms defined and used in the General Conditions, which are attached hereto and incorporated herein by reference as if fully restated herein. The priority of Contract Documents is set forth in Article 1 [Contract Documents] of the General Conditions.
- B. To induce Owner to enter into this Agreement, Contractor makes the following material representations:
 - a. Contractor has carefully considered all material aspects of the Contract Documents, including without limitation, the Drawings and Specifications, Work locality, access routes, availability of materials and equipment, labor, market and environmental conditions resulting from a health crisis regardless of whether an infectious disease, epidemic, pandemic or isolated to areas from which such labor and materials are supplied and all local conditions and federal, state, local laws and regulations in effect as of the date of this Agreement that may affect the cost, progress, performance, or furnishing of the Work;

- b. Contractor has carefully studied the Project, all real property encompassing and surrounding the Project, all reports of investigations and tests of subsurface and latent physical conditions at the Project or otherwise affecting the cost, progress, or performance of the Work;
- c. Contractor has made or caused to be made all examinations, analyses, schedules, investigations and tests, borings and studies as it deems necessary for the performance of the Work for the Contract Price, within the Contract Times and in accordance with the other terms and conditions of the Contract Documents; and no additional examinations, investigations, tests, borings, reports or similar data are required by Contractor for such purposes;
- d. Based on Engineer's submittal matrix, Contractor has prepared a Submittal Schedule and confirmed with its Subcontractors and suppliers that the necessary equipment and materials to complete the Work are available and will be delivered to the Site to timely complete the Work; submission of a Submittal Schedule shall not relieve Contractor of any of its obligations pertaining to Submittals as provided in the Contract Documents;
- e. Contractor acknowledges and agrees that the Contract Times and Contract Price are sufficient in all respects to allow the Contractor to complete the Work in strict accordance with the Contract Documents, including any work inferred therefrom;
- f. Contractor has examined and checked all Drawings and Specifications furnished by Owner for dimensions, quantities, types of materials, and coordination with other parts of the Work on this or related contracts and has given Engineer written notice of all conflicts, errors, omissions and/or discrepancies that it has discovered, or reasonably should have discovered, in the Contract Documents and the written resolution thereof by Engineer, is or will be acceptable to Contractor; Contractor acknowledges that it assumes full responsibility for any such known errors or omissions that it fails to bring to Owner's attention and by starting Work, or any portion thereof, Contractor shall be deemed to have waived any objections to such errors or omissions in the Contract Documents;
- g. Contractor acknowledges that the Work, construction, reconstruction, and services will occur during all seasons of the year, including winter and wet weather months and under winter and wet weather conditions; notwithstanding these conditions, Contractor acknowledges that it has informed itself of the weather history of the area of the Site, including without limitation, conditions documented by the National Oceanic and Atmospheric Administration (N.O.A.A.) for a 100-year history, and agrees to complete the Work and the Project within the Contract Times without exceeding the Contract Sum; and
- h. Contractor's Bid is true and accurate in all respects and includes all Work necessary to complete the Project within the Contract Times and without exceeding the Contract Price.

4. THE TIME

- A. Contractor shall be prepared to begin the Work within ten (10) consecutive calendar days of the execution of the Agreement. Notwithstanding anything to the contrary herein,

Contractor shall not begin the Work unless and until Owner issues a written notice to proceed ("Notice to Proceed"). The above requirement shall not constitute a representation or guarantee of the date that Owner will issue a Notice to Proceed. Owner shall have 90 calendar days following the execution of this Agreement to issue the Notice to Proceed, during which time Contractor shall not be entitled to any increase in or change to the Contract Times or Contract Price. The Parties agree the Contract Times are considered essential elements of the Agreement.

- B. Contractor agrees to achieve Substantial Completion of the Work by **August 28, 2026**, and Final Completion of the Work by **October 1, 2026**. Specific interim completion deadlines are addressed in the Contract Documents.
- C. If Contractor is delayed by a Force Majeure Event, as defined in the Contract Documents, and if such delay affects Work on the Critical Path of the Construction Schedule, then only the approved Construction Schedule and the Contract Times shall be adjusted, subject to and in strict conformance with the requirements of the Contract Documents, and only to the extent necessary to address such delay (but the total extension of all Critical Path Activities may not exceed the period of time required by Contractor, using its best efforts, to mitigate the effect of the delay). An extension of time shall be Contractor's sole remedy for any delay caused by a Force Majeure Event. Contractor shall use its best efforts to mitigate the effects of any delay, whether or not it is caused by a Force Majeure Event. Such best efforts shall not include the obligation to accelerate the Work. Acceleration of the Work is addressed separately in the Contract Documents.
- D. Immediately upon (and not more than seventy two (72) hours following the commencement of the occurrence of a Force Majeure Event and not more than seventy two (72) hours following the commencement of the occurrence of an Owner Delay, as that term is defined in the Contract Documents, Contractor shall notify Owner and Engineer in writing, setting forth the cause of the delay, a description of the portions of the Work affected, and additional relevant details. Contractor's failure to submit such required notices shall constitute a waiver of any claim for an extension of time by Contractor. In the case of a continuing delay caused by a Force Majeure Event, only one notice is necessary.
- E. No adjustments shall be made to the Construction Schedule for any suspension, delay or interruption to the extent that performance would have been so suspended, delayed or interrupted by any other cause, including the fault or negligence of Contractor, to the extent the delay could have been mitigated by Contractor; or for which an equitable adjustment is provided or excluded under any other provision of the Contract Documents. Owner's exercise of any of its rights under the Contract Documents or Owner's requirement of correction or re-execution of any Defective Work shall not, under any circumstances, be construed as interference with Contractor's performance of the Work.
- F. The remedies provided in Article 4 [The Time] of this Agreement and the General Conditions, respectively, shall be the sole and exclusive remedies (in lieu of all other remedies whatsoever) of Contractor for any delay, interference, or hindrances in the performance of the Work, loss of productivity, impact damages and similar claims and damages, whether or not contemplated by the Parties. In no event shall Contractor be entitled to any compensation or recovery of any damages in connection with any delay, including, without limitation, all direct costs, indirect costs, overhead costs (including field or home office overhead, using Eichleay formula or otherwise), taxes, interest, general and administrative expenses, profit and all effects, direct, indirect and consequential

resulting from the delay including acceleration (actual or constructive), hindrance, disruption, interference, diminished bonding capacity, loss of productivity, impairment, manpower inefficiencies, lost opportunity, and "ripple effects," impact damages or other similar remuneration (collectively "Delay Damages"). Except only for time extensions for a delay caused by a Force Majeure Event and as specifically provided in the Contract Documents, or for specified recoverable costs in cases of an Owner Delay (as that term is defined in the Contract Documents), Contractor hereby expressly waives, covenants and agrees not to assert any claims against Owner for Delay Damages which it or any Subcontractor or Supplier may incur as a result of any of the foregoing causes, delays, interferences, suspensions, rescheduling, changes in sequences, congestion, disruptions, or the like arising from, out of or in connection with any Force Majeure Event or any act or omission of Owner, its representatives or agents, it being understood and agreed that their sole and exclusive remedies shall be those set forth herein and in the Contract Documents.

5. LIQUIDATED DAMAGES

- A. Contractor and Owner agree that all time limits stated in the Contract Documents are essential conditions of the Agreement, and Contractor's performance (strictly, not substantially) in accordance with the Construction Schedule is the essence of this Agreement and therefore are material terms.
- a. Contractor acknowledges and recognizes that Owner is entitled to full and beneficial use of the completed Work following expiration of the Contract Times, and Owner has scheduled the commencement of its activities based upon Contractor achieving certain Work by intermediate milestone dates and Substantial and Final Completion of all the Work within the Contract Times.
- B. Contractor further acknowledges and agrees that if Contractor fails to complete certain Work by specified milestone dates and/or fails to achieve Substantial Completion or Final Completion of any portion of the Work within the Contract Times, Owner will sustain extensive damages and serious loss because of such failures that may be difficult to calculate. Accordingly, Owner and Contractor agree Owner shall be entitled to retain or recover from Contractor, as liquidated damages, and not as a penalty, up to the sum of **Two thousand five hundred Dollars (\$2,500) per day commencing upon the day following the allowable time of mainline lane closures on Telegraph Road, the sum of Two Thousand Dollars (\$2,000) per day commencing upon the day following the date of Substantial Completion, and the sum of One Thousand Dollars (\$1,000) per day commencing upon the day following the expiration of the Final Completion Date and continuing until the required Work for any of the foregoing deadlines is completed.** Liquidated damages in the amount as stated above also shall apply to any failure to open a road on time as outlined in the Summary of Work.
- C. Because of the impracticality and difficulty of ascertaining and calculating Owner's actual damages, such liquidated damages are hereby agreed to be a reasonable pre-estimate of and reasonable just compensation for the damages Owner will incur because of the delayed completion of the Work. Owner may deduct liquidated damages from any unpaid amounts then and thereafter due to the Contractor under this Agreement. Any liquidated damages not so deducted from any unpaid amounts due to Contractor shall be payable to Owner by the date specified by Owner, but in no event less than fourteen (14) days from the date of Owner's demand. Interest shall begin to accrue on the date such

liquidated damages are due until paid and shall thereafter accrue at seven percent (7%) per annum. Contractor and Owner agree that the foregoing liquidated damages are intended to compensate Owner only for damages due to the late delivery of the Work and not for any damages that Owner may suffer because of other Contractor defaults. Contractor's payment (or deduction) of liquidated damages shall in no way restrict or limit Owner's ability to recover (or Contractor's liability for) damages suffered or incurred by Owner because of Contractor's defaults unrelated to the late delivery of the Work under the Contract Documents.

- D. Owner and Contractor explicitly agree and intend that the provisions of this Article 5 shall be fully enforceable by any tribunal exercising jurisdiction over any dispute between the parties arising under this Agreement. Each party hereby irrevocably waives any defenses available to it under law or equity relating to the enforceability of the liquidated damages provisions set forth in this Article 5. If for any reason Contractor's obligation to pay any liquidated damages as set forth herein is deemed unenforceable, Owner shall be entitled to receive its actual damages sustained (notwithstanding anything in Article 52 [Waiver of Consequential Damages] of the General Conditions to the contrary) because of any circumstance entitling Owner to liquidated damages under this Article 5 [Liquidated Damages]. However, in no event shall the amount paid to Owner as actual damages exceed the amount that would have been calculated and paid as liquidated damages for delay to Owner.
- E. Contractor shall not, on account of the liquidated damages set forth in this Article directly or indirectly or wholly or in part increase (or permit any increase in) the Contract Sum, or any fee or compensation it may be entitled to receive beyond what would have otherwise been charged in the absence of such a provision.

6. ASSIGNMENT OF CONTRACT

Contractor agrees that it shall not assign or transfer this Contract except with the Owner's written consent. Contractor shall not assign either legally or equitably, any of the monies payable to it under this Agreement, or its claim thereto, except with the written consent of Owner. Owner may withhold such consent in Owner's sole and absolute discretion.

7. THE CONTRACT PRICE

- A. The Contract Price shall be the total of all lump sum amounts together with any Unit Price amounts based on the initial estimated quantities identified in the Contractor's Bid.
- B. The Contract Price shall be increased because of changes in scope and actual quantity determinations as provided under the provisions of the Contract Documents and reduced by such sums as Owner may lawfully deduct and retain, including without limitation, liquidated damages under the provisions of Article 5 [Liquidated Damages] of this Agreement.
- C. Upon completion of the Work, Owner will issue a Change Order adjusting the Unit Price quantities to reflect the actual quantities of the Work performed under the Contract Documents and adjusting the total Contract Price accordingly. Payments shall be made in accordance with the provisions of Articles 8 [Payment Procedures] and 9 [Substantial Completion].

8. PAYMENT PROCEDURES

A. Schedule of Values

- a. Within ten (10) calendar days of the Notice to Proceed, Contractor shall prepare and submit to Engineer, a schedule of values for all of the Work ("Schedule of Values") which includes quantities and prices of items which, when added together, equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as a basis for determining the proper amount of progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work. The Schedule of Values shall conform to all requirements of the Contract Documents. Upon completing its review, Engineer will return the Schedule of Values to Contractor identifying any exceptions to the form or content of the proposed Schedule of Values. Contractor shall promptly revise and resubmit the Schedule of Values to address any exceptions noted by Engineer. As the Work progresses, Contractor shall modify the Schedule of Values to include any credits or approved change orders, or as otherwise required or allowed by Engineer. Contractor will modify the Schedule of Values to conform to any requirements requested by Engineer regardless of whether Contractor agrees or disagrees with the requested modification. Contractor shall incorporate the Schedule of Values into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the quantities completed.

B. Applications for Payments

- a. Pursuant to the Construction Contract Retainage Act, Act No. 524, Michigan Public Acts of 1980, as amended, MCL 125.1561 *et seq.*, Owner hereby designates Engineer as the person to whom Applications for Payment shall be submitted. Contractor _____ hereby _____ designates _____ as the person who will submit Applications for Payment to Owner.
- b. No payment will be made for materials furnished which are not incorporated in the finished Work, unless otherwise agreed to in writing by Owner. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored, insured and secured at the Site or at another location agreed to in writing, the Application for Payment also shall be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
- c. Materials that may be considered for payment as stored material must be located on Owner's property and/or within the State of Michigan. Contractor also must submit the request for payment for stored materials to Owner while the Schedule of Values is submitted to Engineer.
- d. Materials that that are not eligible for payment as stored materials include the following:

- i. Perishable materials (example: cement, epoxy, etc.).
- ii. Raw materials (un-fabricated steel, piping, etc.).
- iii. Materials to be incorporated into the work in less than thirty (30) days or beyond one hundred, eighty (180) days.
- iv. Contractor's equipment (formwork, shoring, etc.).
- e. As an aid to Owner in evaluating estimates for progress payments, Contractor may be required to submit to Owner for approval a breakdown of some or all contract unit prices into their essential component parts. The sum of the component parts shall not exceed the total Contract Price on a per unit basis as established in the Bid.
- f. Each month, following the Notice to Proceed, Contractor shall prepare and submit to Engineer for review a draft Application for Payment using AIA Documents G-702 and G-703 or such other forms as Owner may allow, which shall be certified with a reference to the Federal False Claims Act. The Application for Payment shall reflect all Work completed since the prior Application (if any) and shall meet all other requirements of the Contract Documents. Each Application for Payment must strictly comply with and include all the following:
 - i. a notarized Contractor's Declaration (on a form provided by Owner) declaring that it has not performed any Work, furnished any material, sustained any loss, damage or delay, for any reasons, including soil conditions encountered or created, or otherwise done anything for which it will ask, demand, sue for, or claim compensation from Owner other than as indicated on Contractor's Declaration;
 - ii. receipts or other vouchers showing Contractor's payments for materials and labor, including payments to Subcontractors;
 - iii. a current, properly completed notarized Sworn Statement, on the Michigan statutory form, listing each Subcontractor, supplier and laborer having a contract with Contractor in the current aggregate amount (including adjustments that have been issued as of that date) (Owner reserves the right to require Sworn Statements from Contractor's Subcontractors);
 - iv. Partial Unconditional Lien Waivers and Releases in the form provided by Owner from each subcontractor, supplier and labor identified on Contractor's Sworn Statement, or Subcontractor's Sworn Statement, if requested;
 - v. written consent of Contractor's surety;
 - vi. a copy of the then current Construction Schedule Update as returned by

Engineer with "No Exceptions";

- vii. certified payroll reports if, when and as required by Michigan law, and in a form reasonably acceptable to Owner;
 - viii. Daily Reports for each day covered by the time period relating to the Application for Payment and in the form required by the Contract Documents; and
 - ix. such other evidence requested by Owner to satisfy Owner that the Work for which payment is requested has been completed in conformance with the Contract Documents, and that all amounts which have previously been paid for Work performed have been properly distributed to the various Subcontractors, Sub-Subcontractors, laborer, and suppliers.
 - x. Contractor's failure to include the documents and information set forth in items above shall render Contractor's Application for Payment as invalid and of no effect, until such time as all the Contract requirements for making the application are fully complied with by Contractor.
- g. Each month, Contractor, Owner, and Engineer shall meet to review and discuss Contractor's draft Application for Payment. Contractor is responsible for submitting the draft Application for Payment and scheduling the monthly pay application meeting. Following this meeting, Contractor shall revise its draft Application for Payment in accordance with the comments of Owner and Engineer.
- h. Contractor shall submit the revised Application for Payment to Engineer, together with all other documents required to be submitted with an Application for Payment, covering all Work performed since the proceeding Application for Payment (if any). Contractor must timely invoice for its Work. Contractor shall submit Application for Payment no later than fourteen (14) days before a scheduled meeting of Owner's Drainage Board if the Work is being conducted for a Drain Board.
- i. The Application for Payment shall include all accompanying documents and approvals required by the Contract Documents. If Contractor is not known to be in default of any of its obligations under the Contract Documents, the Application for Payment will be certified and presented by Engineer to Owner with a recommendation for approval of the payment. If the Application for Payment is untimely, incomplete, incorrect, fails to include the required documentation, schedules, or certifications, or otherwise fails to conform to the requirements of the Contract Documents, it will not be submitted for approval by Owner.

