

AGENDA

Red Run Intercounty Drain Drainage Board Macomb and Oakland Counties

November 18, 2020 – 10 a.m.
Virtual/Teleconference Meeting

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 November 18, 2020
3. Approval of Drainage District Board Meeting Minutes from October 21, 2020
4. Public Comment
5. Present Memorandum recommending the Board approve engineering design services related to the Freedom Hill North Bank Restoration Project be awarded to Hubbell, Roth & Clark in the amount of \$238,490
6. Present Memorandum recommending the Board approve the requested compensation on an as-needed basis in the amount of \$88,570 for Hubbell, Roth & Clark for supplemental services related to the Freedom Hill North Bank Restoration Project
7. Present Memorandum recommending the Board authorize Oakland County Fiscal Services to execute the Self-Certification of Financial Capability document on behalf of the District and direct staff to prepare an apportionment to the communities to secure \$166,666 of matching funds for the Army Corps
8. Funding/Grant Application Update
9. Present trial balance
10. Determine date and location of next meeting
11. Other business
12. Adjourn

November Red Run Meeting
Wed, Nov 18, 2020 10:00 AM - 11:30 AM (EDT)

Telephone Conference

Dial In: 408-418-9388
Access Code: 173 265 0035

Video Conference (link)

<https://macombcounty.webex.com/macombcounty/j.php?MTID=ma8f27feb9f97006c1bf6889182f33721>

Agenda Item No. 3

Board Meeting Minutes from
October 21, 2020

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

October 21, 2020

A meeting of the Drainage Board for the Red Run Intercounty Drain was held via GoToMeeting on October 21, 2020. The meeting was called to order by the Chairperson at 10:02 a.m.

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 Jim Nash, Secretary and Oakland County Water Resources Commissioner.

Also Present: Representing the office of Macomb County Public Works Commissioner: Brian Baker, Jeff Bednar, Emily Engelman, Amanda Oparka, Karen Czernel. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steven Korth, George Nichols and Megan Koss. Others in attendance: Jamie Burton (Hubbell, Roth & Clark).

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 10:02 a.m. The Chairperson made a brief statement regarding the ongoing COVID-19 pandemic and, as a result, the need for the meeting to be held via GoToMeeting. He indicated that the meeting was being held in compliance with PA 228 of 2020, amending the Open Meetings Act.

2. Agenda.

Motion by Miller, supported by Nash, to approve the October 21, 2020 agenda as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the September 16, 2020 meeting.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

4. Public Comment. None.

5. Freedom Hill grant updates.

George Nichols and Jamie Burton provided an overview of the current status of the bank stabilization project at Freedom Hill, detailing HRC's letter as to the aforementioned, project options and associated costs. Mr. Burton noted that the anticipated services would be in

addition to the ongoing Red Run study, and that a phased approach to high priority areas of concern would be taken. Critical elements of these projects include stream bank stabilization, trail construction, invasive species control and native plantings.

Mr. Korth indicated that this work can be coordinated with ongoing efforts to construct an extension of a pedestrian and bike trail along this portion of the drain which will connect the Freedom Trail to the future leg of the Iron Belle Trail at Metro Parkway. It was furthered that coordinating the financing of this work with Macomb County Public Works and the Macomb County Road Commission would be advantageous in terms of grant funding leverage, cost savings, time and effort.

Discussion ensued regarding maintenance and public pathways, stabilization options and the likelihood of a grant from EGLE.

a) Motion by Miller, supported by Nash, to authorize HRC to assist with the grant application pursuant to HRC's letter as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

b) Motion by Miller, supported by Nash, to authorize the Chairperson to sign a letter of support for the project on behalf of the Drainage District.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

c) Motion by Nash, supported by Miller, to establish a project to restore the north bank of the drain at Freedom Hill for a total cost of \$1,853,100 which will include a pathway extension from the Sterling Relief Drain to Metro Parkway, invasive species control, and native plantings as described in the grant award documents associated with the Act 51 funding and the Southeast Michigan Resilience Funding. In addition, the Board authorizes the submission of a grant application to the Michigan Department of Environment, Great Lakes, and Energy's Nonpoint Source Program for the bank stabilization portion of the project.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

d) Motion by Nash, supported by Miller, to request a proposal from HRC to perform design cost work.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

