

AGENDA

Red Run Intercounty Drain Drainage Board Macomb and Oakland Counties

July 20, 2022– 10:00 a.m.

Office of the Macomb County Public Works Commissioner
21777 Dunham Road, Clinton Township, Michigan, and Microsoft Teams

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development
Candice Miller, Macomb County Public Works Commissioner
Jim Nash, Oakland County Water Resources Commissioner

2. Approval of the meeting agenda for July 20, 2022
3. Approval of Drainage District Board Meeting Minutes from June 15, 2022
4. Public Comment
5. Insurance for the Red Run Drain
6. Red Run Freedom Hill
 - a. Account of Project Standing
 - b. Construction Update
7. Present Construction Estimate No. 4 from L.J Construction in the amount of \$47,908.50
8. Present trial balance
9. Present for approval payment of invoices in the amount of \$10,939.16
10. Other business
11. Adjourn

Agenda Item No. 3

Board Meeting Minutes from
June 15, 2022

Minutes of the Meeting
of the Intercounty Drainage Board for the
Red Run Drain

June 15, 2022

A meeting of the Drainage Board for the Red Run Intercounty Drain was held at the office of the Oakland County Water Resources Commissioner, Public Works Building, Building 95 West, Waterford, Michigan and via Microsoft Teams on June 15, 2022.

Present:

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

Also Present: Representing the office of the Macomb County Public Works Commissioner Jeff Bednar. Representing the office of the Oakland County Water Resources Commissioner: George Nichols, Meg Koss, and Stephanie Lajdziak. Others in attendance: Jamie Burton and Nancy Kolinski (Hubbell, Roth & Clark)

1. Call meeting to order.
Chairperson Gregg called the meeting to order at 10:02 a.m.
2. Agenda.
Motion by Vaara, supported by Baker, to approve the June 15, 2022, agenda as presented.

Adopted: YEAS – 3
NAYS – 0
3. Minutes.
Motion by Vaara, supported by Baker, to approve the minutes of the May 18, 2022, meeting.

Adopted: YEAS – 3
NAYS – 0
4. Public Comment.
None.
5. Freedom Hill.
 - 5a. Nancy Kolinski provided an update on the status of the Freedom Hill project. She advised that L.J. Construction expects the project to be completed by July 5th. Anne Vaara voiced her concern with rushing the plantings and possible damage due to the heat. Jamie Burton and Ms. Kolinski agreed and stated that this concern was also brought up at their status meeting with the contractors. HRC was assured that the plantings were under warranty and watering is part of L.J. Construction's services.

- 5b. Ms. Kolinski gave the Board an update on the supplemental services for construction projects that are ongoing. She advised the Board that the 408 certification for the Freedom Hill project is ongoing due to supplemental information requested from the Army Corps of Engineers. She furthered stating they are aware the project will be completed before the 408 certification is granted. The George W. Kuhn (GWK) Headwaters notice has been closed and the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is currently working on their permit reviews. She concluded stating the South Bank project is under contract with AEI, which completed a topography survey. Reports of this survey will be presented to the Board when available.
- 5c. Ms. Kolinski provided a brief update on the sediment testing that is required along the GWK Headwaters project due to the volume of soil being removed and the related impact on wildlife and the surrounding habitat. The results are currently being reviewed. The Army Corps of Engineers and EGLE will provide direction once reports on the testing results and associated recommendations are completed. Mr. Burton furthered that once the reports are released, HRC will present the Board with a more informed course of action regarding the sediment.
6. Construction Estimate
Construction Estimate No. 3 for L.J. Construction in the amount of \$157,909.25 was presented. It was moved by Vaara, supported by Baker, to approve Construction Estimate No. 3 in the amount of \$157,909.25 as presented.
- Adopted: YEAS – 3
NAYS – 0
7. Trial Balance.
Mr. Nichols presented the Trial Balance report dated June 7, 2022 indicating a balance of \$1,833,447.66. It was moved by Vaara, supported by Baker, to receive and file the updated Trial Balance as provided.
- Adopted: YEAS – 3
NAYS – 0
8. Invoices and/or Reimbursement of the Drain Revolving Fund.
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$21,747.88 was presented. It was moved by Vaara, supported by Baker, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.
- Adopted: YEAS – 3
NAYS – 0
9. Adjourn.
Motion by Vaara, supported by Baker, to adjourn the June 15, 2022, meeting at 10:39 a.m.

Adopted: YEAS – 3
NAYS – 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 10:00 a.m., Eastern Standard Time on July 20, 2022.



Anne Vaara, Acting Secretary
Red Run Intercounty Drain Drainage Board

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I hereby certify that the foregoing is a true and complete copy of the minutes of the Red Run Intercounty Drain Drainage Board, at a meeting held on the 15th day of June, 2022 and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as may be amended from time to time and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 15th day of June 2022.



Anne Vaara, Acting Secretary
Red Run Intercounty Drain Drainage Board

June 15, 2022

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Insurance for the Red Run Drain



NICKEL & SAPH, INC.