C. Payment Dates

- a. Owner shall pay the Application for Payment within one of the following time periods, whichever is later, as provided by MCL 125.1562(3):
 - i. Thirty (30) days after Engineer has certified the Application for Payment for payment.

- ii. Fifteen (15) days after Owner has received the funds from the applicable department or agency of the federal or state government providing financing for the Project, if any funds are to come from either of those sources.
 - iii. Fifteen (15) days following the scheduled Drainage Board meeting and approval by the Drainage Board.
 - b. Contractor's failure to submit a complete and accurate Application for Payment acceptable to Engineer may delay payment on the Application for Payment.
- D. Conditions of Payment
 - a. Owner's payment (partial or final) shall not be considered as approval or acceptance of the Work or any portion thereof, or of the completeness or accuracy of the Application for Payment.
 - b. If an estimate in an Application for Payment is found to be excessive, future estimates in pay applications shall be adjusted downward to reflect the actual completion status of the Work.
- E. Withholding of Payment
 - a. Owner may withhold payment or, because of subsequently discovered evidence or subsequent review of the Work or Contractor's Applications for Payment, invoice detail and/or submittals, may nullify the whole or any part of any payment previously made, to such extent as may be necessary in its opinion to protect Owner from loss or expense due to any of the following:
 - i. Contractor fails to properly respond to notices issued by Owner pursuant to the Contract Documents;
 - ii. Contractor is in default of any of its obligations under this Agreement or under any of the Contract Documents, and/or is otherwise in default of any other agreement or contract with Owner, whether or not related to this Contract;
 - iii. Any part of such payment that is attributable to Work which is Defective, as determined by Engineer; provided, however, such payment shall be made as to the part thereof attributable to Work which is performed in accordance with the Drawings and Specifications and is not Defective, reserving, however, such amount as Engineer shall determine necessary to protect Owner with respect to Defective Work;
 - iv. Contractor has failed, within ten (10) calendar days of receipt of payment from Owner, to make payments not in dispute promptly to Contractor's subcontractors, sub-subcontractors, laborers, or suppliers or for material, labor or services used in the Work; Contractor promptly shall notify Owner if any such dispute exists;

- v. Any part of such payment is attributable to Work that Owner has been notified of a claim or dispute or has received reasonable evidence indicating the existence of such a claim or dispute, unless Contractor provides reasonable evidence of its ability to resolve the dispute and pay any amount owed;
 - vi. Owner has a reasonable belief the Work will not be completed within the Contract Times established under the Contract Documents;
 - vii. Owner reasonably believes that the portion of the Contract Price then remaining unpaid will not be sufficient to pay for Work not completed to date or to complete the Work in accordance with the Contract Documents;
 - viii. An Application for Payment is not in the exact form required by the Contract Documents;
 - ix. Contractor has failed to submit and obtain approval for a Schedule, Schedule update, make-up schedule or other documents required in the Contract Documents required for a complete and valid Application for Payment;
 - x. Contractor's Payment and/or Performance Bond Surety provides Owner with a notice to withhold further funds according to the terms of the Surety Bonds and/or indemnity agreement with Contractor;
 - xi. At the written direction of Contractor's bond company; and
 - xii. Owner is otherwise entitled to a setoff against Contractor.
- b. If Owner elects to withhold a portion of a payment otherwise due to Contractor for any of the reasons identified above, Owner shall submit a written statement to Contractor describing the disputed items and shall have the right to require Contractor to prepare and submit to Owner a revised Application For Payment, as directed by Owner, to facilitate payment of the undisputed amount, if any, otherwise due to Contractor. Alternatively, Owner shall have the right (but not the obligation) to revise Contractor's Application for Payment to show the amount withheld by the Owner.
- c. Whenever Owner reasonably determines, after notice to Contractor, that there is a basis for concern that payments properly owing to any subcontractor, supplier, surety, or laborer are not being made on a timely basis, Owner may elect, but shall not be obligated to make, payments to the joint order of Contractor and such subcontractor, supplier, or laborer, with any such payments satisfying any payment obligation otherwise owing by Owner to Contractor. Alternatively, Owner may, but is under no obligation to make, direct payment to any subcontractor, supplier, or laborer of Contractor, and such amounts directly paid shall otherwise satisfy any payment obligation owing by Owner to Contractor for the Work. Owner's option to withhold payment from Contractor, or to make joint payments or direct payments shall not create an intended third beneficiary relationship with any other person or entity, it being agreed and understood Owner has the right to withhold payment,

or to make such joint and direct payments but is not otherwise obligated (nor may it be compelled) to make such joint and/or direct payments.

- d. Owner also may elect at any time to require payments be made through a construction escrow, in which event Contractor shall supply all customary forms and indemnities as may be required to satisfy the conditions to disbursement established by the applicable escrow agent.

F. Retainage from Payments

- a. Each payment from Owner to Contractor shall cover the amount due to Contractor for Work completed through the date of the Application for Payment; provided, however, retainage in the amount of ten percent (10%) of each payment made or due from Owner to Contractor ("Retainage") shall be withheld from each payment until the Work on the Project is fifty percent (50%) complete as determined by the dollar amount of approved Applications for Payment. No further Retainage will be withheld once the Work is fifty percent (50%) complete unless Owner determines that Contractor is not making satisfactory progress, or for other specific cause relating to Contractor's performance under the Contract. Retainage shall be withheld in compliance with MCL 125.1563. The provisions of MCL 125.1563 shall govern over any provisions contained herein that are found to conflict with the provisions of the statute.
- b. Owner's right to withhold Retainage is in addition to Owner's right to withhold payment under the Contract Documents to protect Owner from specific identified problems and claims and other costs for which Contractor is responsible. Owner is not required to use Retainage amounts to protect Owner from the costs and liability arising from claims and other problems caused by Contractor or for which Owner may make deductions under the Contract Documents.
- c. Owner shall have the right, but not the obligation, to release Retainage related to a subcontractor who achieves Final Completion of its subcontracted portion of the Work under the subcontract substantially earlier than Final Completion of the entire Work, but only upon the written recommendation of Contractor that such Retainage should be released. This option is entirely discretionary and shall create no obligation for Owner, nor is this option intended to create any benefit to third parties.
- d. At the time of Substantial Completion of the Work, Contractor may make written application for a partial release of Retainage held by Owner. Owner shall have no obligation to approve such application but may do so in its sole discretion. Should Owner agree to such request, considering Contractor's performance, the performance of Contractor's subcontractors, and other factors as determined by Owner in its sole and absolute discretion, the amount retained to the date of the request may be reduced by Owner to a lower lump sum amount. Owner's agreement to such partial release of Retainage shall not change the percentage retained from future Applications for Payment, if any, after the date of the partial release, if Owner has elected to continue withholding Retainage from Contractor's Applications for Payment.

- e. All retained amounts and interest earned on retainage not otherwise disbursed will be paid with Contractor's Final Payment. Contractor shall provide Owner with consent from the Surety for any release of retention. In the event of a dispute as described in MCL 125.1564(3), the parties shall abide by the provisions of said statute and agree to submit the dispute to Engineer to determine the rights of the parties to retained funds and interest earned thereon. Engineer shall follow the dispute resolution process provided in the statute and its decision shall comport with the requirements therein. This dispute resolution process is not intended to alter, abrogate, or limit any rights with respect to remedies that are available to enforce or compel performance of the terms of the Contract by either party.

9. SUBSTANTIAL COMPLETION

- A. When Contractor considers that the Work or any portion of the Work is ready for its intended use, Contractor shall submit a written certification to Engineer and Owner that the Work, or designated portion of the Work, is substantially complete. Such certification shall include (1) a list of major items to be completed or corrected and (2) a request that Engineer issue a Certificate of Substantial Completion.
- B. Within ten (10) days of receipt of Contractor's certificate, the Engineer will inspect together with Owner and Contractor to determine whether the Work is substantially completed. Should the Engineer consider the Work or designated portion of the Work substantially complete, the Engineer shall prepare and submit to Engineer and Contractor a tentative Certificate of Substantial Completion together with a list of items to be completed or corrected as determined by the inspection, i.e., the Punch List.
- C. If the Engineer determines that the Work is not substantially complete, it will issue written notice to Contractor stating the reasons why the Work is not ready for its intended use. After the Contractor completes the Work in the original notice, it shall send a second written notice to Engineer certifying that the Project, or designated portion of the Project, is substantially complete.
- D. If following the reinspection of the Work the Engineer determines that the Work is substantially complete, it will issue a definitive certificate of Substantial Completion to Owner, Engineer and Contractor that establishes the date of Substantial Completion; the responsibilities of Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance, as applicable; identifies the estimated cost to complete the Punch List items; and fixes the time within which Contractor shall finish all Punch List items (but within the date required for Final Completion). Warranties required by Article 47 [Warranty-Guarantee] of the General Conditions shall commence on the date of Final Completion of the Work or designated portion thereof unless otherwise provided elsewhere in the Contract Documents or in the Certificate of Substantial Completion.

10. FINAL PAYMENT

- A. Neither Final Payment nor any remaining Retainage shall become due until Contractor has completed all of the Work on the Project, including any Punch List items, as acknowledged by Owner and Engineer, Owner and Engineer have issued written acknowledgement of Final Completion on Owner's approved Certificate of Final Completion, and Contractor has completed and/or submitted to Owner all of the following:
 - (1) Contractor's Final Declaration and Contractor's Affidavit (on a form provided by Owner)

that payrolls, bills for materials and equipment, and other indebtedness connected with the Work have been paid or otherwise satisfied; (2) consent of all sureties to Final Payment; (3) final record Drawings, including record Drawings marked by the Contractor with record information set forth in the Contract Documents and Contractor's coordination drawings; (4) the final versions of all manufacturers' warranties; (5) a final sworn statement from Contractor in the form set forth in the Michigan Construction Lien Act duly executed and notarized showing all of Contractor's subcontractors, suppliers and laborers to be fully paid; (6) Full Unconditional Lien Waivers and Releases in the form provided by Owner from all subcontractors, suppliers and laborers identified on the final Sworn Statements submitted by Contractor and Subcontractors, if required; (7) releases of all required permits; and (8) an approved Maintenance and Guarantee Bond, and (9) all other conditions set forth in the Contract Documents.

- B. Contractor shall submit an Application for Final Payment when all Work is finally complete in accordance with Contractor's obligations under the Contract Documents. Contractor's Application for Final Payment shall include a request for payment of the Retainage held by Owner if Retainage otherwise has not been released at an earlier point in time.
- C. Contractor's Application for Final Payment shall itemize all timely asserted claims and disputed amounts that remain unresolved at the time of submission. All claims or disputed amounts shall include the designation of the amount that remains in dispute and a reference by date and correspondence number to the specific Notice of Claim and substantiation of the claim submitted by Contractor in accordance with the Contract Documents. The Final Application for Payment shall indicate only the amount that remains in dispute for each disputed claim and shall not include original claim amounts where a portion of the claim or disputed amount has been resolved.
- D. The acceptance of the Final Payment (in whole or in part) by Contractor shall constitute a full and final release of Owner and waiver of all claims against Owner arising out of or in connection with the Project and/or Contract Documents, except only those specific claims of Contractor timely made in writing as required by the Contract Documents and itemized in the attachment to Contractor's Final Application for Payment. Notwithstanding anything to the contrary herein, Contractor's written itemization of reserved claims may not revive claims which were waived by Contractor because of its failure to timely assert such claims accordance with the Contract Documents.

11. DISPUTE RESOLUTION

- A. Notwithstanding anything to the contrary herein, and assuming the Parties have completed the Disputed Work procedure in the General Conditions, or Owner has waived any such requirements, any remaining unresolved claims by Contractor against Owner or Owner against Contractor first shall be resolved through a meeting between Contractor's highest officer familiar with the Project and Owner's highest level staff member, and such meeting shall occur no earlier than thirty (30) days after Final Completion. At Owner's option, this meeting may be conducted by a facilitator mutually acceptable to the Parties, or, in the event the Parties are unable to agree on a facilitator, the Parties shall select a facilitator according to the American Arbitration Association Construction Industry Rules for Mediation. The meeting between Contractor's highest officer and Owner's highest official is a condition precedent to Contractor initiating litigation or demanding arbitration (if elected by Owner). Contractor agrees to participate in the facilitative mediation with all third parties Owner believes necessary to resolve the dispute, such as the Engineer or an insurer.
- B. Claims and disputes between Owner and Contractor shall be resolved by litigation in the Circuit Court for Oakland County, Michigan (a court Contractor agrees has personal jurisdiction over it and is a convenient venue) unless Owner, at its sole option, elects to have the Claim or dispute resolved in a different venue (such as the Michigan Court of Claims) or by arbitration. Contractor shall be bound by Owner's election, and any litigation already commenced at the election of Owner shall be transferred to Owner's chosen venue, dismissed without prejudice, or stayed pending the conclusion of the arbitration proceedings if Owner elects to have the Claim or dispute resolved by arbitration.
- C. If Owner elects arbitration, the proceeding, unless the parties agree otherwise, shall be conducted in accordance with the American Arbitration Association's Construction Industry Arbitration Rules then in effect. Owner, at its sole discretion, may consolidate an arbitration conducted under this provision with any other arbitration to which it is a party, provided the arbitrations to be consolidated involve common questions of law or fact. Owner may also, at its sole discretion, include by joinder persons or entities involved in a dispute with a common question of law or fact such as the Engineer or an insurer. This agreement to arbitrate with Owner and others shall be specifically enforceable in any court having jurisdiction. The award rendered by the arbitrator or arbitrators shall be final, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction.
- D. Waiver of Jury Trial. If the dispute is litigated in Oakland County Circuit Court, EACH PARTY HEREBY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY PROCEEDING BROUGHT UNDER THIS AGREEMENT. Each party (a) certifies that no representative of the other party has represented, expressly or otherwise, that such other party would not, in the event of litigation, seek to enforce the foregoing waiver and (b) acknowledges that it and the other party has been induced to enter into this Agreement by, among other things, the mutual waivers and certifications in this Article 11.
- E. Notwithstanding anything to the contrary herein, to the fullest extent permitted by law, Owner's total liability to Contractor in any action, proceeding, arbitration or judgment shall not exceed the Contract Price adjusted in accordance with the Contract Documents. Contractor waives all claims for damages more than the Contract Price. Further, in no

event shall Owner, or any director, officer, employee, agent, successor or assign of Owner, be liable to Contractor, or anyone claiming through or related to Contractor, whether based on contract, tort, negligence, warranty, indemnity, strict liability, delay, error or omission, other otherwise, for any consequential, special, incidental, indirect, punitive, exemplary or multiple damage or damages arising from or in connection with loss of use or loss of revenue or profit, actual or anticipated, on this or other projects, increased expense of manufacturing or operation, loss of bonding capacity, or cost of capitals, including any consequential damages due to its termination, and Contractor hereby releases Owner, and any director, officer, employee, agent, successor or assign of Owner, from all such liability. Any action resulting from any alleged breach of contract or claim of negligence of Owner must be commenced within one year of the date of Substantial Completion (and documented as required by the Contract Documents) or Contractor will be deemed to have irrevocably waived any such cause of action.

