

AGENDA

Red Run Intercounty Drain Drainage Board Macomb and Oakland Counties

June 15, 2022– 10:00 a.m.

Office of the Oakland County Water Resources Commissioner
One Public Works Drive, Building 95 West
Waterford, 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 June 15, 2022
3. Approval of Drainage District Board Meeting Minutes from May 18, 2022
4. Public Comment
5. Red Run Freedom Hill
 - a. Account of Project Standing
 - b. Construction Update
 - c. Sediment Discussion
6. Present Construction Estimate No. 3 from L.J Construction in the amount of \$157,909.25
7. Present trial balance
8. Present for approval payment of invoices in the amount of \$21,747.88
9. Other business
10. Adjourn

Agenda Item No. 3

Board Meeting Minutes from
May 18, 2022

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

May 18, 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 May 18, 2022.

Present:

Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; 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: Brian Baker, Norb Franz, Danielle Devlin and Jeff Bednar. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, George Nichols, Meg Koss, Kelsey Cooke and Stephanie Lajdziak. Others in attendance: Jamie Burton and Nancy Kolinski (Hubbell, Roth & Clark) and Tina Gapshe (City of Warren)

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 10:10 a.m.

2. Agenda.

Motion by Vaara, supported by Miller, to approve the May 18, 2022, agenda as presented.

Adopted: YEAS – 3
NAYS – 0

3. Minutes.

Motion by Miller, supported by Vaara, to approve the minutes of the April 20, 2022, meeting.

Adopted: YEAS – 3
NAYS – 0

4. Public Comment.

None.

5. Freedom Hill.

Nancy Kolinski and Jamie Burton provided updates regarding the ongoing projects at Freedom Hill and the status of construction. Ms. Kolinski advised that plantings and restoration are underway along the Sterling Relief trail and presented photos. She furthered that the plantings will be completed by Spring 2023.

Mr. Burton addressed the water quality and sediment around the drain in the area downstream of Dequindre Road. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) required the U.S. Army Corps of Engineers (USACE) to perform sediment testing on the drain bank and bottom. Mr. Burton advised HRC is still in the process of analyzing the testing results provided by the USACE and determining further action. He stated that the testing of the water quality came back favorable, but the area of interest was the sediment. Discussion ensued as to the possible origin of the items found in the sediment samples and Mr. Burton advised more work will be done to further clarify the test results.

Ms. Kolinski also provided a brief update on the South Bank project. She advised that the USACE received a contract from American Engineers for the design of the drain improvements from Metro Parkway to the bend around the Sterling Relief.

George Nichols provided an overview of the recent Red Run Drain walk through that occurred on May 6th with the USACE. He stated that the areas of concern were the destabilizing of the channel and sloughing along the banks. He furthered that these issues will be detailed in a report generated by USACE which will be provided within the next month.

It was moved by Vaara, supported by Miller, to receive and file the Freedom Hill update as presented.

Adopted: YEAS – 3
NAYS – 0

6. Macomb County Public Works Office Construction Observation Services.
Macomb County Public Works invoice ARP220101 in the amount of \$9,262.50 and invoice ARP220102 in the amount of \$7,980.00 were presented. It was moved by Vaara, supported by Miller to approve the Macomb County Public Works invoices as presented.

Adopted: YEAS – 3
NAYS – 0

7. Construction Estimate
Construction Estimate No. 2 for L.J. Construction in the amount of \$180,510.38 was presented. It was moved by Miller, supported by Vaara, to approve Construction Estimate No. 2 in the amount of \$180,510.38 as presented.

Adopted: YEAS – 3
NAYS – 0

8. Trial Balance.
Mr. Nichols presented the Trial Balance report dated May 16, 2022 indicating a balance of \$1,840,535.49. It was moved by Vaara, supported by Miller, to receive and file the updated Trial Balance as provided.

Adopted: YEAS – 3
NAYS – 0

9. 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 \$56,319.87 was presented. It was moved by Vaara, supported by Miller, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund as presented.

Adopted: YEAS – 3
NAYS – 0

10. Adjourn.

Motion by Vaara, supported by Miller, to adjourn the May 18, 2022, meeting at 10:58 a.m.

Adopted: YEAS – 3
NAYS – 0

Next Regular Meeting: *Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan* and electronically at 10:00 a.m., Eastern Standard Time on June 15, 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 18th day of May, 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 18th day of May 2022.



Anne Vaara, Acting Secretary
Red Run Intercounty Drain Drainage Board

May 18, 2022

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Red Run Freedom Hill

Account of Project Standing

APS #: 18

Time Period: May 01, 2022 thru May 31, 2022

Prepared By: Nancy Kolinski

Date Issued: June 02, 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 ongoing
- Pay application 3 submitted

Construction Update:

- Biweekly onsite progress meetings occurring
- Pay application 3 submitted
- Trail construction ongoing
 - Cut/fill/grade of subgrade for shared-use path
 - Undercut of soft areas of path subgrade
 - Placement of the aggregate base for the shared-use path
- Restoration ongoing
 - Cardno is developing a planting plan for the hill behind the amphitheater.
 - Herbicide applied across berms on north and south side of gravel parking lot in Red Run area of project.
- No issues at this time (unforeseen circumstances leading to work orders/change orders, authorized extras, delays, etc.).

Focus of Efforts in Next Period:

- Trail construction ongoing – Grading, stone placement, underdrain installation and trail head constructions.
- Restoration ongoing
 - Complete remaining tilling work (bottom of Sterling relief; north side of riparian canopy along Red Run).
 - Complete remaining herbicide work (Sterling Relief; and north side of riparian canopy along Red Run).
 - Continue to place and spread topsoil for Lo Prairie seeding areas in Red Run section of project.