INSURANCE SINCE 1929

MAILING ADDRESS:

P.O. BOX 46907
MT. CLEMENS, MI 48046-6907

OFFICE ADDRESS:

44 MACOMB PLACE
MT. CLEMENS, MI 48043
(586) 463-4573 • (810) 765-8887
1-800-657-7373 • FAX: (586) 463-3135
www.nickelsaph.com

June 10, 2022

Mr. Brian Baker
Macomb County Public Works
21777 Dunham Road
Clinton Twp., MI 48036

Re: Macomb County Inter-County Drains Drainage Districts

Dear Mr. Baker:

Enclosed, please find our renewal offering for the casualty insurance coverages for the independent inter-county drainage districts that have been formed through the years for the construction, operation, and maintenance of some storm and sanitary drains within Macomb County and beyond county boundaries. These districts are acknowledged as distinct, independent entities. As distinct entities, the districts are not part of any budgeted Macomb County unit of government and therefore not insured under insurance policies secured by the County. This proposal excludes the Oakland Macomb Interceptor.

Of the various insurance coverages discussed, this correspondence will address General Liability and Public Officials' Liability coverages. This correspondence contains:

- I. Responding Insurance Carrier Renewal Proposal
- II. Copy of Argonaut's detailed proposal

Please review this information and contact our offices with any questions or concerns. Thank you.

Sincerely,

Stephen R. Saph, Jr., LIC
Agent

cc: John P. Anderson, Esq.

Enclosures

All insurance policies contain exclusions and limitations either within the policy language or added to the policy by attachment of an endorsement. Not all exclusions or limitations are addressed in this proposal. Exclusions and limitations can be absolute or conditional based on the specific circumstances and allegations of a loss or claim. Policy language dictates coverage. Nickel & Saph, Inc. offers the coverage options available from the insurance carriers it is licensed to represent or from those with which it has a relationship; the agency makes no representations regarding coverages, exclusions, or limitations in policies from any carriers not represented by the agency nor does the agency make representations regarding the availability of coverage to cover any specific risk of loss in the broader insurance marketplace.

I. Responding Insurance Carrier Proposal

Trident Public Risk Solutions presenting **Argonaut Insurance Company**

Rating – **A- XIV, Stable and Admitted**

General Liability and Non-Owned Automobile Liability afforded on an Occurrence basis and Public Officials' afforded on a Claims Made basis (a June 28, 2021 prior acts/Retroactive Date applies to covered claims).

All lines of coverages are subject to per claim deductibles. The deductibles are applicable to both defense costs and the payment of third-party damages.

Defense expenses are outside of the limits of liability afforded by the carrier (payment of defense expenses will not reduce the available limits of liability).

An aggregate does not apply to the primary (or underlying) Hired and Non-owned Automobile Liability coverage. The excess does not include the Automobile Liability coverage.

Exclusions include but are not limited to the following: Employment Practices Liability, Pollution, Non-Monetary Relief, and Debt Financing. Please refer to policy forms for terms, conditions, definitions, and all applicable exclusions. Excludes the Oakland Macomb Interceptor.

Separate limits are afforded for each line of coverage (general liability, public officials', and automobile liability). Payment of damages for one line of coverage will not impact or reduce the limits available and dedicated to the remaining lines of coverage.

Underlying Each Occurrence Limit –	\$1,000,000
Underlying Aggregate Limit –	\$2,000,000
Deductible per Claim -	\$100,000
Excess Occurrence -	\$10,000,000
Excess Annual Aggregate -	\$10,000,000
Annual Premium (excluding Terrorism) -	\$83,783
Additional Premium for Terrorism -	\$2,158
Total Annual Premium -	\$83,783

Expiring Annual premium was \$78,511. The renewal premium has increased \$5,272 or 6.71%. Current policy expiration date – June 28, 2022. Terrorism is an optional coverage that has been secured for the past two years. A decision whether to accept or reject Terrorism coverage must be made again this year.

Stephen R. Saph, Jr., LIC

Nickel & Saph, Inc. Insurance Agency

586-463-4573 (wk.)

586-747-9315 (cell)

stephenjr@nickelsaph.com

June 10, 2022

Macomb County Public Works
Liability Insurance - Renewal 6/28/2022
Chapter 21

EXPENSE COMPARISON

DRAIN	(2019-20 Expenses)		(2020-21 Expenses)	
	EXPENSES	PERCENT	EXPENSES	PERCENT
Bear Creek ¹	55,813	18.33%	66,244	10.38%
Clinton River Spillway ²	119,863	39.36%	82,360	12.90%
McCoy Relief	900	0.30%	278	0.04%
Red Run (all) ³	89,937	29.53%	409,672	64.18%
Sharkey Relief ⁴	28,142	9.24%	15,418	2.42%
Gibson(StHgt-Troy-Rochester) ⁵	0	0.00%	57,900	9.07%
Plumbrook ⁶	9,753	3.20%	946	0.15%
Richmond-Columbus	123	0.04%	38	0.01%
Crapeau Creek ⁷	10	0.00%	5,425	0.85%
Totals	\$ 304,542	100.00%	\$ 638,282	100.00%