- F. The pendency or possibility of a dispute between Owner and Contractor shall not interfere with the progress of the Work by Contractor, nor shall Contractor be permitted to suspend the Work, slow the performance of the Work, and/or terminate the Work except as specifically provided for in the Contract Documents.
- G. The parties acknowledge and agree that during the Project, claims may arise from time to time which have a small dollar value and that it would not be an efficient use of the parties' respective resources to litigate or arbitrate each such claim individually. Therefore, notwithstanding anything to the contrary in this Article 11 or elsewhere in this Agreement, Contractor shall not have the right, prior to Final Completion or the earlier termination of this Agreement, to initiate the dispute resolution proceedings in the Contract Documents against Owner unless the aggregate amount of Contractor's claim(s) against Owner is at least ten percent (10%) of the Contract Price and only as to those claims that have gone through the six-step Disputed Work procedure in the General Conditions.
- H. Notwithstanding anything to the contrary herein, Contractor shall pay Owner its costs and attorneys' fees to obtain the dismissal of any improper action filed by Contractor in breach of its obligations in Articles 11.A. and/or 11.G.

12. MISCELLANEOUS

- A. Contractor acknowledges that it has not received or relied upon any representations or warranties of any nature whatsoever from Owner or Engineer, or their respective agents or employees, not set forth in the Contract Documents and that this Contract is entered into solely upon Contractor's own investigations, careful deliberations, and independent business judgment.
- B. If any article, paragraph, sentence, clause, or phrase of these Contract Documents shall be held invalid, the same shall not affect any other part of these Contract Documents.
- C. Contractor will not replace its key people assigned to the Project without the prior written approval of Owner, which will not be unreasonably withheld.
- D. Contractor shall not make any public presentation or public relations communication regarding the Project without the express written consent of Owner.

- E. Contractor understands the Project may be subject to Federal, State of Michigan, or local requirements for such things as prompt payment and equal opportunity in employment. Contractor will ascertain the applicability of any such requirement and comply with it.

13. GOVERNING LAW

This Agreement is made and entered into in the State of Michigan and shall in all respects be interpreted, enforced, and governed under the laws of the State of Michigan. The language of all parts of this Agreement is intended to and, in all cases, shall be construed as a whole, according to its fair meaning, and not construed strictly for or against any Party. As used in this Agreement, the singular or plural number, possessive or non-possessive shall be deemed to include the other whenever the context so suggests or requires.

14. INTERPRETATION OF CONTRACT

The language of all parts of this Contract is intended to and, in all cases, shall be construed according to its fair meaning, and not construed strictly for or against any party. If any article, paragraph, sentence, clause, or phrase of these Contract Documents shall be held invalid, the same shall not affect any other part of these Contract Documents. As used in this Contract, the singular or plural number, possessive or non-possessive shall be deemed to include the other whenever the context so suggests or requires.

15. NO RELIANCE

Contractor acknowledges that he has not received or relied upon any representations or warranties of any nature whatsoever from Owner or Engineer, or their respective agents or employees, and that this Contract is entered into solely upon Contractor's own investigations, careful deliberations, and independent business judgment.

16. CAPTIONS

The article headings or titles and/or all article numbers contained in this Agreement are intended for the convenience of the reader and not intended to have any substantive meaning and are not to be interpreted as part of this Agreement.

17. SEVERABILITY

Each portion of this Agreement and the Contract Documents shall be deemed severable to the extent practical while maintaining the enforceability and intent of this Agreement. Any portion of this Agreement held to be unenforceable shall be severed from the Agreement with the remaining provisions continuing in full force and effect.

WITNESS

COUNTY OF OAKLAND:

Signature: _____

Print Name: _____

Title: _____

WITNESS

CONTRACTOR: V.I.L. Construction, Inc.

Signature: _____

Print Name: _____

Title: _____

ASSIGNMENT AND ASSUMPTION AGREEMENT

This Assignment and Assumption Agreement (this “*Agreement*”) is entered into as of March 24, 2026 (the “*Effective Date*”), by and between the County of Oakland (“*County*”), and the Mainland Drain Drainage District, a drainage district organized under Chapter 280 of Act 40 of the Public Acts of 1956 (“*Drainage District*”). The County and the Drainage District may be individually referred to herein as “*Party*” and collectively as the “*Parties*.”

RECITALS

- A. The County and V.I.L. Construction, Inc. (“*Contractor*”) are parties to a Master Services Agreement, Contract No. 010851, dated May 1, 2024 (the “*MSA*”).
- B. Pursuant to the MSA, the County and Contractor entered into a Work Order and Contract Amendment dated March 24, 2026 (the “*Work Order*”) for the construction of certain improvements relating to the Mainland Drain, including culvert construction and replacement (the “*Project*”).
- C. The County desires to assign to the Drainage District, and the Drainage District desires to accept, all of the County’s right, title, interest, obligations, and responsibilities under the MSA and the Work Order solely as they relate to the Project, on the terms and conditions set forth in this Agreement.
- D. The Work Order expressly authorizes the assignment contemplated by this Agreement, and provides that upon such assignment, the Drainage District shall be deemed the Owner for all purposes under the Contract Documents relating to the Project.¹ The Parties intend that the assignment described herein occur contemporaneously with execution of the Work Order and prior to the commencement of any Work on the Project.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the Parties agree as follows:

- 1. **Assignment.** The County hereby assigns, transfers, and conveys to the Drainage District, effective as of the Effective Date, all of the County’s rights, title, interests, duties, obligations, and liabilities under the Work Order, attached hereto as **Exhibit A**, and all documents referenced in or incorporated into the Work Order, to the extent they relate to the Project (the “*Assigned Contract*”).
- 2. **Assumption.** The Drainage District hereby accepts the assignment of the Assigned Contract and assumes and agrees to perform, satisfy, and discharge, from and after the Effective Date, all duties, obligations, and liabilities of the County arising under the Assigned Contract.

¹ All capitalized terms used but not defined herein have the meanings ascribed to them by the Work Order and the MSA or as otherwise defined by the General Conditions incorporated into the Work Order.

- 3. Status of Parties.** From and after the Effective Date, the Drainage District shall be deemed the Owner for all purposes under the Assigned Contract. The County shall have no further obligations, duties, or liabilities to Contractor under the Assigned Contract accruing from and after the Effective Date, including, without limitation, any obligation for payment, claims, or damages related to the Project. From and after the Effective Date, Contractor shall look solely to the Drainage District for the performance of all obligations of Owner under the Assigned Contract. Nothing in this Agreement shall be construed to assign or transfer the County's rights or obligations under the MSA or any other project, work orders, or amendments unrelated to the Project.
- 4. Funding and Payment Responsibility.** The Drainage District shall be solely responsible for funding and payment of all amounts due under the Assigned Contract. The County shall have no obligation to advance, loan, or otherwise provide funds for the Project. Notwithstanding the foregoing, the Parties acknowledge that all or a portion of the Project costs may be eligible for reimbursement or direct payment from the Michigan Department of Transportation (MDOT) or another third-party funding source. The availability or receipt of any such third-party funds shall not relieve the Drainage District of its payment obligations under the Assigned Contract unless and until such funds are actually received. If third-party funds are received by the County for the Project, the County shall, within a reasonable time, either (a) transfer such funds to the Drainage District, or (b) apply such funds to payment of Contractor in accordance with the terms of the Assigned Contract.
- 5. Indemnification.** To the fullest extent permitted by law, the Drainage District shall indemnify, defend, and hold harmless the County and its elected officials, employees, and agents from and against any and all claims, demands, damages, losses, liabilities, costs, and expenses (including reasonable attorney fees) arising out of or relating to the Project, the Work, the Work Order, or this Agreement.
- 6. No Third-Party Beneficiaries.** This Agreement is for the sole benefit of the County and the Drainage District and shall not be deemed to confer any rights or remedies upon Contractor or any other third party.
- 7. Governing Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan.
- 8. Entire Agreement; Amendments.** This Agreement constitutes the entire agreement between the Parties with respect to the assignment described herein and may be amended only by a written instrument executed by both Parties.
- 9. Survival.** Sections 3, 4, 5, 6, 7, and 8 of this Agreement shall survive the termination or completion of the Project and the Assigned Contract.
- 10. Counterparts.** This Agreement may be executed in counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

Signatures transmitted or made electronically or by electronic signature platform shall be deemed original signatures for all purposes.

IN WITNESS WHEREOF, the Parties have executed this Assignment and Assumption Agreement as of the date first written above.

COUNTY OF OAKLAND

MAINLAND DRAIN DRAINAGE DISTRICT

By: _____
Name: _____
Title: _____
Date: _____

By: _____
Name: _____
Title: _____
Date: _____

Exhibit A

**Jim Nash Oakland County Water Resources Commissioner
Mainland Drain Drainage District
For the MDOT Culvert Improvements Project
Oakland County, Michigan**

Engineering Work Order No. D-500

Date: 3/13/2026

To: GEI Consultants

**For: Mainland Drain MDOT Culvert Improvements Project
Construction Engineering Services**

DESCRIPTION

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the Mainland Drain MDOT Culvert Improvements Project that falls under contract no. CON00010887. This EWO serves as your approval for compensation of the following additional services as delineated in your attached proposal dated March 12, 2026.

Scope of Services

- GEI will perform 2 to 3-hour site visits per week through MDOT construction period (5 hours each trip) for key construction activities.
- Progress meetings will be virtual and bi-weekly, as needed to meet the demands of the work.
- GEI will subcontract construction material testing with Soils and Structures for backfill density testing, sub-base density testing, concrete cylinder testing, and concrete flexural beam testing.
- GEI will provide anticipated scope of services from WRC:
 - Review & advise regarding in-field construction conflicts with existing utilities or materials.
 - Respond to contractor inquiries during the project.
 - Assist in reviewing quantities for pay estimates and making recommendations.
 - Reviewing submittals to ensure requirements are met.
 - Attend progress meetings, prepare agenda and meeting minutes.
 - Prepare change orders, as needed.
 - Provide support to address residential requests.
 - Prepare final punch list and project close out documents.

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 Engineering Services Agreement is to be increased by a not to exceed amount of \$89,686.00. This amount is not to be exceeded without written authorization from this office.

RECOMMENDED	DATE: 3/13/2026	ACCEPTED	DATE: 3/13/2026
By: <i>Jack Puscas</i>		By: <i>Brian Cenci</i>	
Jack Puscas, P.E. Project Engineer OCWRC		Brian Cenci, P.E. Sr. Manager GEI Consultants	
APPROVED	DATE: 3/13/2026	APPROVED	DATE: March 19, 2026
By: <i>Joel Brown</i>		By: <i>Steven Korth</i>	
Joel Brown, P.E. Chief Engineer OCWRC		Steve Korth, P.E. Chief Manager OCWRC	
Approved by the Drainage District Board on:			

Department No.:		Account No.:	
Fund No.:		Program No.:	
Project No.:		Project Activity:	ENG CON
Contract No:	CON00010887	Contract Exp:	1/11/2029



March 12, 2026

VIA EMAIL: puscasj@oakgov.com

Jack Puscas, PE
Oakland County Water Resources Commissioner
One Public Works Building #95W
Waterford Twp, MI 48328

**Re: MDOT Construction Phase Services Proposal
OCWRC, Mainland Drain – Project No. 2400417
Pontiac, MI**

Dear Mr. Puscas:

GEI Consultants of Michigan, P.C. (GEI) is pleased to provide this proposal for additional construction services for the MDOT portion of the Mainland Drain project. Due to the changing scope of construction that was not originally anticipated in the initial project proposal, GEI estimates that the active construction will take approximately 10 weeks and time between Notice to Proceed until final completion will take 5-6 months.

Scope of Work

GEI has held prior discussions with WRC for the level of effort needed to perform construction services alongside WRC staff to make construction go as smoothly as possible. Below are a few assumptions that have been discussed with WRC while putting revised pricing together.

MDOT Scope Construction Services:

- Time between construction mobilization to demobilization will take approximately 10 weeks, and WRC will have staff on-site full time for this period.
- GEI will perform 2, 3-hour site visits per week through MDOT construction period (5 hours each trip) for key construction activities.
- Progress meetings will be virtual and bi-weekly, as needed to meet the demands of the work.
- GEI will subcontract construction material testing with Soils and Structures for backfill density testing, sub-base density testing, concrete cylinder testing, and concrete flexural beam testing.
- GEI will provide anticipated scope of services from WRC:
 - Review & advise regarding in-field construction conflicts with existing utilities or materials.
 - Respond to contractor inquiries during the project.
 - Assist in reviewing quantities for pay estimates and making recommendations.
 - Reviewing submittals to ensure requirements are met.
 - Attend progress meetings, prepare agenda and meeting minutes.
 - Prepare change orders, as needed.
 - Provide support to address residential requests.
 - Prepare final punch list and project close out documents

Costs

In total **GEI is requesting \$89,686.00** to be added to the MDOT Scope of the Mainland Drain project for construction, design, and bidding services. This total number includes the cost for construction services as well as additional expenses that were incurred during the design and bidding phases of the project.

MDOT Scope Construction Services:

GEI is requesting a budget of \$71,686.00 to perform construction services for the MDOT culvert improvement scope of work. Table 1 below summarizes the costs anticipated by GEI to perform the construction services with the assumptions detailed herein. A more complete table breaking down the effort per scope of item of work can be found attached to this letter.