Critical Decisions Made:

- N/A

Outstanding Critical Questions:

- N/A

Client Assistance Needed:

- N/A

Schedule Concerns

- Plantings, particularly the hill behind the amphitheater, may 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. Levels exceed for Lead, Benzo(a)pyrene, chrysene, fluoranthene, phenanthrene, and pyrene and Total PCBs. Background information provided to Board members.

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. 6

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.3

	(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	2.00	4.00	6.00	\$ 4,800.00
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	-	-	-	\$ -
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	-	-	-	\$ -
9 HMA Surface, Rem	205	Syd	\$ 10.00	-	-	-	\$ -
10 Sidewalk, Rem	27	Syd	\$ 37.00	-	-	-	\$ -
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	17.00	-	17.00	\$ 18,462.00
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	3,200.00	1,250.00	4,450.00	\$ 102,350.00
22 Aggregate Base, 6 Inch, 21AA	140	Syd	\$ 39.00	-	-	-	\$ -
23 Aggregate Surface Crse, 3.5 Inch, Modified	1,100	Ton	\$ 45.45	-	-	-	\$ -
24 Subgrade Undercutting, Type III (as-needed)	251	Cyd	\$ 44.00	18.00	-	18.00	\$ 792.00
25 Geotextile, Stabilization (as-needed)	600	Syd	\$ 2.50	-	-	-	\$ -
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.3

	(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):	\$ 1,030,979.63
SUB-TOTAL (Change Orders):	\$ -
SUB-TOTAL (Stored Material):	\$ -
SUB-TOTAL TO DATE	\$ 1,030,979.63

Deductions:							
				-			\$ -
				-			\$ -
				-			\$ -
				-			\$ -

SUB-TOTAL (Deductions):	\$ -
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<u>Sub-Totals This Estimate</u>	
Bid Items	\$ 1,030,979.63
Change Orders	\$ -
Stored Materials	\$ -
Deductions	\$ -
Payment this Estimate	\$ 1,030,979.63
Less Transfer to Reserve	\$ 66,858.15
Net Payment	\$ 964,121.48

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: 2/22, 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~~ 006610 and , on this 23rd day of May, 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: 5/23/22

Contractor: L.S. Construction, Inc.

Signature: Danielle McClellan

Name: Danielle McClellan

Title: Assistant Controller

Agenda Item No. 7

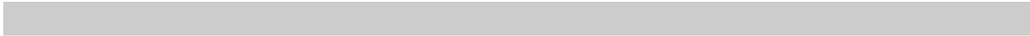
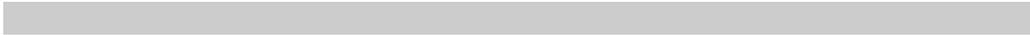
Trial Balance

Trial Balance

Organization	Oakland County
Periods	FY2022 : Jun
Ledger	Actuals
Accounting Worktag	FND82902 Red Run Federal Drain Ch21
Book	Operating
Company Currency	USD
Translation Currency	USD
Run	6/7/2022 9:29

Consolidation Data

Ledger Account	Beginning Balance
100100:Cash - Operating	1,878,001.12
104100:Accrued Interest on Investment	4,865.83
201210:Vouchers Payable AP Cont	(5,609.29)
211100:Due to Primary Government	(12,699.77)
228100:Deposits Liability	(26,244.40)
381350:FB Restricted Programs	88,240.61
450100:Cash Sweep	0.00
605000:Special Assessments	(2,650,003.00)
655000:Investment Income	(2,341.66)
730000:Contractual Services	697,415.63
770000:Internal Support Expenditures	28,374.93
Total	0.00



Debit Amount	Credit Amount	Ending Balance
5,609.29	11,218.58	1,872,391.83
0.00	0.00	4,865.83
5,609.29	0.00	0.00
0.00	0.00	(12,699.77)
0.00	0.00	(26,244.40)
0.00	0.00	88,240.61
5,609.29	5,609.29	0.00
0.00	0.00	(2,650,003.00)
0.00	0.00	(2,341.66)
0.00	0.00	697,415.63
0.00	0.00	28,374.93
16,827.87	16,827.87	0.00

Cash	\$	1,872,391.83
Permit Deposit Held		(26,244.40)
Due to Primary Government-DRF Reimbursement		(12,699.77)
Total Cash Available	\$	<u>1,833,447.66</u>

Agenda Item No. 8

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 *Q FOR SHAWN PHELPS*
OCWRC Accounting

DATE: June 15, 2022

SUBJECT: Request for Approval of Invoices

Request for Board approval of payment of the following invoices:

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
	TBP	Hubbell, Roth, & Clark Inc	Inv # 0196811 - Contracted Services - 05/14/22 - Proj# 1-2895	\$ 163.85
			Project # 1-2895 Subtotal	163.85
3/31/2022	TBP	Hubbell, Roth, & Clark Inc	Inv # 0196812 - Contracted Services - 05/14/22 - Proj # 1-3356	\$ 8,884.26
3/31/2022	V # 1600568	Hubbell, Roth, & Clark Inc	Inv # 0194758 - Contracted Services - 02/19/22 - Proj # 1-3356	11,899.77
3/31/2022	V # 1599938	Consumers Energy	Inv # 9322414505 - Permit License Fee - Proj # 1-3356	800.00
			Project # 1-3356 Total	\$ 21,584.03
			Total	21,747.88

Agenda Item No. 9

Other Business

Agenda Item No. 10

Adjourn