2022 PREMIUM BREAKDOWN

(2019/20-2020/21 Average) - 2 Years		
EXPENSES	PERCENT	COST
61,029	13.96%	11,698
101,112	23.13%	19,380
589	0.13%	113
249,805	57.15%	47,881
21,780	4.98%	4,175
28,950	0.00%	0 ⁹
5,350	0.00%	0 ⁹
81	0.02%	15
2,717	0.62%	521
\$ 437,112	100.00%	\$ 83,783

\$ 83,783 Insurance Premium

PREMIUM COMPARISON BETWEEN YEARS

DRAIN	2021 Premium Based on 2 year average of expenses		2022 Premium Based on 2 year average of expenses		Difference in Premium
	2018/19-2019/2020		2019/20-2020/21		
Bear Creek	30.16%	23,677	13.96%	11,698	(11,979.41)
Clinton River Spillway	21.10%	16,567	23.13%	19,380	2,813.44
McCoy Relief	0.23%	184	0.13%	113	(71.04)
Red Run (all)	27.93%	21,929	57.15%	47,881	25,952.03
Sharkey Relief	19.39%	15,223	4.98%	4,175	(11,048.33)
Plumbrook	1.14%	897	0.00%	0	(897.00)
Richmond-Columbus	0.03%	25	0.02%	15	(9.55)
Crapeau Creek	0.01%	9	0.62%	521	511.85
Totals	100.00%	\$ 78,511	100.00%	\$ 83,783	5,272.00

**New Insurance Premium
for 6/26/2022-6/26/2023**

\$ 83,783

CURRENT AVAILABLE FUNDS

Bear Creek ⁸	\$ 357,236
Clinton River Spillway	\$ 412,580
McCoy Relief	\$ 273,918
Red Run (all)	
Sharkey Relief	\$ 601,465
Plumbrook	\$ 882
Richmond-Columbus	\$ 51,152
Crapeau Creek	\$ 10,142

¹ Bear Creek are increased due to an Oil Spill and Clean Up.

² Clinton River expenses are lower due to a Fishing Pier Beautification project the previous year

³ Red Run expenses are significantly higher this year, per Oakland County, due to restoration project at Freedom Hill project

⁴ Sharkey expenses lower due to 2019/2020 Siphoning Project

⁵ Gibson expenses are increased due to the Intercounty Study.

⁶ Plumbrook expenses have decreased due to the previous year's ICD Route Map Study Plan Review

⁷ Crapeau Creek's expenses have increased due to Ashley street project

⁸ \$700,000 of Bear Creek money is in reserve for future operation and maintenance per November 1998 Board Meeting

⁹ Gibson has no cash and Plumbrook has minimal cash, therefore their portion of the premium has been reallocated to the other drains



Insurance Proposal
for

Macomb County Inter County Drains and Drainage
Districts, Michigan

EFFECTIVE DATE
06/28/2022 – 06/28/2023

Coverage Offered Through:



PRESENTED BY:

Nickel & Saph, Inc.
Known by the companies we keep.

GENERAL LIABILITY

Occurrence Form

Standard Coverage

	<u>Limit</u>
Bodily Injury/Property Damage	1,000,000
Personal Injury/Advertising Injury	1,000,000
Damages to premises rented to you	100,000
Employee Benefits (\$1,000 deductible applies)	1,000,000
General Aggregate	2,000,000
Products/Completed Operations Aggregate	2,000,000
Deductible Per Occurrence (Expenses included within retention)	100,000

Miscellaneous

Description

	<u>Limit</u>	<u>Deductible</u>
Unmanned Aircraft Under 25 Pounds	25,000	100,000
Limited Pollution Liability Coverage (Chemical Spraying, Water, and Sewer)	Included	100,000

General Liability P.E. 2

	<u>Limit</u>	<u>Deductible</u>
Public Water Utility	Included	100,000
Sewer System	Included	100,000

PUBLIC OFFICIALS' LIABILITY

Claims Made Form

Standard Coverage

	<u>Limit</u>
Per Wrongful Act	1,000,000
Annual Aggregate	2,000,000
Employment Related Wrongful Acts	Excluded
Deductible Each Wrongful Act (Expenses included within retention)	100,000
Prior Acts/Retroactive Date	06/28/2021

Additional Coverages

Non-Monetary Defense Per Wrongful Act	10,000
Non-Monetary Defense Annual Aggregate	50,000

Public Officials P.E. 2

	<u>Limit</u>	<u>Deductible</u>
Public Water Utility	Included	100,000
Sewer System	Included	100,000

AUTO LIABILITY

<u>Standard Coverage</u>	<u>Limit</u>	<u>Units</u>	<u>Symbol</u>
Liability Limit	1,000,000	0	8, 9
Deductible	100,000		
Uninsured Motorist	Rejected		
Underinsured Motorist	Rejected		

EXCESS LIABILITY

<u>Standard Coverage</u>	<u>Limit</u>
Each Occurrence, Offense, Accident, or Wrongful Act	10,000,000
Annual Aggregate	10,000,000
 <i>Underlying Insurance</i>	
General Liability	1,000,000
Public Officials' Liability	1,000,000