Table 1: MDOT Construction Services Fee Estimate Summary

Mainland Drain - MDOT Only Work - Construction Services Fee Estimate ¹	Cumulative Hours	Expenses	Calculated Cost
Task. MDOT Construction			
Review Submittals	48		\$ 8,292.00
MDOT Coordination/Utility Coordination	30		\$ 5,040.00
Construction Staking Assistance/Verification ²	24	\$ 440.00	\$ 4,472.00
Construction Oversight/Engineering ³	118	\$ 1,450.00	\$ 21,958.00
Construction Administration (Meetings ⁴ , Change Orders, RFIs, Pay Apps, Closeout, etc.)	90	\$ 440.00	\$ 16,130.00
Project Management	6		\$ 1,122.00
Construction Material Testing (Sub. - Soils & Structures) ⁵	4	\$ 14,000.00	\$ 14,672.00

MDOT Construction Fee Total: \$ 71,686.00

MDOT Scope Design, Bidding, & Coordination:

Additionally, GEI has incurred more costs than originally anticipated during the design and bidding phases to secure the MDOT individual construction permit, perform utility coordination, and prepare bid documents for the project. GEI is requesting an increase of \$18,000 to the previous MDOT scope design and bidding budget to cover the expenses that have already been incurred for the project during the design and bidding process.

Terms and Conditions

We will complete the proposed scope of work per the current terms and conditions for professional services contract with OCWRC. Should you have any questions with regard to the scope of work or costs as presented herein, please contact us.

Sincerely,

GEI Consultants of Michigan, P.C.



Kyle R. Smith, P.E.
Project Engineer



Brian J. Cenci, P.E.
Senior Project Manager

Attachments (1):

- GEI Construction Services Cost Estimate

Mainland Drain
 Owner: OCWRC
 Engineer: GEI Consultants
 Date: 3/12/2026



Mainland Drain - MDOT Only Work - Construction Services Fee Estimate ¹	Sr. PM	PM	Staff Engr	Cumulative Hours	Expenses	Calculated Cost
	B. Cenci, PE	K. Smith, PE	M. Walton, PE			
	\$ 225.00	\$ 168.00	\$ 168.00			
Task. MDOT Construction						
Review Submittals	4	40	4	48		\$ 8,292.00
MDOT Coordination/Utility Coordination		30		30		\$ 5,040.00
Construction Staking Assistance/Verification ²		16	8	24	\$ 440.00	\$ 4,472.00
Construction Oversight/Engineering ³	12	100	6	118	\$ 1,450.00	\$ 21,958.00
Construction Administration (Meetings ⁴ , Change Orders, RFIs, Pay Apps, Closeout, etc.)	10	80		90	\$ 440.00	\$ 16,130.00
Project Management	2	4		6		\$ 1,122.00
Construction Material Testing (Sub. - Soils & Structures) ⁵		4		4	\$ 14,000.00	\$ 14,672.00
MDOT Construction Fee Total:						<u>\$ 71,686.00</u>

MDOT Construction Notes/Assumptions:

- ¹ MDOT construction period will be 10 weeks, anticipated NTP to Final Completion Period being 5-6 months
- ² GEI will support WRC with construction staking as needed. Which includes the creation of staking CAD file.
- ³ GEI will perform 2, 3-hour site visits per week through MDOT construction period (5 hours each trip) for key construction activities.
- ⁴ Progress meetings will be virtual and bi-weekly
- ⁵ Backfill density testing, sub-base density testing, concrete cylinder testing, and concrete flexural beam testing.

Scope of Services from WRC:

- Respond to contractor inquiries during the project.
- Assist in reviewing quantities for pay estimates and making recommendations.
- Reviewing submittals to ensure requirements are met.
- Attend progress meetings, prepare agenda and meeting minutes.
- Prepare change orders, as needed.
- Providing support to address resident requests.
- Performing limited site visits to provide support to the WRC inspector, as needed.
- Material testing, as needed.
- Prepare final punch list and project close out documents.

Mainland Drain MDOT Culvert Improvements
ESTIMATE OF TOTAL PROJECT COSTS
REVISED: 3/12/26

	Project Costs
1) Facility Acquisition	
a Construction Cost	\$ 945,925
Subtotal Facility Acquisition	\$ 946,000
2) Engineering Consultants	
a Prelim. Engineering (Study) and Design Phase Services	\$ -
b Construction Phase Services Incl. Materials Testing	\$ 89,686
c Scheduling Consultant	\$ -
d Additional Special Services	\$ -
Subtotal Engineering Consultants	\$ 90,000
3) Project Financing & Legal	
a Project Insurance	\$ -
b Bond Issuance (Legal)	\$ -
c Bond Issuance (Financial Consultant)	\$ -
d Wetland Mitigation	\$ -
Subtotal Project Financing & Legal	\$ -
3) Right of Way	
a Easement Fees	\$ -
b Legal Fees	\$ -
c Permits	\$ -
d County Services	\$ -
Subtotal Right of Way	\$ -
4) Exclusive County Services	
a Administration	\$ 24,605
b Engineering	\$ 48,855
c Inspection	\$ 104,919
d Survey	\$ 8,940
e O&M Startup	\$ -
Subtotal Exclusive County Services	\$ 187,000
8) Project Subtotal	\$ 1,223,000
9) Project Contingency (10%)	\$ 122,000
10) Total Project Cost	\$ 1,345,000

I hereby certify the period of usefulness of these facilities to be 50 years and upwards.

By: Jack Puscas
Jack Puscas, P.E.
Project Engineer

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

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **MAINLAND DRAIN (Construction)**
DATE: Tuesday, March 24, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17640	Zausmer	Invoice No. 267752; Professional Services	\$2,007.50			
				Project Total:	\$2,007.50	
				Grand Total:	\$2,007.50	

10. Ten Mile-Rouge Sanitary Drain

AGENDA

DRAINAGE BOARD FOR THE TEN MILE-ROUGE SANITARY DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present Memorandum requesting the Board authorize the Chairperson to sign the Easement Use Agreement to accommodate the property owner's proposed improvements within the existing Ten Mile Rouge Sanitary Drain easement
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE TEN MILE-ROUGE SANITARY DRAIN**

February 24, 2026

A meeting of the Drainage Board for the Ten Mile-Rouge Sanitary Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held August 22, 2017, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A Memorandum requesting that the Board authorize the Chairperson to execute the documents necessary to assign property interests to the Evergreen-Farmington Sanitary Drain Drainage District was presented. It was moved by Markham, supported by Nash, to authorize the Chairperson to execute the necessary documentation to assign property interests to the Evergreen-Farmington Sanitary Drain Drainage District as presented.

ADOPTED: Yeas - 2
Nays - 0

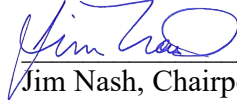
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

I hereby certify that the foregoing is a true and complete copy of the minutes of the meeting of the Drainage Board for the Ten Mile-Rouge Sanitary Drain, Oakland County, Michigan, held on the 24th day of February 2026, 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 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 Ten Mile-Rouge Sanitary Drain Drainage District.



Jim Nash, Chairperson

Dated: February 24, 2026

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairperson of the Ten Mile Rouge Sanitary Drain Drainage Board

FROM: Jeffrey Parrott, Supervisor, Right of Way

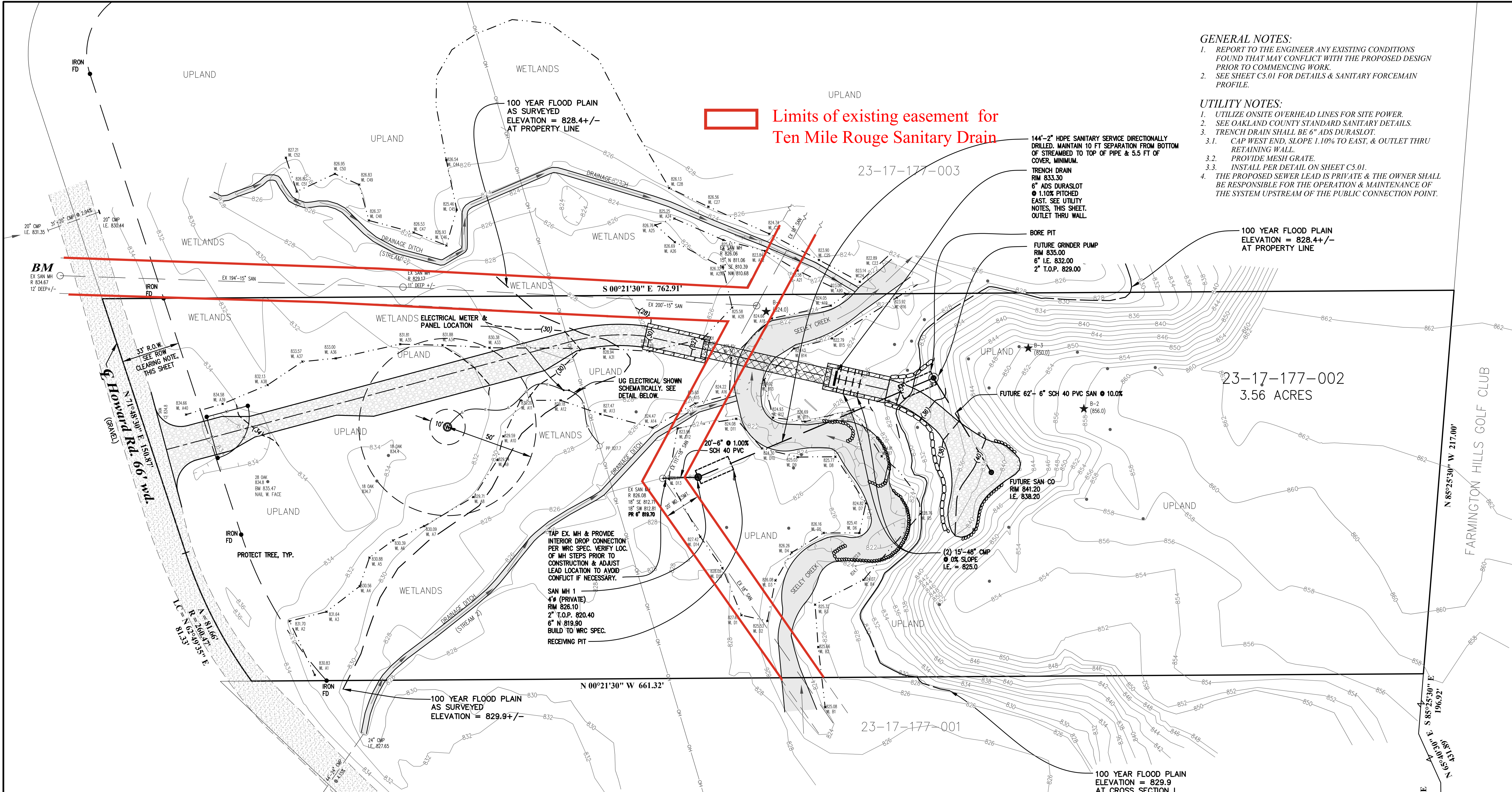
SUBJECT: 36811 Howard Road, Farmington Hills, Easement Use Agreement for Bridge Construction

DATE: March 24, 2026

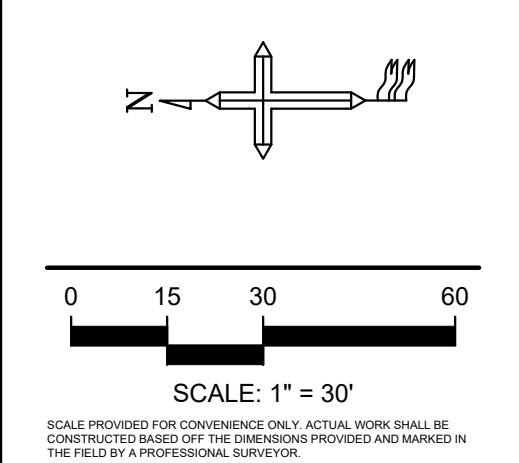
A property owner is proposing to install a bridge for vehicular access within property located in the City of Farmington Hills. The bridge is proposed to be located over and across an existing easement for the Ten Mile Rouge Sanitary Drain. Staff has no objection to the proposed bridge construction provided an Easement Use Agreement is executed by the property owner and the Drainage District.

Attached for your review are relevant construction plans. An Easement Use Agreement has been prepared that will be signed by the property owner.

Requested Action: Authorize the chairperson to sign the Easement Use Agreement to accommodate the property owner's proposed improvements within the existing Ten Mile Rouge Sanitary Drain easement.



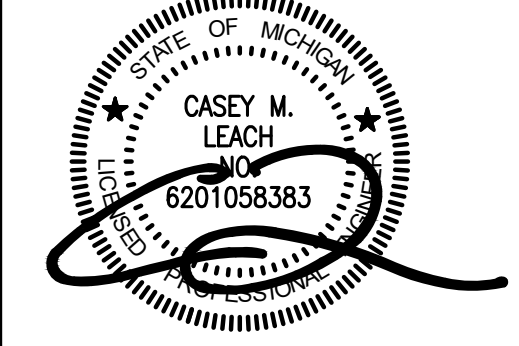
Limits of existing easement for Ten Mile Rouge Sanitary Drain