6. Annual Drain Inspection Walkthrough.

Mr. Nichols provided an update regarding the October 1, 2020 drain inspection walkthrough. He indicated that representatives from the Army Corps, Oakland County Water Resources, Macomb County Public Works, HRC and Spicer had a very beneficial walk through of the drain area. Mr. Nichols noted that four sites with extra opportunity for enhancement were focused on, including the areas: east of Dequindre, east of Ryan, west of Van Dyke and Freedom Hill. He stated that he hoped to have the full Army Corps report by the next meeting.

7. Trial Balance.

Mr. Korth presented the Trial Balance report dated October 14, 2020 (as attached) indicating a net cash balance of \$42,583.39. It was moved by Miller, supported by Nash, to receive and file the updated Trial Balance as provided.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

8. Present Request for Approval of Invoice.

HRC invoice no. 182507 in the amount of \$5,510.21 was presented for consideration. It was moved by Nash, supported by Miller, to approve the invoice in the amount of \$5,510.21.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

9. Next meeting.

It was established that the next meeting would be November 18, 2020 at the conclusion of the other Chapter 21 meetings hosted by Macomb County.

10. Other Business. None.

11. Adjourn.

Motion by Nash, supported by Miller, to adjourn the October 21, 2020 meeting at 10:57 a.m.


ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

Next Regular Meeting: November 18, 2020. Due to the ongoing COVID-19 pandemic, the November meeting will be held virtually.

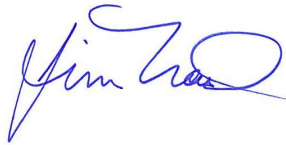


Jim Nash, Secretary
Red Run Intercounty Drain Drainage Board

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 21st of October, 2020 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 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 30th day of October, 2020.



Jim Nash, Secretary
Red Run Intercounty Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Design Engineering Services - Freedom Hill North Bank
Restoration Project

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

TO: Michael Gregg, Chairman of the Drainage Board for the Red Run Drain

FROM: George P. Nichols, P.E., Civil Engineer III

SUBJECT: Design Engineering Services - Freedom Hill North Bank Restoration Project

DATE: November 18, 2020

At the October 21, 2020 meeting, the Board established a project to restore the north bank of the drain at Freedom Hill for a total cost of \$1,853,100 which included the pathway extension from the Sterling Relief Drain to Metro Parkway, invasive species control, and native plantings as described in the grant award documents associated with the Act 51 funding and the Southeast Michigan Resilience Funding. In addition, the Board authorized the submission of a grant application to the Michigan Department of Environment, Great Lakes, and Energy's Nonpoint Source Program for the bank stabilization portion of the project.

With significant grant funding available for this project, it is appropriate to secure engineering design services with Hubbell, Roth & Clark. As outlined in their attached letter proposal dated November 6, 2020, the following design services are necessary:

1. Data Collection, Survey & Field Assessment
2. Soil Boring Analysis
3. Preliminary Design Plans
4. Final Design Plans and Bid Documents
5. Project Coordination

Staff with the Macomb County Public Works Office and Oakland County Water Resources Office concur with the services listed and associated costs proposed by HRC.

Requested Action

Authorization from the Board to approve compensation in the amount of \$238,490 to Hubbell, Roth & Clark for engineering design services related to the Freedom Hill North Bank Restoration Project.