The following is a price breakdown for this quotation:
Option 1

<u>Coverage</u>	<u>Subtotal</u>	<u>TRIA</u>	<u>Total Premium</u>
General Liability	57,609	1,728	59,337
Public Officials' Liability	9,596		9,596
Auto Liability	100		100
Excess Liability	14,320	430	14,750
Total	\$81,625	\$2,158	\$83,783

Risk Control Services Proposal For Macomb County Inter County Drains and Drainage Districts

The Breadon Group in partnership with Trident Public Risk Solutions' Risk Control division works to provide our customers with cost-effective, Risk-Management-driven solutions to minimize exposure to losses. Since our business focus is on the public sector, we have the unique background to work with our customers, bringing in a wealth of experience in risk control for public entities throughout the country.

Our staff has extensive expertise in providing Risk Control services to our public entity customers. In addition, we have also assembled a network of industry experts and partners to assist in the delivery of services and specialized consulting. Coordinated through our corporate offices, this broad-based team can deliver timely world-class Risk Control services that are targeted to achieve effective results.

Trident Risk Control Website

Trident Risk Control offers an easy-to-navigate, fully searchable website with an array of resources to assist you in your program development and implementation. Resources available on the site include:

- **White papers** on topics such as:
 - Law Enforcement Liability
 - Playground Safety
 - Self-Inspection Check Lists
 - Management Operational Guides
 - Catastrophe Planning
 - Many others
- **Important links** to web resources
- Information on our **FREE web-based training** classes, with over 200 courses available
- **Partner resources**
- **Ask-the-Risk -Manager** portal with 24-hour turnaround time for risk control questions
- **E-Newsletter** archive

Visit the website at <https://www.argolimited.com/pages/argo-group-home/our-brands/trident/risk-control>

Risk Control Services

Trident Risk Control also makes a wide variety of services available to you to assist in the development of your risk management program. The following services can be accessed by a request to your agent or through contacting us at: asktheriskmanager@tridentpublicrisk.com.

Risk Management Consultation

If you have risk management questions, Trident's Risk Control Group has the answers, tools, or resources that you need. Sending us a question through our [Ask-the-Risk Manager portal](#) on our website or emailing us directly at asktheriskmanager@tridentpublicrisk.com. Our **24-Hour pledge** to you is to provide you help within one business day – but it is usually a lot faster. We are here to help!

Risk Control e-Newsletters and Special Bulletins

Trident Risk Control produces monthly newsletters with topics of interest and timely special bulletins for the many diverse departments at your organization. Subscribe and pass on to others, or supply us with a list of employee emails and we'll add everyone on your list to the distribution.

Model Law Enforcement and Detention Center Policies and Procedures

Trident partners with world-class law enforcement consultant [OSS Law Enforcement Advisors](#) to provide free model policies for use by law enforcement and detention center representatives. When the Supreme Court provides new rulings that affect law enforcement and detention center operations, your policies will need to be altered to comply with the new rulings—and Trident can provide them.

Discounted Property Appraisals

Having correct property valuations is important to any risk management program to ensure that, if disaster strikes, a structure to be replaced is valued properly. We offer discounted property appraisals for the locations that you select through our partner, [HCA Asset Management](#). We will coordinate with HCA to ensure that the appraisal services are delivered in a timely manner.

Systems Optimization and Maintenance

Saving money, reducing maintenance, and reducing equipment risk factors are important considerations for any organization. Through our partner, [Hartford Steam Boiler](#), we make available a number of tools, including maintenance suggestions and optimization calculators, to your maintenance and engineering staff. The tools can be accessed through our Partner Resources Portal on our website.

Online Training

Sometimes it is difficult to locate the specialized training that you need for your organization's staff. Trident Risk Control Services has over [200 training courses](#) available online to help you meet that need. Our partner, LocalGovU, has worked with us to develop topics specifically for governmental entities.

GENERAL CONDITIONS

This proposal is based on information provided to The Breadon Group, LLC by the Agent.

The quotation in this proposal does not necessarily match the coverages or limits requested in the bid specifications and/or application. No warranty is made or implied with respect to the total compliance to bid specifications or applications.

Each individual policy contains the actual terms, conditions and exclusions. This proposal highlights certain features and benefits of the Trident program.

ADDITIONAL INFORMATION REQUIRED AT BINDING

Signed TRIA Form.

POLICYHOLDER DISCLOSURE NOTICE OF TERRORISM INSURANCE COVERAGE

You are hereby notified that under the Terrorism Risk Insurance Act, as amended, you have a right to purchase insurance coverage for losses resulting from acts of terrorism. As *defined in Section 102(1) of the Act*: The term "act of terrorism" means any act or acts that are certified by the Secretary of the Treasury-in consultation with the Secretary of Homeland Security, and the Attorney General of the United States-to be an act of terrorism; to be a violent act or an act that is dangerous to human life, property, or infrastructure; to have resulted in damage within the United States, or outside the United States in the case of certain air carriers or vessels or the premises of a United States mission; and to have been committed by an individual or individuals as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion.