811
 Know what's below.
 Call before you dig.

CLIENT:
JASON BARTLEY

480 W. TROY ST.
 FERNDALE, MI 48220
 CONTACT: JASON BARTLEY
 PHONE: 248.252.0104
 SEAL:



PROJECT:
HOWARD ROAD PROJECT

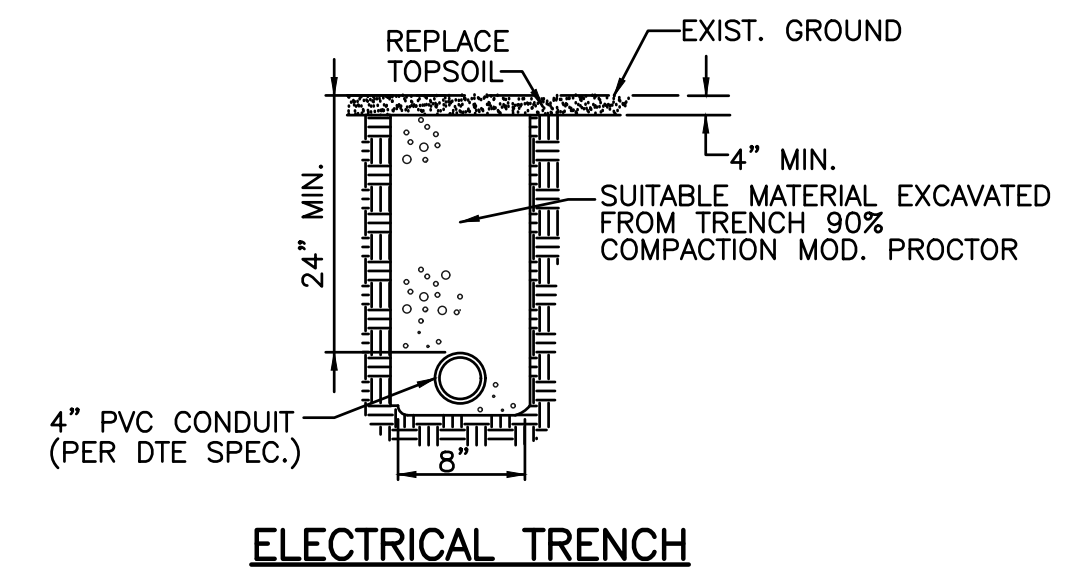
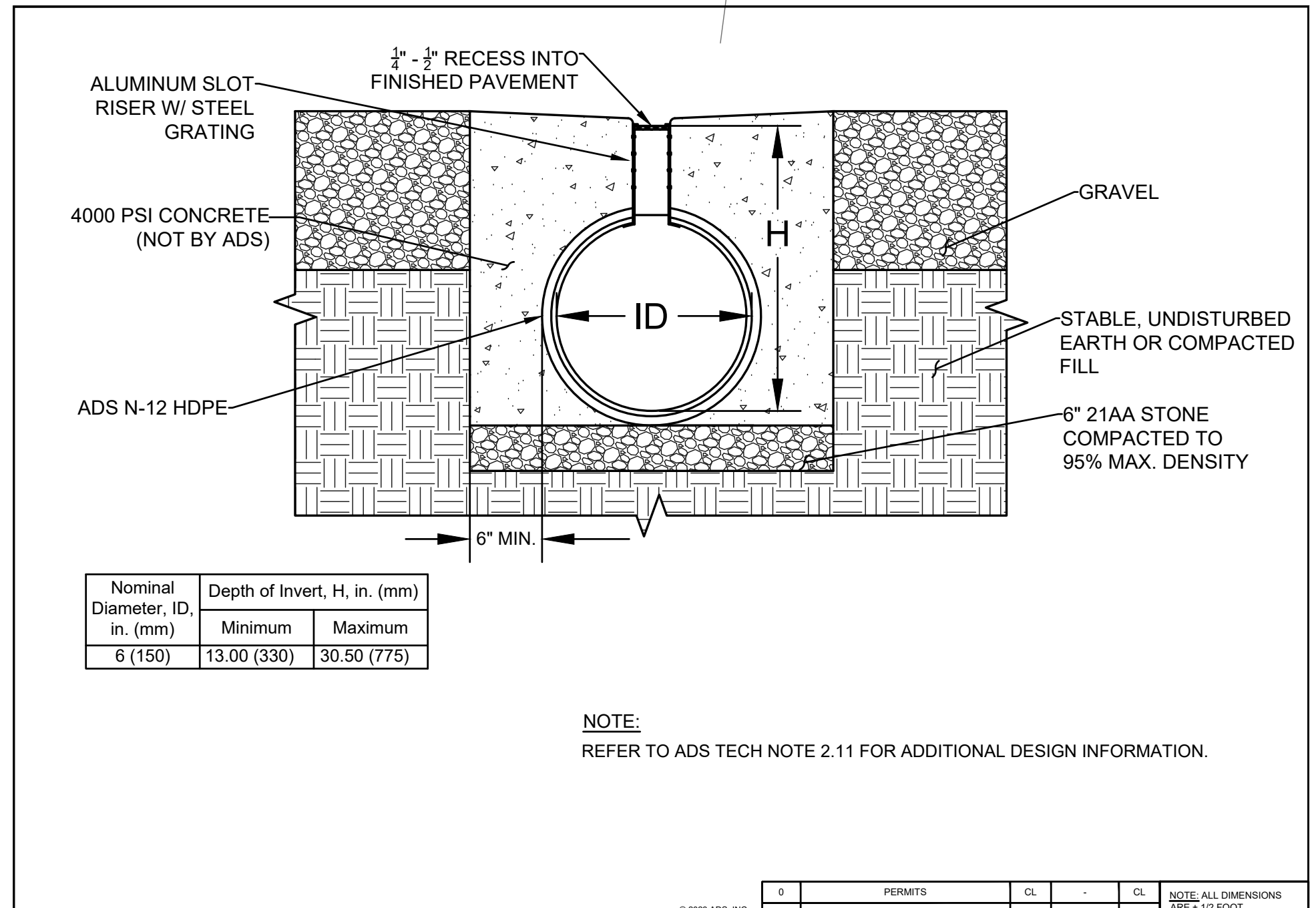
36811 HOWARD ROAD
 FARMINGTON HILLS, MI 48331
 ISSUES / REVISIONS:

HYDRAULIC STUDY RFP	12/12/24
EGL E WEB MEETING	02/20/25
EGL RESUBMITTAL	03/31/25
EGL RESUBMITTAL	05/23/25
EGL RESUBMITTAL	07/01/25
BACKFLOW PREVENTOR	08/06/25
FH REVIEW (09/23/25)	09/30/25
REV. SAN. TO FM	11/13/25
SAN PROFILE	12/11/25

MANAGED: CL
 DESIGNED: CL
 DRAWN: CL

SHEET NAME:
UTILITY PLAN

PROJECT NUMBER: 24003
 SHEET NUMBER: **C1.31**



0	PERMITS	CL	CL	NOTE: ALL DIMENSIONS ARE ± 1/2 FOOT.
1	DESCRIPTION	BY	MM/DD/YY	CHKD
DIA. DET/RET SYSTEM				
Duraslot Heavy Trench Installation				
//ADS				
DRAWING NUMBER: STD-1462A				

GENERAL STRUCTURAL NOTES

GENERAL REQUIREMENTS

DRAWINGS
THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE STRUCTURAL ENGINEERS IN THIS OR SIMILAR LOCALITIES. THEY NECESSARILY ASSUME THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKERS WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, IT IS UNDERSTOOD THAT THE CONTRACTOR WILL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR ALL MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.

MISCELLANEOUS ITEMS
CALCULATION AND DESIGN OF MISCELLANEOUS NON-STRUCTURAL ITEMS, SUCH AS STAIRS, RAILINGS, NON-STRUCTURAL WALLS AND PREFABRICATED STRUCTURAL ITEMS, SUCH AS FLOOR AND ROOF TRUSSES, ARE NOT INCLUDED AND ARE TO BE PROVIDED BY OTHERS UNLESS SPECIFICALLY NOTED ON THESE DRAWINGS.

CONSTRUCTION MEANS AND METHODS
THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING, FORM-WORK, ETC., AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY (INCLUDING UTILITIES) DURING CONSTRUCTION. CONSTRUCTION MATERIALS SHALL BE PLACED ON THE STRUCTURE SUCH THAT THE DESIGN LOADS ARE NOT EXCEEDED.

DIMENSIONS, INSERTS AND OPENINGS
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR OMISSIONS NOTED ON THE DRAWINGS. ANY SUCH DISCREPANCY, OMISSION, OR VARIATION NOT REPORTED BEFORE START OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. WHERE DISCREPANCIES OCCUR IN THESE DRAWINGS, NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS.

CONTRACTOR SHALL ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WITH APPROPRIATE TRADES, DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.

STANDARDS
WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE EDITION REFERENCED IN THE GOVERNING BUILDING CODE.

TYPICAL DETAILS AND NOTES
TYPICAL DETAILS AND NOTES SHALL APPLY, THOUGH NOT NECESSARILY INDICATED AT A SPECIFIC LOCATION ON PLANS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. DETAILS MAY SHOW ONLY ONE SIDE OF CONNECTION OR MAY OMIT INFORMATION FOR CLARITY.

BRIDGE STRUCTURE
BRIDGE STRUCTURE HAS BEEN DESIGNED PER THE FOLLOWING CONDITIONS LISTED. THE OWNER MUST VERIFY ALL DESIGN LOADS LISTED THAT ARE APPLICABLE TO THE BRIDGE SPECIFIC SITE REQUIREMENTS. FOR BRIDGES OVER WATERWAYS, STREAMBED SCOUR UNDERMINING THE ABUTMENTS IS A REAL POSSIBILITY AND MUST BE INVESTIGATED PRIOR TO INSTALLATION.

BASIS FOR DESIGN

GOVERNING DESIGN CODE	AASHTO LRFD BRIDGE DESIGN SPECIFICATION, 6TH ED.
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GRAVITY DESIGN	
DEAD LOAD	SELF WEIGHT OF BRIDGE
VEHICLE LOAD	HL-93 (75K TRUCK)

SEISMIC DESIGN (AASHTO, SECTION 3)	
BRIDGE TYPE	SINGLE SPAN
SEISMIC ZONE	1
PGA	0.047g
SDS (SHORT PERIOD)	0.152g
SD1 (1-SECOND PERIOD)	0.108g
SITE CLASS	D
Csm	.152g

WIND DESIGN	
BASIC WIND VELOCITY	115 MPH
LATERAL WIND FORCE	70 PSF
UPLIFT WIND FORCE	44 PSF

GUARDRAIL	
MAX SPEED ON BRIDGE	15 MPH
VEHICLE BARRIER RAIL	TL-1 (PARAGON GC-10)

RAIL CAR	
RAIL CAR TYPE	S89x9 (JTTX 353509)
YIELD STRENGTH	50 KSI

STRUCTURAL STEEL

GENERAL
DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE SPECIFICATIONS AND STANDARDS LISTED IN THE BASIS FOR DESIGN.

MEMBERS
STRUCTURAL STEEL MEMBERS SHALL CONFORM WITH THE ASTM STANDARDS AND MATERIAL PROPERTIES PER TYPICAL DETAIL. "STEEL MEMBERS" ASTM STANDARDS AND PROPERTIES UNLESS NOTED OTHERWISE.

WELDING
WELDING PROCEDURES, ELECTRODES, AND WELDER QUALIFICATIONS SHALL CONFORM TO THE BRIDGE WELDING CODE (AWS D1.5).

ALL WELDS SHALL USE A FILLER MATERIAL WITH A TENSILE STRENGTH OF 70 KSI.

WELDING OR TACK WELDING OF HIGH STRENGTH BOLTS (ASTM A325 OR A490) IS NOT PERMITTED.

ALL EXPOSED BUTT WELDS SHALL BE GROUND SMOOTH.

COATINGS
CORROSION RESISTANT PAINT IS TO BE USED ON THE RAILCAR AFTER ALL WELDING IS COMPLETED.

FOUNDATION

ALLOWABLE BEARING PRESSURE
ACCORDING TO THE REFERENCED DESIGN CODE

GEOTECHNICAL REPORT
ENGINEERING SYSTEM SOLUTIONS RECOMMENDS THAT A GEOTECHNICAL REPORT BE COMPLETED PRIOR TO CONSTRUCTION. IN THE EVENT THAT A GEOTECHNICAL REPORT IS NOT PROVIDED, ENGINEERING SYSTEM SOLUTIONS ASSUMES NO LIABILITY FOR THE ENGINEERING EXPERTISE NORMALLY PROVIDED BY A REPUTABLE GEOTECHNICAL ENGINEER.

ENGINEERING SYSTEM SOLUTIONS ASSUMES NO LIABILITY FOR GROUNDWATER OR OTHER MEANS OF FLOODING.

FOUNDATION PREPARATION
AS A MINIMUM THE EXISTING SUBBASE SHALL BE FREE OF COBBLES LARGER THAN 12" IN DIAMETER AND SILT OR CLAY DEPOSITS.

EXISTING SUBBASE SHALL BE SCARIFIED FOR 12" DEPTH AND COMPACTED (95% DRY DENSITY), AND 8" OF WELL-GRADED 3" MINUS GRANULAR MATERIAL BE PLACED ON EXISTING COMPACTED SUBBASE AND COMPACTED (95% DRY DENSITY).

GRADE IS DEFINED AS FOLLOWS
TOP OF PERMANENT EXTERIOR PAVING OR CONCRETE AT LEAST 5 FEET WIDE STARTING AT THE BRIDGE STRUCTURE.

BACKFILL
BACKFILL SHALL NOT BE PLACED AGAINST EXTERIOR WALLS UNTIL THE BRIDGE CAN ADEQUATELY BRACE THE WALL.

BACKFILL AND RECOMPACT ALL TRENCHES. (MIN 90% DRY DENSITY)

DRAINAGE
PROVIDE ADEQUATE DRAINAGE AWAY FROM THE STRUCTURE.

CONCRETE

MATERIAL
MINIMUM 28 DAY COMPRESSIVE STRENGTH FOR SLAB ON GRADE, FOOTING, AND WALLS IS 4500 PSI (DESIGNED FOR 2500).

CEMENT SHALL BE TYPE III.

MAXIMUM W/C RATIO SHALL BE 0.45.

CONCRETE SLUMP SHALL BE 4-6 INCHES.

AIR ENTRAINMENT SHALL BE 4.5% - 6% FOR ALL CONCRETE EXPOSED TO FREEZE-THAW CYCLES.

ALL CONCRETE SHALL BE NORMAL WEIGHT OF 145 POUND PER CUBIC FOOT UNLESS NOTED OTHERWISE. USING HARD ROCK AGGREGATES CONFORMING TO ASTM C33. MAXIMUM AGGREGATE SIZE FOR STRUCTURAL ELEMENTS SHALL NOT EXCEED 3/4".

BATCHING, MIXING, AND TRANSPORTING
BATCHING, MIXING, AND TRANSPORTING CONCRETE SHALL BE PER ACI 301.

CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED LABORATORY AND APPROVED BY THE ENGINEER OF RECORD.

PORTLAND CEMENT SHALL CONFORM TO ACI 301.

WATER SHALL NOT BE ADDED AT THE JOB SITE SUCH THAT THE APPROVED MIX DESIGN W/C RATIO IS EXCEEDED.

FORM WORK
FORM WORK SHALL BE PER ACI 301.

PLACING
PLACING OF CONCRETE SHALL BE PER ACI 301.

PLACING OF CONCRETE BY MEANS OF PUMPING SHALL BE PER ACI 301.

WHERE THERE IS A RISK OF PREMATURE DRYING, SUCH AS IN HOT OR WINDY WEATHER, CURING MEASURES SHALL BE IMPLEMENTED PER THE RECOMMENDATIONS OF ACI 301.

CONSOLIDATION
CONSOLIDATION OF CONCRETE SHALL BE PER ACI 301.

EMBEDDED ITEMS
EMBEDDED ITEMS SHALL BE PLACED PER ACI 301.

CONDUITS AND PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.

EMBEDDED CONDUITS, PIPES, AND SLEEVES SHALL NOT BE LARGER IN DIAMETER THAN 1/3 THE OVERALL THICKNESS OF THE SLAB, BEAM, OR WALL IN WHICH THEY ARE EMBEDDED AND SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS OR ELEMENT WIDTHS ON CENTER.

NO ALUMINUM EMBEDS SHALL BE IN DIRECT CONTACT WITH CONCRETE.

COLD WEATHER CONCRETING
WHEN THE AIR TEMPERATURE IS BELOW 40°F, COLD WEATHER CONCRETE PROCEDURES SHALL BE USED PER ACI 301.

A CONSTRUCTION PLAN SHALL BE SUBMITTED TO THE ENGINEER DETAILING THE PROTECTION PROCEDURES PRIOR TO PLACEMENT OF CONCRETE.

HOT WEATHER CONCRETING
THE MAXIMUM TEMPERATURE OF FRESH CONCRETE AT TIME OF DISCHARGE SHALL BE 95°F.

A CONSTRUCTION PLAN PER ACI 301 AND ACI 305.1 SHALL BE SUBMITTED TO THE ENGINEER DETAILING THE PROTECTION PROCEDURES PRIOR TO PLACEMENT OF CONCRETE WHEN HOT WEATHER CONDITIONS ARE EXPECTED. PLACEMENT OF CONCRETE IN HOT-WEATHER CONDITIONS SHALL BE IN ACCORDANCE WITH ACI 301 AND ACI 305.1.

REINFORCING STEEL

REINFORCING BARS SHALL BE DEFORMED, EXCEPT AS NOTED IN ACI 301.

USE OF EPOXY-COATED BARS IS NOT PERMITTED.

GRADE
ALL WELDED BARS SHALL BE GRADE 60, REFER TO ASTM STANDARD A706.

#4 BARS OR LARGER SHALL BE GRADE 60, REFER TO ASTM STANDARD A615.

#3 BARS OR SMALLER SHALL BE GRADE 40, REFER TO ASTM STANDARD A615.