YOU SHOULD KNOW THAT WHERE COVERAGE IS PROVIDED BY THIS POLICY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM, SUCH LOSSES MAY BE PARTIALLY REIMBURSED BY THE UNITED STATES GOVERNMENT UNDER A FORMULA ESTABLISHED BY FEDERAL LAW. HOWEVER, YOUR POLICY MAY CONTAIN OTHER EXCLUSIONS WHICH MIGHT AFFECT YOUR COVERAGE, SUCH AS AN EXCLUSION FOR NUCLEAR EVENTS. UNDER THE FORMULA, THE UNITED STATES GOVERNMENT GENERALLY REIMBURSES 80% OF COVERED TERRORISM LOSSES EXCEEDING THE STATUTORILY ESTABLISHED DEDUCTIBLE PAID BY THE INSURANCE COMPANY PROVIDING THE COVERAGE. THE PREMIUM CHARGED FOR THIS COVERAGE IS PROVIDED BELOW AND DOES NOT INCLUDE ANY CHARGES FOR THE PORTION OF LOSS COVERED BY THE FEDERAL GOVERNMENT UNDER THE ACT.

YOU SHOULD ALSO KNOW THAT THE TERRORISM RISK INSURANCE ACT, AS AMENDED, CONTAINS A \$100 BILLION CAP THAT LIMITS U.S. GOVERNMENT REIMBURSEMENT AS WELL AS INSURERS' LIABILITY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM WHEN THE AMOUNT OF SUCH LOSSES IN ANY ONE CALENDAR YEAR EXCEEDS \$100 BILLION. IF THE AGGREGATE INSURED LOSSES FOR ALL INSURERS EXCEED \$100 BILLION, YOUR COVERAGE MAY BE REDUCED.

The prospective premium for certified acts of terrorism coverage is **\$ 2,158**

Please tell your insurance agent or broker whether you accept or reject certified acts of terrorism coverage.

Acceptance or Rejection of Terrorism Insurance Coverage

<input type="checkbox"/>	Accept - I hereby elect to purchase terrorism coverage
<input type="checkbox"/>	Reject - I hereby decline to purchase terrorism coverage

Policyholder/Applicant's Signature

Print Name

Date

Agenda Item No. 6

Red Run Freedom Hill

Account of Project Standing

APS #: 19

Time Period: June 01, 2022 thru June 30, 2022

Prepared By: Nancy Kolinski

Date Issued: July 07, 2022

Project Task Summary:

Task 1 – Data Collection, Survey and Field Assessment – Complete

Task 2 – Soil Boring Analysis – Complete

Task 3 – Preliminary Plan Design – Complete

Task 4 - Final Design and Bid Documents – Complete

Task 5 – Project Coordination – Ongoing

Construction Update:

- Biweekly onsite progress meetings occurring
- Pay application 4 submitted
- Trail construction ongoing
 - Placement of the aggregate base for the shared-use path
 - Concrete placed at trail heads.
- Restoration
 - Cardno is developing a planting plan for the hill behind the amphitheater.
 - All seed mixes placed.
 - Restoration is nearly complete. All seed placed. ±800 shrubs and ± 325 bare shrubs will be planted in the Spring.
- Trail transition meeting with staff from Sterling Heights, MCPWO, OCWRC, & Macomb County occurred to discuss the transition from construction phase to the respective jurisdictions.

Focus of Efforts in Next Period:

- Trail construction ongoing – Aggregate base and surface course placement.
- Asphalt path to be placed week of July 11th.
- Final turf restoration

Critical Decisions Made:

- N/A

Outstanding Critical Questions:

- N/A

Client Assistance Needed:

- N/A

Schedule Concerns

- Plantings, particularly the hill behind the amphitheater, to need to be planted in Spring of 2023. Planting date will be finalized after approval of the revised plan.

Scope and/or Budget Concerns:

- None at this time

Account of Project Standing

Red Run Drain Supplemental Services

Project Task Summary:

Task 1 – Permitting- In Progress

- Submitted USACE Section 408 Certification – Submittal deemed complete, and the full review underway begin. Full approval unknown.

Task 2 – Drainage District Assistance- In Progress

Task 3 – Monitoring Assistance- In Progress

Task 4– Grant Reporting- In Progress

- No work for this period

Task 5 – Meetings- No work requested under this task

Task 6 – USACE Phase 2 Coordination- No work requested under this task.

Task 7 – Project Signage- No work requested under this task

Miscellaneous:

- GWK Outfall project: Design continues. Submitted to EGLE for permits. Sediment sampling results submitted to EGLE. USACE reviewed the sediment testing results. The test results have been sent to staff for review.

Critical Decisions Made:

- N/A

Outstanding Critical Questions:

- No at this time.