CLEAR COVER
ALL DIMENSIONS NOT NOTED AS "CLR" ARE TO THE CENTER OF THE BAR.

FOR CLEAR COVER REQUIREMENTS REFER TO TYPICAL DETAIL "MINIMUM COVER FOR REINFORCING STEEL".

REINFORCEMENT SUPPORTS
REINFORCEMENT SUPPORT SHALL BE PROVIDED TO MAINTAIN CLEAR DIMENSIONS SHOWN ON PLANS AND SHALL CONFORM TO ONE OF THE FOLLOWING SUPPORT TYPES: WIRE, COATED WIRE, PRECAST CONCRETE, PLASTIC.

REINFORCEMENT SUPPORT SHALL COMPLY WITH ACI 301.

LAP SPLICING
UNLESS NOTED OTHERWISE TACK WELDING OF REINFORCING BARS NOT ALLOWED.

FOR LAP LENGTH REQUIREMENTS REFER TO TYPICAL DETAIL "LAP LENGTH SCHEDULE".

MECHANICAL SPLICE COUPLERS
MECHANICAL SPLICE COUPLERS SHALL HAVE CURRENT ICC-ES APPROVAL AND SHALL BE CAPABLE OF DEVELOPING 125% OF THE STRENGTH OF THE BAR.

WELDING
WELDING OF REINFORCING BARS, METAL INSERTS, AND CONNECTIONS SHALL CONFORM TO AWS D1.4.

BENDING
BENDING SHALL BE MADE ONLY AT LOCATIONS SHOWN ON PLANS OR DETAILS. ALL REINFORCING SHALL BE BENT COLD. BARS SHALL NOT BE UNBENT AND REBENT. #5 BAR AND SMALLER MAY BE COLD FIELD BENT. #6 BAR AND LARGER SHALL NOT BE FIELD BENT WITHOUT PRIOR APPROVAL FROM ENGINEER.

PLACE AND DETAIL
ALL BARS SHALL BE DETAIL AND PLACED PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.

REINFORCING BARS SHALL BE TIED AT EVERY FOURTH BAR INTERSECTION, STAGGERED

BRIDGE GIRDER BEARINGS

GIRDER BEARINGS SHALL BE PLAIN ELASTOMERIC PADS (PEP) MEETING THE FOLLOWING REQUIREMENTS:

PHYSICAL PROPERTIES	ASTM D4014
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AASHTO ELASTOMER GRADE	3 (TEMPERATURE ZONE C)
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HARDNESS	50 DUROMETER (SHORE A)
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SHEAR MODULUS (G)	95-130 PSI
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HELICAL PIERS

HELICAL STEEL PIERS SHALL BE INSTALLED BY A CONTRACTOR EXPERIENCED IN THE DESIGN AND CONSTRUCTION OF HELICAL PIERS. THESE DEALERS SHALL HAVE SATISFIED THE CERTIFICATION REQUIREMENTS RELATING TO THE TECHNICAL ASPECTS OF THE PRODUCT AND THE ASCRIBED INSTALLATION TECHNIQUES.

IT IS THE RESPONSIBILITY OF THE DEALER AND CONTRACTOR TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES BEFORE STARTING CONSTRUCTION.

HELICAL PIERS SHOULD BE INSTALLED AS SHOWN ON THE PLAN.

HELICAL LEAD SECTIONS AND EXTENSIONS SHOWN IN THE DRAWINGS SHALL BE MANUFACTURED BY A.B. CHANGE COMPANY OR APPROVED EQUAL. ALL COMPONENTS SHALL CONFORM TO THE MATERIAL SPECIFICATIONS AS REFERENCED IN CHANCE MATERIAL SPECIFICATIONS.

THE SIZE AND NUMBER OF HELICAL PIERS SHALL BE AS SHOWN ON THE PLANS.

INSTALLATION UNITS SHALL CONSIST OF A ROTARY TYPE, TORQUE MOTOR WITH FORWARD AND REVERSE CAPABILITIES. THESE UNITS SHALL BE EITHER ELECTRICALLY OR HYDRAULICALLY POWERED. INSTALLATION UNITS SHALL BE CAPABLE OF DEVELOPING THE MINIMUM TORQUE AS REQUIRED BY THE PROJECT AND SHALL BE CAPABLE OF POSITIONING THE HELICAL PIER AT THE PROPER INSTALLATION ANGLE. SEE APPROPRIATE DETAILS. PROPER ANGULAR ALIGNMENT SHALL BE ESTABLISHED AT THE START OF INSTALLATION.

ADAPTERS APPROVED BY DEALER SHALL BE EMPLOYED TO SAFELY CONNECT THE INSTALLATION UNITS TO THE HELICAL PIERS AND EXTENSIONS. ADAPTERS SHALL HAVE A TORQUE CAPACITY RATING AT LEAST EQUAL TO THE MAXIMUM TORQUE RATING OF THE HELICAL PIERS AS SPECIFIED FOR THE PROJECT. AND SHALL BE SECURELY CONNECTED TO THE HELICAL PIER DURING INSTALLATION SO AS TO PREVENT ACCIDENTAL SEPARATION.

IF UNDERGROUND OBSTRUCTIONS ARE ENCOUNTERED DURING INSTALLATION, THE DEALER SHALL HAVE THE OPTION OF REMOVING THE OBSTRUCTION IF POSSIBLE OR RELOCATING THE HELICAL PIER. THIS LATTER OPTION MAY REQUIRE THE RELOCATION OF ADJACENT PIERS.

THE TORQUE APPLIED BY THE INSTALLING UNITS SHALL BE MONITORED THROUGHOUT THE INSTALLATION PROCESS. TORQUE MONITORING DEVICES SHALL BE EITHER A PART OF THE INSTALLING UNIT OR AN INDEPENDENT DEVICE IN-LINE WITH THE INSTALLING UNIT. CALIBRATION DATA FOR EITHER UNIT SHALL BE AVAILABLE FOR REVIEW BY THE OWNER OR THEIR REPRESENTATIVE.

THE HELICAL PIER SHALL BE INSTALLED IN A SMOOTH CONTINUOUS MANNER. THE RATE OF PIER ROTATION SHALL BE IN THE RANGE OF 5 TO 20 REVOLUTIONS PER MINUTE. SUFFICIENT DOWN PRESSURE SHALL BE APPLIED TO ADVANCE THE HELICAL PIER.

THE CONTRACTOR SHALL MAINTAIN CALIBRATION REPORTS FOR EACH TORQUE INDICATOR OR TORQUE MOTOR TO BE USED ON THE PROJECT. THE CALIBRATION TESTS SHALL HAVE BEEN PERFORMED WITHIN 45 WORKING DAYS OF THE SUBMITTAL DATE.

PLAIN EXTENSION MATERIAL MAY BE REQUIRED TO POSITION THE PIER AT THE DEPTH REQUIRED BY THE DESIGNER. EXTENSIONS SHALL BE COUPLED TO THE HELICAL PIER USING HIGH STRENGTH STRUCTURAL BOLTS. THESE BOLTS SHALL BE INSTALLED AND TIGHTENED TO APPROXIMATELY 40 FT. LBS. TORQUE.

THE MINIMUM DEPTH OF INSTALLATION SHALL BE SHOWN ON THE PLANS PROVIDED THE TOP HELIX IS LOCATED AT LEAST (5) FEET BELOW THE SURFACE. IF THE INSTALLER CANNOT ACHIEVE THIS DEPTH THE ENGINEER SHOULD BE CONTACTED BEFORE PROCEEDING FURTHER.

HELICAL PILES SHALL BE INSTALLED TO SPECIFIED EMBEDMENT DEPTH AND TORSIONAL RESISTANCE CRITERIA AS DETERMINED BY THE REGISTERED DESIGN PROFESSIONAL. THE TORQUE APPLIED DURING INSTALLATION SHALL NOT EXCEED THE MAXIMUM ALLOWABLE INSTALLATION TORQUE OF THE HELICAL PILE.

THE HELICAL PIER SHALL BE CONNECTED TO THE STRUCTURE USING AN A.B. CHANGE COMPANY OR APPROVED EQUAL STEEL BRACKET OR APPROVED EQUAL OR A STEEL-REINFORCED CONCRETE HAUNCH DESIGN BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

SUBMITTALS INSTALLATION RECORDS SHALL BE KEPT BY CONTRACTOR, SUBMITTED TO THE ENGINEER AND THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE OWNER, FOR REVIEW AND APPROVAL, WORKING DRAWINGS AND DESIGN CALCULATIONS FOR THE HELICAL PIERS AND ANCHORAGE TO THE GRADE BEAMS PRIOR TO COMMENCING CONSTRUCTION. ALL SUBMITTALS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER. CALCULATIONS SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND 2012/IBC/2013 CBC.

HELICAL PILES SHALL BE PROTECTED FROM CORROSION DUE TO HIGH WATER TABLE.

ON-GOING BRIDGE COMPLIANCE

BRIDGE SHALL BE INSPECTED PER FEDERAL STANDARDS OR PER THE PARAGON BRIDGE WORKS RECOMMENDATIONS.
MINIMUM INSPECTION FREQUENCY:
• INITIAL INSPECTION WITHIN THE FIRST YEAR OF BRIDGE SERVICE
• ROUTINE INSPECTIONS THEREAFTER EVERY 3 YEARS
FAILURE TO INSPECT AND MAINTAIN BRIDGE SHALL BE GROUNDS FOR IMMEDIATE BRIDGE CLOSURE AND SHALL RELEASE ENGINEERING SYSTEM SOLUTIONS AND PARAGON BRIDGE WORKS FROM ANY LIABILITY.

DEFLECTION

LIVE LOAD DEFLECTION AT MIDSPAN = L/243 OR 3.5"
THE AASHTO SPECIFICATIONS RECOMMEND THAT LIVE LOAD DEFLECTIONS BE LIMITED TO L/800. HOWEVER, AASHTO SPECIFICATIONS ARE INTENDED FOR THE DESIGN OF HIGHWAY BRIDGES PER AASHTO 1.1. THIS BRIDGE IS NOT A HIGHWAY BRIDGE AND IS LOCATED ON PRIVATE PROPERTY. SECTION 2.5.6.2 OF AASHTO SPECIFICATIONS DEFINES THE CRITERIA FOR DEFLECTION OF BRIDGES AND STATES THAT DEFLECTION CRITERIA IS ONLY MANDATORY FOR ORTHOTROPIC DECKS. PRECAST REINFORCED CONCRETE THREE-SIDED STRUCTURES, AND DECKS COMPRISED OF METAL AND CONCRETE. THIS BRIDGE DOES NOT HAVE AN ORTHOTROPIC DECK AND HAS NO CONCRETE ON TOP OF THE METAL. THEREFORE, THE DEFLECTION CRITERIA PRESENTED IN THE AASHTO SPECIFICATIONS ARE OPTIONAL. PER THE COMMENTARY IN SECTION 9.5.2 OF THE AASHTO SPECIFICATIONS, THE INTENT ON MANDATING DEFLECTION CONTROL ON CONCRETE OVER METAL DECKS IS PRIMARILY TO PREVENT THE BREAKUP OF THE WEARING SURFACE. THE WEARING SURFACE ON THIS BRIDGE IS ONLY STEEL. SO THERE IS NO NEED TO BE CONCERNED WITH CONCRETE BREAKUP. IN ADDITION, VEHICLES WILL MOVE AT LOW SPEEDS ACROSS THE BRIDGE, AND THERE WILL BE A LOW VOLUME OF TRAFFIC THAT WILL USE THE BRIDGE FOR THESE REASONS. WE FEEL THAT IT IS NOT NECESSARY TO LIMIT THE DESIGN TO L/800. HOWEVER, WE FEEL THAT THE OWNER SHOULD BE INFORMED OF AASHTO RECOMMENDATIONS AND VERIFY IF THIS IS ACCEPTABLE. IF THIS IS NOT ACCEPTABLE THEN THE BRIDGE WILL REQUIRE ADDITIONAL REINFORCING WHICH WILL INCUR ADDITIONAL COSTS TO THE OWNER.

OWNER SIGNATURE	TITLE	DATE
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FINAL APPROVAL

I HAVE EXAMINED THESE DRAWINGS THOROUGHLY AND HEREBY GIVE MY APPROVAL TO START FABRICATION PER THESE DRAWINGS.

OWNER SIGNATURE	TITLE	DATE
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SPECIAL INSPECTIONS

SPECIAL INSPECTION INDEPENDENT OF THE CONTRACTOR, ARCHITECT, AND ENGINEER OF RECORD SHALL BE PROVIDED BY OWNER ACCORDING TO IBC CHAPTER 17. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, NOT THE SHOP DRAWINGS. THE SPECIAL INSPECTOR SHALL SEND REPORTS TO THE OWNER, BUILDING OFFICIAL, ARCHITECT, ENGINEER, AND CONTRACTOR FOR CORRECTION. THE SPECIAL INSPECTOR SHALL SUBMIT A BI-WEEKLY AND A FINAL SIGNED REPORT STATING THAT THE SPECIAL INSPECTION WORK WAS, TO THE BEST OF THEIR KNOWLEDGE, IN CONFORMANCE WITH THE PLANS, SPECIFICATIONS, AND APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.

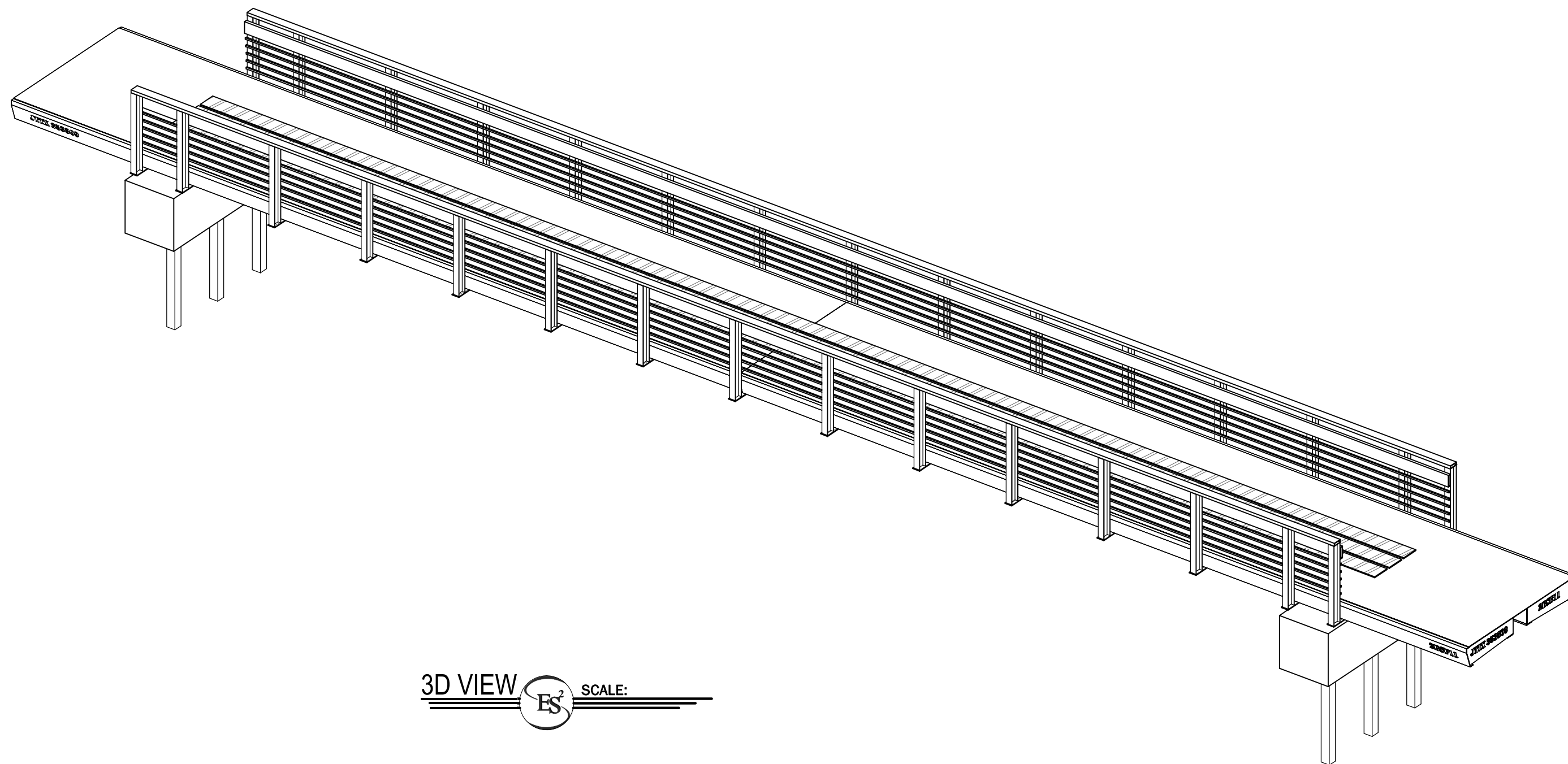
CONTINUOUS OR PERIODIC SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK:

STANDARD ABBREVIATIONS

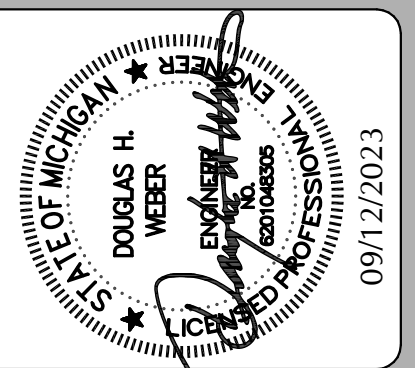
CENTERLINE
(E) EXISTING
AB ANCHOR BOLT
ADDL. ADDITIONAL
ALT ALTERNATE
ARCH ARCHITECTURAL
ASD ALLOWABLE STRESS DESIGN
BLOG BUILDING
BLKG BLOCKING
BN BOUNDARY NAILING OR FASTENERS
BO BOTTOM OF
BOT BOTTOM
CLR CLEAR
CMU CONCRETE MASONRY UNIT
COL COLUMN
CONC CONCRETE
CONT CONTINUOUS
DBA DEFORMED BAR ANCHOR
DBL DOUBLE
DIA OR Ø DIAMETER
DIAG DIAGONAL
DIM DIMENSION
DWG DRAWING
EA EACH
ELEV ELEVATION
EN EDGE NAILING
EQ EQUAL
EQUIP EQUIPMENT
EW EACH WAY
FON FOUNDATION
FF FINISH FLOOR
FLR FLOOR
FN FIELD NAILING
FT FOOT
FTG FOOTING
GA GAUGE
GALV GALVANIZED
GSN GENERAL STRUCTURAL NOTES
GT GIRDER TRUSS
HI HIGH
HORIZ HORIZONTAL
HSS HOLLOW STRUCTURAL SHAPE
HT HEIGHT
K KIP (1,000 LBS)
KLF KIPS PER LINEAR FOOT
KSF KIPS PER SQUARE FOOT
KSI KIPS PER SQUARE INCH
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
L LOW
LONG LONGITUDINAL
LRFD LOAD AND RESISTANCE FACTOR DESIGN
LT LIGHT
MAX MAXIMUM
MECH MECHANICAL
MFD MANUFACTURED
MFR MANUFACTURER
MIN MINIMUM
MISC MISCELLANEOUS
NTS NOT TO SCALE
O.C. ON CENTER
OPP OPPOSITE HAND
PL PLATE
PLF POUNDS PER LINEAR FOOT
PREFAB PREFABRICATION
PRELIM PRELIMINARY
PSF POUNDS PER SQUARE FOOT
PSI POUNDS PER SQUARE INCH
PT PRESSURE TREATED
REINF REINFORCING
REQD REQUIRED
RME ROOF MOUNTED EQUIPMENT
SCHD SCHEDULE
SIM SIMILAR
SMS SHEET METAL SCREW
SPEC SPECIFICATION
STD STANDARD
T&B TOP AND BOTTOM
T&G TOUNGE AND GROOVE
T.O. TOP OF
TRANS TRANSVERSE
TYP TYPICAL
UNO UNLESS NOTED OTHERWISE
VERT VERTICAL
VIF VERIFY IN FIELD
W WITH
W/O WITHOUT
WT WEIGHT
WWF WELDED WIRE FABRIC

SHEET INDEX

SHEET NO.	SHEET TITLE
S0.01	GENERAL STRUCTURAL NOTES
S1.01	BRIDGE FRAMING PLAN AND ELEVATION
S2.01	SECTIONS
S2.02	S89x9 (JTTX 353509) RAIL CAR PROPERTIES



3D VIEW SCALE:



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4943 NORTH 29TH EAST, STE 1
IDaho FALLS, IDAHO 83401
PHONE: (208) 796-2000

PROJECT: HOWARD ROAD BRIDGE
PARAGON BRIDGE WORKS
36811 HOWARD RD
FARMINGTON HILLS, MI 48331
SHEET TITLE: GENERAL STRUCTURAL NOTES

ISSUE:
SUBMIT FOR PERMIT 09/11/23

REVISIONS:
REV DESCRIPTION DATE

DRAWN: EN | CHECKED: MP

PROJECT NUMBER: 23.2604_B23
SHEET NUMBER:

S0.01

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11. City of Pontiac Wastewater Treatment Facility

AGENDA
DRAINAGE BOARD FOR
THE CITY OF PONTIAC WASTEWATER TREATMENT FACILITY

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of January 27, 2026
3. Public Comments
4. Present Debt Assessment Recommendation and Special Assessment Roll for the Debt in the amount of \$2,574,016.00
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

January 27, 2026

A meeting of the Drainage Board for the City of Pontiac Wastewater Treatment Facility was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 27th day of January 2026.

The meeting was called to order by the Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held December 16, 2025, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

A Memorandum requesting the Board receive and file an update on a temporary easement granted to a contractor for use of district property to facilitate MDOT project involving traffic signal replacement on Opdyke Road was presented. It was moved by Markham, supported by Woodward, to receive and file the temporary easement update as presented.

ADOPTED: Yeas - 3
Nays - 0

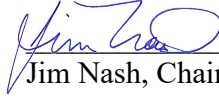
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the City of Pontiac Wastewater Treatment Facility, Oakland County, Michigan, held on the 27th day of January 2026, 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 City of Pontiac Wastewater Treatment Facility Drainage District.


Jim Nash, Chairperson

Dated: January 27, 2026

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

DEBT ASSESSMENT RECOMMENDATION FOR THE

Pontiac WWTF Drain

	<u>Debt Assessment</u>
Revenue Requirements:	
Debt Service	\$ 4,790,650.00
Total Revenue Requirements	<u>\$ 4,790,650.00</u>
Non-Rate Revenue	<u>-</u>
Rate Required Revenue	<u>\$ 4,790,650.00</u>
 <u>Recommended July 1, 2026 through June 30, 2027 assessment:</u>	
Total Anticipated Expenses for July 1, 2026 - June 30, 2027	\$ 4,790,650.00
Revenue from COSDS Contract	<u>\$ (2,216,634.00)</u>
Total Anticipated Funds Needed	<u>\$ 2,574,016.00</u>

TOTAL RECOMMENDED ASSESSMENT

\$ 2,574,016.00

Billings are to be at the end of the calendar quarters.

Prepared by: Raphael Chiolla
Raphael Chiolla - WRC Financial Services

Date: 3/13/2026

Approved by: Gary Nigro
Gary Nigro - Manager, Water Resources Commissioner

Date: 3/13/2026

**SPECIAL ASSESSMENT ROLL FOR THE DEBT
OF THE PONTIAC WWTF DRAIN**

Public Corporation	Percentage of Apportionment	Total Amount of Assessment
City of Pontiac	100.00%	\$ 2,574,016
Total	100.00000%	\$ 2,574,016

*Apportionment based on Final Order of Apportionment dated July 17, 2012.

Assessment Due Date for the Debt: To be collected as the debt invoices are invoiced to Oakland County

I hereby certify that I have prepared the Special Assessment Roll for the Debt of the Pontiac WWTF Drain for the period July 1, 2026 through June 30, 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 Pontiac WWTF Drain

The foregoing Special Assessment Roll for the Debt of the Pontiac WWTF Drain was approved by the Drainage Board on _____.

Jim Nash
Chairman of the Drainage Board for the Pontiac WWTF Drain

12. Edwards Relief Drain

AGENDA

DRAINAGE BOARD FOR EDWARDS RELIEF DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of October 28, 2025
3. Public Comments
4. Present Change Order No. 1 for Doetsch Industrial Services for construction of the Edwards Relief SAW Repairs 2023 Project for a net increase in the amount of \$136,364.70
5. Present Final Construction Estimate No. 2 for Doetsch Industrial Services for construction of the Edwards Relief SAW Repairs 2023 Project in the amount of \$282,546.50
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

October 28, 2025

A meeting of the Drainage Board for the Edwards Relief Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 28th day of October 2025.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: None

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

ADOPTED: Yeas - 3
Nays - 0

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


Construction Estimate No. 1 for Doetsch Industrial Services for construction of the Edwards Relief SAW Repairs 2023 Project in the amount of \$203,358.20 was presented. It was moved by Markham, supported by Woodward, to approve Construction Estimate No. 1 as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

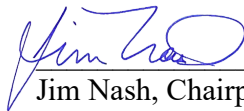


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board of the Edwards Relief Drain, Oakland County, Michigan, held on the 28th day of October 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 Edwards Relief Drain Drainage District.



Jim Nash, Chairperson

Dated: October 28, 2025

BALANCING CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
 Edwards Relief Drain
 For Construction of the Edwards Relief SAW Repairs 2023 Project
 West Bloomfield
 Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. :	CCN6010101	Account No. :	SC730373
Fund No. :	FND82517	Program No. :	PRG155020
Project No. :	PRJ-17416	Project Activity :	STD

Contractor :	Doetsch Industrial Services Inc	Contract No. :	CON00009838
	21221 Mullin	Date of Contract:	9/1/22
	Warren, MI 48089	Completion Date:	8/31/26

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	LOCATION: All Locations, Entire Contract					
	DESCRIPTION					
A.	Change / Add & Delete					
1	Project Manager	Hour	-400	\$85.00	---	\$34,000.00
2	Project Manager (Overtime)	Hour	-11	\$100.00	---	\$1,100.00
3	Equipment Operator	Hour	-194.5	\$75.00	---	\$14,587.50
4	Equipment Operator (Overtime)	Hour	-21	\$90.00	---	\$1,890.00
5	Confined Space Tech	Hour	48	\$75.00	\$3,600.00	---
6	Confined Space Tech (Overtime)	Hour	16.5	\$90.00	\$1,485.00	---
7	Laborer	Hour	-284.5	\$70.00	---	\$19,915.00
8	Laborer (Overtime)	Hour	-9	\$85.00	---	\$765.00
9	Grout Truck	Hour	-99.5	\$100.00	---	\$9,950.00
10	20KW Generator	Hour	-10.5	\$20.00	---	\$210.00
11	20" Ventilation Blower	Hour	-10	\$20.00	---	\$200.00

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease	
12	CCTV Equipment	Hour	9.5	\$120.00	\$1,140.00	---	
13	Supply Truck	Hour	-232.5	\$20.00	---	\$4,650.00	
14	Support Vehicle	Hour	-10	\$20.00	---	\$200.00	
15	Support Trailer	Hour	-10	\$20.00	---	\$200.00	
16	375 CFM Air Comp	Hour	-10	\$40.00	---	\$400.00	
17	High Pressure Jet Truck	Hour	-5	\$135.00	---	\$675.00	
18	Vacuum Truck	Hour	-5	\$120.00	---	\$600.00	
19	Robotic Milling Truck	Hour	-5	\$175.00	---	\$875.00	
20	Grout (Point Injection)	Gallon	7531.24	\$30.00	\$225,937.20	---	
21	Grout (Packer)	Gallon	-30	\$97.00	---	\$2,910.00	
22	10" Pipe Patch	Ea	-1	\$760.00	---	\$760.00	
23	12" Pipe Patch	Ea	-1	\$820.00	---	\$820.00	
24	15" Pipe Patch	Ea	-1	\$1,000.00	---	\$1,000.00	
25	Cost Plus	Dlr	-81.82	\$1.10	---	\$90.00	
REASON: The scope of the project was expanded. The number of joints grouted increased from 52 to 84. The additional work was performed at the same blanket unit rate.							
					Totals	\$232,162.20	\$95,797.50
					Net Increase	\$136,364.70	---

BALANCING CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
Edwards Relief Drain
For Construction of the Edwards Relief SAW Repairs 2023 Project
West Bloomfield
Oakland County, Michigan**

Prepared by: David R Wirth Date: 3/11/2026
David R. Wirth, P.E. - Project Engineer (WRC)

Approved by: Geoff Wilson Date: 3/13/2026
Geoff Wilson, P.E. - Chief Engineer (WRC)

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

Except as included in this Change Order, the Agreement remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and all effects of such change on unchanged Work and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Contractor attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order including any costs resulting from or caused by delays, impacts, acceleration, disruption, or loss of efficiency encountered by Contractor in the performance of the Work related to the Change Order, except as expressly identified and specifically reserved in the Change Order. In addition, Contractor for itself, its Subcontractors and any other persons or entities acting by, through, or under them (collectively, "Releasers"), releases Owner, from any and all actual or potential claims or demands for delays, disruptions, additional work, additional compensation or an extension of the Contract Time, which Releasers may have, or in the future might have, against Owner, by reason of, based, on or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order, except as expressly identified and specifically reserved in the Change Order. This Change Order supersedes any referenced Work Directive.