Client Assistance Needed:

- None at this time

Schedule Concerns

- N/A

Scope and/or Budget Concerns:

- N/A

Agenda Item No. 7

Construction Estimate

RED RUN INTERCOUNTY DRAIN DRAINAGE DISTRICT
For Construction of the Freedom Hill North Bank Stabilization Project
Located in the City of Sterling Heights, Macomb County, Michigan

Regular Construction Estimate No. 4

5/22/2022 to 6/24/2022

Department No.: 6010101
Fund No.: 82902
Project No.: 1-3356
Vendor ID: 21255
Contract ID: 6610

Account No.: 731472
Program No.: 155020
Activity: FAC
Item No.: 45906

Contractor:

L.J. Construction, Inc.
5863 S. Kingston Road
Clifford, MI 48727

Date of Contract: February 22, 2022
Completion Date: December 22, 2022
Extended to: December 26, 2022

Original Contract Amount: \$1,337,163.00

Previous Change Orders: \$0.00
Numbers: N/A

Change Orders This Estimate: \$0.00
Numbers: N/A

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$1,337,163.00

Sub-Total To Date: (Sheet 3 of 3, Column 7) \$1,078,888.13

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

Gross Estimate: (Work in Place) 80.68% \$1,078,888.13

Less Amount Reserved: (10% of 1/2 Adjusted Contract Amount) \$66,858.15

Total Amount Allowed To Date: \$1,012,029.98

Less Previous Estimates: \$964,121.48

Net Payment Request To Be Paid To Contractor: \$47,908.50

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 258,274.87 Accounting Auditor: *kes* 7/6/2022

Amount To Be Reserved (From Above) \$66,858.15

Less Previous Transfers To Reserve: \$66,858.15

Amount of Current Transfer: \$0.00

Prepared by: **Brent H. Tarpinian**

Digitally signed by Brent H. Tarpinian
DN: cn=US, e=btarpinian@hrcengr.com, o="Hubbell, Roth & Clark, Inc.", ou=Environmental Engineering Department, cn=Brent H. Tarpinian
Reason: I am approving this document
Date: 2022.07.06 22:00:19-04'00'

Date: 7/6/2022

Brent Tarpinian - Project Manager, Hubbell, Roth & Clark, Inc.

Accepted by: **Brian M Umphrey** Brian M Umphrey
Jul 7 2022 7:25 AM

Date: 7/7/2022

Brian Umphrey - Controller, L.J. Construction, Inc.

Approved by:

Date: 7/7/2022

Jeffrey Bednar, P.E. - Engineer, Macomb County Public Works Office

Approved For Payment:

George P. Nichols

Date: 7/7/2022

George Nichols, P.E. - Engineer, Oakland County Water Resources Commissioner

Approved For Payment:

Mary Nigro

Date: July 18, 2022

Gary Nigro, P.E. - Chief Engineer, Oakland County Water Resources Commissioner

Regular Construction Estimate No. 4

RED RUN INTERCOUNTY DRAIN DRAINAGE DISTRICT
For Construction of the Freedom Hill North Bank Stabilization Project
Located in the City of Sterling Heights, Macomb County, Michigan