The Contractor agrees to do the work described above and agrees to accept the Contract Sum and the Contract

Accepted by: Joe Schotthoefer Date: 3/12/26
Joe Schotthoefer
Doetsch Industrial Services, Inc

This Change Order was approved by the Drainage Board on:

BALANCING CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
Edwards Relief Drain
For Construction of the Edwards Relief SAW Repairs 2023 Project
West Bloomfield
Oakland County, Michigan**

Notice to Proceed Date:	Monday, September 1, 2025
Contract Substantial Completion Date:	Monday, October 27, 2025
Contract Final Completion Date:	Monday, August 31, 2026
Original Contract Value:	\$349,540.00
Previous C.O. Values:	\$0.00
Change Order No. 1 Value	\$136,364.70
Adjusted Contract Value	\$485,904.70

**JIM NASH
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

**Jim Nash, Oakland County Water Resources Commissioner
Edwards Relief Drain
For Construction of the Edwards Relief SAW Repairs 2023 Project
West Bloomfield
Oakland County, Michigan**

Construction Estimate No. 2 & Final

October 4, 2025 to January 9, 2026

Department No.:	CCN6010101	Account No.:	SC730373
Fund No.:	FND82517	Program No.:	PRG155020
Project No.:	PRJ-17416	Activity:	STD
Purchase Order No. :			799
Contractor:	Doetsch Industrial Services Inc 21221 Mullin Warren, MI 48089	Contract No. :	CON00009838
		Date of Contract:	9/1/2022
		Completion Date:	8/31/2026

Original Contract Amount:		\$349,540.00
Previous Change Order Numbers (none):		\$0.00
Change Orders This Estimate Numbers (Balancing CO):		\$136,364.70
Total Net Change Orders: (No further authorization of this Contract)		\$136,364.70
Final Adjusted Contract Amount:		\$485,904.70
Final Subtotal: (Sheet 2 of 2 Column 7)		\$485,904.70 ✓
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	100.00%	\$485,904.70
Less Amount Reserved: (No Reserve on This Project)		\$0.00
Final Amount Allowed:		\$485,904.70
Less Previous Estimates:		\$203,358.20
Final Payment Request To Be Paid To Contractor:		\$282,546.50 ✓
Final Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$0.00 ✓	Accounting Auditor: <i>KS</i> 3/12/2026
Less Previous Transfers To Reserve:		\$0.00
Amount of Current Transfer:		\$0.00

Prepared by: David R Wirth Date: 3/11/2026
 David R. Wirth, P.E. - Project Engineer (WRC)

Approved by: Geoff Wilson Date: 3/13/2026
 Geoff Wilson, P.E. - Chief Engineer (WRC)

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

Approved by Board on: _____

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

**Jim Nash, Oakland County Water Resources Commissioner
Edwards Relief Drain
For Construction of the Edwards Relief SAW Repairs 2023 Project
West Bloomfield
Oakland County, Michigan**

Construction Estimate No. 2 & Final		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
1	Project Manager	400.00	Hour	85.00	0.00	0.00	0.00	\$0.00	\$0.00
2	Project Manager (Overtime)	11.00	Hour	100.00	0.00	0.00	0.00	\$0.00	\$0.00
3	Equipment Operator	450.00	Hour	75.00	178.50	77.00	255.50	\$19,162.50	\$13,387.50
4	Equipment Operator (Overtime)	49.00	Hour	90.00	13.50	14.50	28.00	\$2,520.00	\$1,215.00
5	Confined Space Tech	450.00	Hour	75.00	298.50	199.50	498.00	\$37,350.00	\$22,387.50
6	Confined Space Tech (Overtime)	50.00	Hour	90.00	13.50	53.00	66.50	\$5,985.00	\$1,215.00
7	Laborer	930.00	Hour	70.00	338.00	307.50	645.50	\$45,185.00	\$23,660.00
8	Laborer (Overtime)	100.00	Hour	85.00	27.00	64.00	91.00	\$7,735.00	\$2,295.00
9	Grout Truck	400.00	Hour	100.00	158.00	142.50	300.50	\$30,050.00	\$15,800.00
10	20KW Generator	10.50	Hour	20.00	0.00	0.00	0.00	\$0.00	\$0.00
11	20" Ventilation Blower	10.00	Hour	20.00	0.00	0.00	0.00	\$0.00	\$0.00
12	CCTV Equipment	20.00	Hour	120.00	29.50	0.00	29.50	\$3,540.00	\$3,540.00
13	Supply Truck	400.00	Hour	20.00	62.00	105.50	167.50	\$3,350.00	\$1,240.00
14	Support Vehicle	10.00	Hour	20.00	0.00	0.00	0.00	\$0.00	\$0.00
15	Support Trailer	10.00	Hour	20.00	0.00	0.00	0.00	\$0.00	\$0.00
16	375 CFM Air Comp	10.00	Hour	40.00	0.00	0.00	0.00	\$0.00	\$0.00
17	High Pressure Jet Truck	5.00	Hour	135.00	0.00	0.00	0.00	\$0.00	\$0.00
18	Vacuum Truck	5.00	Hour	120.00	0.00	0.00	0.00	\$0.00	\$0.00
19	Robotic Milling Truck	5.00	Hour	175.00	0.00	0.00	0.00	\$0.00	\$0.00
20	Grout (Point Injection)	3503.00	Gallon	30.00	6593.55	4440.69	11034.24	\$331,027.20	\$197,806.50
21	Grout (Packer)	30.00	Gallon	97.00	0.00	0.00	0.00	\$0.00	\$0.00
22	10" Pipe Patch	1.00	Ea	760.00	0.00	0.00	0.00	\$0.00	\$0.00
23	12" Pipe Patch	1.00	Ea	820.00	0.00	0.00	0.00	\$0.00	\$0.00
24	15" Pipe Patch	1.00	Ea	1,000.00	0.00	0.00	0.00	\$0.00	\$0.00
25	Cost Plus	81.82	Dlr	1.10	0.00	0.00	0.00	\$0.00	\$0.00
26						0.00	0.00	\$0.00	\$0.00
27						0.00	0.0	\$0.00	\$0.00
28						0.00	0.0	\$0.00	\$0.00
29						0.00	0.0	\$0.00	\$0.00
30						0.00	0.0	\$0.00	\$0.00
31						0.00	0.0	\$0.00	\$0.00
32						0.00	0.0	\$0.00	\$0.00
33						0.00	0.0	\$0.00	\$0.00
34						0.00	0.0	\$0.00	\$0.00
35						0.00	0.0	\$0.00	\$0.00
36						0.00	0.0	\$0.00	\$0.00
37						0.00	0.0	\$0.00	\$0.00
38						0.00	0.0	\$0.00	\$0.00
39						0.00	0.0	\$0.00	\$0.00
40						0.00	0.0	\$0.00	\$0.00
41						0.00	0.0	\$0.00	\$0.00
42						0.00	0.0	\$0.00	\$0.00
43						0.00	0.0	\$0.00	\$0.00
44						0.00	0.0	\$0.00	\$0.00
45						0.00	0.0	\$0.00	\$0.00
46						0.00	0.0	\$0.00	\$0.00
47						0.00	0.0	\$0.00	\$0.00
48						0.00	0.0	\$0.00	\$0.00
49						0.00	0.0	\$0.00	\$0.00
50						0.00	0.0	\$0.00	\$0.00
51						0.00	0.0	\$0.00	\$0.00
52						0.00	0.0	\$0.00	\$0.00
53						0.00	0.0	\$0.00	\$0.00
54						0.00	0.0	\$0.00	\$0.00
55						0.00	0.0	\$0.00	\$0.00
56						0.00	0.0	\$0.00	\$0.00
57						0.00	0.0	\$0.00	\$0.00
58						0.00	0.0	\$0.00	\$0.00
59						0.00	0.0	\$0.00	\$0.00
60						0.00	0.0	\$0.00	\$0.00
61						0.00	0.0	\$0.00	\$0.00
62						0.00	0.0	\$0.00	\$0.00
63						0.00	0.0	\$0.00	\$0.00
64						0.00	0.0	\$0.00	\$0.00
65						0.00	0.0	\$0.00	\$0.00
66						0.00	0.0	\$0.00	\$0.00
67						0.00	0.0	\$0.00	\$0.00

Change Orders:

						0.0	0.0	\$0.00	\$0.00

Stored Material:

						0.0	0.0	\$0.00	\$0.00

Deductions:

						0.0	0.0	\$0.00	\$0.00

Total Amount to Date	\$485,904.70
Total Amount This Estimate	\$282,546.50
Change Orders to Date	\$0.00
Change Orders This Estimate	\$0.00
Stored Materials to Date	\$0.00
Stored Materials This Estimate	\$0.00
Subtotal to Date	\$485,904.70
Subtotal This Estimate	\$282,546.50
Deductions to Date	\$0.00
Deductions This Estimate	\$0.00
Payment This Estimate	\$282,546.50
Less Transfer to Reserve	\$0.00
Net Payment	\$282,546.50

13. Joseph Jones Drain

AGENDA

DRAINAGE BOARD FOR THE JOSEPH JONES DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
3. Public Comments
4. Present Construction Estimate No. 4 for Dalco Services for construction of the Oakland Park Stormwater Improvements in the amount of \$6,987.66 with a transfer to the Oakland County Treasurer in the amount of \$776.41
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$1,084.00
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

February 24, 2026

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 p.m. on the 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$2,723.00 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

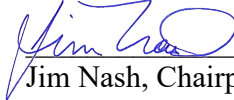
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

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 24th day of February 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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


Jim Nash, Chairperson

Dated: February 24, 2026

**Jim Nash, Oakland County Water Resources Commissioner
Joseph Jones Drain Drainage District
For Construction of the Oakland Park Stormwater Improvements
City of Pontiac
Oakland County, Michigan**

Construction Estimate No. 4

12/1/25 to 2/28/26

Department No.:	CCN6010101	Account No.:	SC730373
Fund No.:	FND84718	Program No.:	PRG149015
Project No.:	PRJ-17603	Activity:	FAC
Purchase Order No.:			
Contractor:	Dalco Services 59187 North Ave. Ray, MI 48096	Contract No.:	CON00011593
		Date of Contract:	7/22/2025
		Completion Date:	8/15/2026

Original Contract Amount:	\$298,444.02
Previous Change Order Numbers (2):	\$69,055.69
Change Orders This Estimate Numbers	
Total Net Change Orders:	\$69,055.69
<u>Adjusted Contract Amount:</u>	<u>\$367,499.71</u>
Subtotal To Date: (Sheet 2 of 2 Column 7)	\$153,392.42
Less Deductions to Date: (Sheet 2 of 2 Column 7)	\$0.00
Gross Estimate: (Work in Place) 41.74%	\$153,392.42
Less Amount Reserved: (10% of Gross Estimate)	\$776.41
Total Amount Allowed To Date:	\$138,053.18
Less Previous Estimates:	\$131,065.52
Net Payment Request To Be Paid To Contractor:	\$6,987.66 ✓
Reserve Payment to Contractor	\$0.00
Balance of Contract To Date \$214,107.29 ✓	Accounting Auditor: <i>KS</i> 3/12/2026
Less Previous Transfers To Reserve:	\$14,562.84
<u>Amount of Current Transfer:</u>	<u>\$776.41 ✓</u>

Prepared by: <u><i>Danielle Devlin</i></u>	Date: <u>3/6/2026</u>
Danielle Devlin, AICP - Project Planner	
Recommended by: <u><i>Jason Arnold</i></u>	Date: <u>3/13/2026</u>
Jason Arnold, P.E. - Consulting Engineer (DC)	
Approved by: <u><i>Lynne Seymour</i></u>	Date: <u>3/16/2026</u>
Lynne Seymour, P.E. - Chief Engineer (WRC)	
Approved by: <u><i>Steven Korth</i></u>	Date: <u>March 17, 2026</u>
Steven Korth, P.E. - Chief Manager (WRC)	

Approved by Board on: _____

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **JOSEPH JONES DRAIN (Construction)**
DATE: Tuesday, March 24, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17603	Drummond Carpenter	Invoice No. 6024; Professional Services	\$1,084.00			
				Project Total:	\$1,084.00	
				Grand Total:	\$1,084.00	

14. Beechmont Drain

AGENDA

DRAINAGE BOARD FOR THE BEECHMONT DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of January 27, 2026
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 \$29,126.56
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

January 27, 2026

A meeting of the Drainage Board for the Beechmont 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 27th day of January 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

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

ADOPTED: Yeas - 3
Nays - 0

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

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,576.00 was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 3
Nays - 0

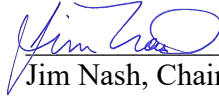
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Beechmont Drain, Oakland County, Michigan, held on 27th day of January 2026, 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 Beechmont Drain Drainage District.


Jim Nash, Chairperson

Dated: January 27, 2026

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

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17703	ICS Integration Services	Invoice No. 3402; Part & Labor	\$29,126.56			
				Project Total:	\$29,126.56	
				Grand Total:	\$29,126.56	

15. Henry-Graham Drain

AGENDA

DRAINAGE BOARD FOR THE HENRY-GRAHAM DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of September 23, 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 \$4,296.08
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE HENRY-GRAHAM DRAIN**

September 23, 2025

A meeting of the Drainage Board for the Henry-Graham Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 23rd day of September 2025.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held March 26, 2024, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

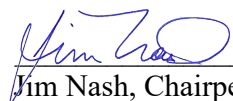
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$41,688.00 was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Henry-Graham Drain, Oakland County, Michigan, held on the 23rd day of September 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 Henry-Graham Drain Drainage District.



Jim Nash, Chairperson

Dated: September 23, 2025

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

DATE: Tuesday, March 24, 2026

SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
N/A	Spicer Group	Invoice No. 244215; Professional Services	\$2,990.00			
			Total:	\$2,990.00		
Pcard	Grainger	Invoice No. 9811826610; Goods	\$1,306.08			
			Total:	\$1,306.08		
			Grand Total:	\$4,296.08		

16. Nelson Drain

AGENDA

DRAINAGE BOARD FOR THE NELSON DRAIN

March 24, 2026

1. Call meeting to order
2. Approve minutes of meeting of February 24, 2026
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 \$1,495.00
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

February 24, 2026

A meeting of the Drainage Board for the Nelson 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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, 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 Project Assessment Recommendation and Special Assessment Roll in the amount of \$447,611.55 for the Nelson Drain was presented. It was moved by Markham, supported by Nash, to adopt the Project Assessment Recommendation and Special Assessment Roll as presented

ADOPTED: Yeas - 2
Nays - 0

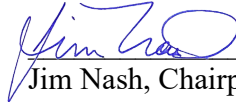
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Nelson Drain, Oakland County, Michigan, held on the 24th day of February 2026, 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 Nelson Drain Drainage District.


Jim Nash, Chairperson

Dated: February 24, 2026

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
 DRAIN: **NELSON DRAIN**
 DATE: Tuesday, March 24, 2026
 SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
N/A	Spicer Group	Invoice No. 244215; Professional Services	\$1,495.00			
				Total:	\$1,495.00	
				Grand Total:	\$1,495.00	

17. Rufe Collier Drain

AGENDA

DRAINAGE BOARD FOR THE RUFÉ COLLIER DRAIN

March 24, 2026

1. Call meeting to order.
2. Approve minutes of meeting of February 24, 2026
3. Public Comment
4. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$2,397.50
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**

February 24, 2026

A meeting of the Drainage Board for the Rufe Collier 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 24th day of February 2026.

The meeting was called to order by Chairperson Jim Nash.

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 January 27, 2026, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

A Memorandum requesting the Board authorize the Chairperson to execute the construction contract with Catskill Remedial Contracting Services for a price not to exceed \$432,550.00 was presented. It was moved by Markham, supported by Nash, to authorize the Chairperson to execute the construction contract 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 \$7,420.00 was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

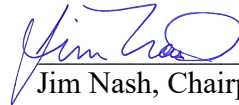
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

I hereby certify that the foregoing is a true and complete copy of the minutes of the meeting of the Drainage Board for the Rufe Collier Drains, Oakland County, Michigan, held on the 24th day of February 2026, 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 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 Rufe Collier Drains Drainage District.



Jim Nash, Chairperson

Dated: February 24, 2026

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
 DRAIN: **RUFE COLLIER DRAIN (Construction)**
 DATE: Tuesday, March 24, 2026
 SUBJECT: Request for Approval of Invoices and/or
 Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17851	Drummond Carpenter	Invoice No. 6003; Professional Services	\$2,397.50			
				Project Total:	\$2,397.50	
				Grand Total:	\$2,397.50	