Regular Construction Estimate No.4

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date
1 Mobilization (5% Max)	1	Lsum	\$ 57,000.00	-	1.00	1.00	\$ 57,000.00
2 Tree, Rem, 6 Inch to 18 Inch (as needed)	3	Ea	\$ 800.00	1.00	6.00	7.00	\$ 5,600.00
3 Permits (Allowance)	1	Dlr	\$ 5,000.00	-	0.51	0.51	\$ 2,550.00
4 Prevent Spreading of Invasive Species Control Measures	1	Lsum	\$ 8,000.00	-	1.00	1.00	\$ 8,000.00
5 Erosion Control, Gravel Access, Approach	2	Ea	\$ 4,250.00	1.00	-	1.00	\$ 4,250.00
6 Erosion Control, Turbidity Curtain, Deep, Modified	1	Lsum	\$ 18,000.00	-	1.00	1.00	\$ 18,000.00
7 Erosion Control, Silt Fence	5,500	Ft	\$ 2.36	-	5,500.00	5,500.00	\$ 12,980.00
8 Fence, Rem	40	Ft	\$ 25.00	30.00	-	30.00	\$ 750.00
9 HMA Surface, Rem	205	Syd	\$ 10.00	203.00	-	203.00	\$ 2,030.00
10 Sidewalk, Rem	27	Syd	\$ 37.00	20.00	-	20.00	\$ 740.00
11 Culv, Rem, 24 Inch to 48 Inch, Modified	1	Ea	\$ 1,000.00	-	1.00	1.00	\$ 1,000.00
12 Minor Bank Grading (as needed)	7,500	Syd	\$ 2.67	-	6,814.00	6,814.00	\$ 18,193.38
13 Culv, Cl A, 12 inch, Tr Det B, Modified	59	Ft	\$ 91.00	-	92.00	92.00	\$ 8,372.00
14 CMP, Gauge 16, 12 Inch, Modified	142	Ft	\$ 98.00	-	142.00	142.00	\$ 13,916.00
15 Dr Structure, 24 Inch Dia, Modified	2	Ea	\$ 3,000.00	-	3.00	3.00	\$ 9,000.00
16 Dr Stand Pipe, 24 Inch Dia, CMP, Gauge 16	1	Ea	\$ 2,570.00	-	1.00	1.00	\$ 2,570.00
17 Site Preparation	23	Ac	\$ 1,086.00	6.00	17.00	23.00	\$ 24,978.00
18 Stone Toe	2,710	Cyd	\$ 121.00	-	2,699.00	2,699.00	\$ 326,579.00
19 J Hooks	3	Ea	\$ 95,000.00	-	3.00	3.00	\$ 285,000.00
20 Excess Sediment Removal	1,000	Cyd	\$ 25.00	-	1,000.00	1,000.00	\$ 25,000.00
21 Shared Use Path, Grading, Special	5,650	Ft	\$ 23.00	1,200.00	4,450.00	5,650.00	\$ 129,950.00
22 Aggregate Base, 6 Inch, 21AA	140	Syd	\$ 39.00	79.00	-	79.00	\$ 3,081.00
23 Aggregate Surface Crse, 3.5 Inch, Modified	1,100	Ton	\$ 45.45	-	-	-	\$ -
24 Subgrade Undercutting, Type III (as-needed)	251	Cyd	\$ 44.00	6.00	18.00	24.00	\$ 1,056.00
25 Geotextile, Stabilization (as-needed)	600	Syd	\$ 2.50	751.00	-	751.00	\$ 1,877.50
26 Sidewalk, Conc, 6 Inch, Modified	1,225	Sft	\$ 12.24	-	-	-	\$ -
27 HMA, 13A, 3 Inch	1,850	Sft	\$ 7.00	-	-	-	\$ -
28 Bollards, Collapsible	2	Ea	\$ 1,150.00	-	-	-	\$ -
29 Fence, Modified	48	Ft	\$ 125.00	-	-	-	\$ -
30 Mulch Blanket, High Velocity	9,000	Syd	\$ 2.86	-	6,100.00	6,100.00	\$ 17,446.00
31 Restoration - Turf	5	Ac	\$ 3,000.00	-	-	-	\$ -
32 Restoration - Native Prairie Mix	7.4	Ac	\$ 4,185.00	-	1.25	1.25	\$ 5,231.25
33 Restoration - Lo Prairie Mix	10.3	Ac	\$ 5,000.00	-	-	-	\$ -
34 Restoration - Stormwater Mix	2.0	Ac	\$ 1,248.00	-	-	-	\$ -
35 Shrub Plantings	2,500	Ea	\$ 6.95	-	-	-	\$ -
36 Bare Root Trees	325	Ea	\$ 31.00	-	-	-	\$ -
37 Plugs Planting	4,000	Ea	\$ 4.36	-	-	-	\$ -
38 Celtis Occidentalis, 2 Inch	6	Ea	\$ 635.00	-	6.00	6.00	\$ 3,810.00
39 Liriodendron Tulipifera, 2 Inch	9	Ea	\$ 557.00	-	9.00	9.00	\$ 5,013.00
40 Platanus x occidentalis (native), 2 Inch	6	Ea	\$ 555.00	-	6.00	6.00	\$ 3,330.00
41 Platanus x acerifolia, 2 Inch	10	Ea	\$ 536.00	-	10.00	10.00	\$ 5,360.00
42 Tilia americana, 2 Inch	10	Ea	\$ 655.00	-	10.00	10.00	\$ 6,550.00
43 Ulmus X, 2 Inch	9	Ea	\$ 635.00	-	9.00	9.00	\$ 5,715.00
44 Traffic Control	1	Lsum	\$ 11,000.00	-	1.00	1.00	\$ 11,000.00
45 Signage (Allowance)	1	Dlr	\$ 3,000.00	-	-	-	\$ -
46 Sign Installation	1	Dlr	\$ 1,500.00	-	-	-	\$ -
47 Audio Video Survey	1	Lsum	\$ 5,000.00	-	1.00	1.00	\$ 5,000.00
48 Erosion Control, Inlet Filter	5	Ea	\$ 200.00	-	4.00	4.00	\$ 800.00
49 Stone Rip Rap	445	Cyd	\$ 120.00	-	393.00	393.00	\$ 47,160.00

Regular Construction Estimate No.4

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date

Change Orders:

				-			\$ -
				-			\$ -
				-			\$ -
				-			\$ -

Stored Material:

				-			\$ -
				-			\$ -
				-			\$ -
				-			\$ -

SUB-TOTAL (Bid Items):

\$ 1,078,888.13

SUB-TOTAL (Change Orders):

\$ -

SUB-TOTAL (Stored Material):

\$ -

SUB-TOTAL TO DATE

\$ 1,078,888.13

Deductions:

				-			\$ -
				-			\$ -
				-			\$ -
				-			\$ -

SUB-TOTAL (Deductions):

\$ -

Sub-Totals This Estimate

Bid Items	\$ 1,078,888.13
Change Orders	\$ -
Stored Materials	\$ -
Deductions	\$ -
Payment this Estimate	\$ 1,078,888.13
Less Transfer to Reserve	\$66,858.15
Net Payment	\$ 1,012,029.98

CONTRACTOR'S DECLARATION

The undersigned, on behalf of L.S. Construction, Inc. ("Contractor"), hereby declares that the Contractor has not, during the period commencing with the start of the Work which is the subject of the Contract defined below to following date: June 24, 2022, performed any Work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which Contractor shall ask, demand, sue for, or claim compensation from the Oakland County Water Resources Commissioner, County Agency for the County of Oakland County or Red Run Drain Drainage District [strike one] ("Owner"), or its agents, in addition to the original scope of Work specified in Oakland County Purchasing Contract Number 006410 and, on this 27th day of June, 2022 between Contractor and Owner, and in the Change Orders for additional or extra Work issued by the Owner, in writing, as provided thereunder and/or extension of time, except as set forth on the itemized statement attached hereto.

There ☐ is ☒ is not an itemized statement attached.

Date: June 27, 2022

Contractor: L.S. Construction, Inc.

Signature: Danielle McClellan

Name: Danielle McClellan

Title: Assistant Controller

Agenda Item No. 8

Trial Balance



Trial Balance

03:07 PM

07/12/2022

Page 1 of 1

Organization Oakland County
Periods FY2022 : Jul
Ledger Actuals
Accounting Worktag FND82902 Red Run Federal Drain Ch21
Book Operating
Company Currency USD
Translation Currency USD
Run 07/12/2022 03:07 PM

Consolidation Data

Ledger Account	Beginning Balance	Debit Amount	Credit Amount	Ending Balance
100100:Cash - Operating	1,871,249.26	59,594.84	119,189.68	1,811,654.42
104100:Accrued Interest on Investment	4,865.83	0.00	0.00	4,865.83
115005:Accounts Receivable AR Control	0.00	0.00	0.00	0.00
126105:Due from Municipalities-AR Con	0.00	0.00	0.00	0.00
126505:Due from State of Michigan-AR	0.00	0.00	0.00	0.00
201210:Vouchers Payable AP Cont	(59,594.84)	59,594.84	0.00	0.00
211100:Due to Primary Government	(12,699.77)	0.00	0.00	(12,699.77)
228100:Deposits Liability	(26,244.40)	0.00	0.00	(26,244.40)
230852:Accounts Payable	0.00	0.00	0.00	0.00
381350:FB Restricted Programs	88,240.61	0.00	0.00	88,240.61
450100:Cash Sweep	0.00	59,594.84	59,594.84	0.00
605000:Special Assessments	(2,650,003.00)	0.00	0.00	(2,650,003.00)
655000:Investment Income	(2,341.66)	0.00	0.00	(2,341.66)
730000:Contractual Services	757,174.32	0.00	0.00	757,174.32
770000:Internal Support Expenditures	29,353.65	0.00	0.00	29,353.65
999998:LTD Historical Revenue Conversion	0.00	0.00	0.00	0.00
999999:LTD Historical Expense Conversion	0.00	0.00	0.00	0.00
Total	0.00	178,784.52	178,784.52	0.00

Cash	\$1,811,654.42
Permit Deposit Held	(26,244.40)
DRF Reimbursement	(12,699.97)
Total Cash Available	\$1,772,710.25

Agenda Item No. 9

Invoices

MEMO TO: Mr. Jim Nash, Chairman
of the Intercounty Drainage Board for the RED RUN FEDERAL DRAIN

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

DATE: July 20, 2022

SUBJECT: Request for Approval of Invoices

Request for Board approval of payment of the following invoices:

Date	Ref No.	Paid To	For	Amount
	TBP	Hubbell, Roth, & Clark Inc	Inv # 0197702 - Contracted Services - 06/11/22 - Proj # 1-3356	\$ 9,514.16
	TBP	Macomb County Public Works	Inv # ARP220130 Contracted Services - 5/21/22 - Proj # 1-3356	1,425.00
			Project # 1-3356 Total	\$ 10,939.16
			Total	10,939.16



Candice S. Miller

Public Works Commissioner
Macomb County

RED RUN INTERCOUNTY DRAIN DRAINAGE BOARD
OAKLAND COUNTY WATER RESOURCES COORDINATOR
1 PUBLIC WORKS DR BUILDING 95W
WATERFORD, MI 48328

Invoice Date Invoice
06/09/2022 ARP220130

REF DATE	DESCRIPTION	AMOUNT
Work Order: # WO22013	WO Descrip: Red Run Restro/Con/Obsrv Ph1	
06/09/2022	Red Run Restoration Ph1	1,425.00
		Charges 1,425.00

Reviewed and approve this invoice
GPN 7/8/22

Amount Due \$1,425.00

Fund: 82902
Dept: 6010101
Program: 155020
Account: 730373
Project ID: 1-3356
Activity: ENGCON

Please direct inquiries about your account to:

Phone: (586) 469-5325 - Finance Department

Email: bruce.manning@macombgov.org

Please make checks payable to:

Macomb County Public Works

Please remit your payment to:

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

Customer Number: V086654 AC: 01
Invoice Date: 06/09/2022
Invoice Number: ARP220130
Amount Due: \$1,425.00
Payment Terms: Due Upon Receipt

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

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

Agenda Item No. 10

Other Business

Agenda Item No. 11

Adjourn