November 6, 2020

Drainage Board for the Red Run Intercounty Drain
c/o Oakland County Water Resources Commissioner
One Public Works Drive
Building 95 West
Waterford, Michigan 48328

Attn: Mr. George P. Nichols, P.E. Civil Engineer III

Re: Red Run Drain Freedom Hill Restoration
Design Engineering Services

HRC Job No. 20200852

Dear Mr. Nichols:

The project team (Team) of Hubbell, Roth & Clark, Inc. and the Spicer Group, Inc. is pleased to offer engineering services to the Red Run Drainage Board for the subject project. On September 16, 2020, the Red Run Inter-County Drainage Board (ICDB) approved the *Study for the Repair, Maintenance, and Management of the Red Run Intercounty Drain* final report. From the report, the stabilization of the Red Run Drain along Freedom Hill was identified as a priority project. On October 21, 2020, the ICDB approved utilizing funds from the National Fish and Wildlife Foundation (NFWF) Southeast Michigan Resilience Fund and local Act 51 funding to proceed with Phase 1 of the Red Run Drain Freedom Hill Restoration project, as well as administer the associated NFWF grant work for the design and construction of a trail and plantings along the Sterling Relief Drain and Freedom Hill park.

The proposed Red Run Drain Freedom Hill Restoration is being funded by NFWF grant, Act 51, and ICDB funds. The grants have defined budgets, developed by others, with some scope items that overlap with the Freedom Hill Bank Stabilization Phase 1 scope developed by the Team. Since we were not involved with the development of the grant budgets, it is important to review these budgets in greater detail to refine the final project cost as the ICDB considers apportionment needs. The proposed engineering services are based on an estimated \$2 million construction budget. As more information is gathered and design progresses, the Team will provide an updated construction estimate. We propose that all items of work be completed under the terms and conditions of our existing Agreement for Professional Engineering Services. A breakdown of our proposed engineering design services and budgeted hours are summarized below and in the attached table:

- ≡ **Data Collection, Survey and Field Assessment** –The Team will review existing LiDAR information and record documents, evaluate permit needs, and perform field assessments to guide the project design. A review of Michigan Department of Environment, Great Lakes, and Energy (EGLE) permit requirements and Drain Code exemptions will be conducted to determine if the project requires a Part 301 permit. The project will require a United States Army Corps of Engineers (USACE) 408 review since the Red Run Drain project is not being constructed through USACE. Included in this effort is a pre-application meeting with EGLE and USACE. In addition, the Team will survey the proposed trail path to gather topographic information and perform tree tagging. The survey will note each drain's Right of Way, utilities, and encroachments that may impact the project. Five (5) soil borings will be obtained due to the project's proximity to a former landfill. The borings will be analyzed to verify that any proposed grading will not be impacted by potential contamination and guide restoration efforts and trail construction. Once the preliminary survey is completed, the Team will coordinate with the project partners to finalize the path location to best meet grant and ADA requirements.

Estimated Hours = 218

Delhi Township
2101 Aurelius Rd.
Suite 2A
Holt, MI 48842
517-694-7760

Detroit
535 Griswold St.
Buhl Building, Ste 1650
Detroit, MI 48226
313-965-3330

Grand Rapids
1925 Breton Road SE
Suite 100
Grand Rapids, MI 49506
616-454-4286

Howell
105 W. Grand River
Howell, MI 48843
517-552-9199

Jackson
401 S. Mechanic St.
Suite B
Jackson, MI 49201
517-292-1295

Kalamazoo
834 King Highway
Suite 107
Kalamazoo, MI 49001
269-665-2005

Lansing
215 S. Washington SQ
Suite D
Lansing, MI 48933
517-292-1488

- ≡ **Preliminary Design Plans** – The Team will prepare 30% design plans that include the base survey plan, site grading, earthwork calculations, soil boring locations, and proposed ADA path options. Based on the outcomes of the 30% design, the Team will evaluate the benefits of completing the project as a modified design build (as proposed in the awarded NFWF grant application) vs. a traditional design bid project and present them to the ICDB and project partners.

Estimated Hours = 248

- ≡ **Final Design Plans and Bid Documents**–The Team will prepare 60%, 90%, and Final design plans and specifications for bidding. Included in this task is the preparation of bid addendums.

Estimated Hours = 1289

- ≡ **Project Coordination** – The Team will host a kickoff meeting with the project partners in both counties. In addition, we will host monthly meetings (supplemented with bi-weekly meetings, as needed) with the Technical team staff from each county during the duration of the project (25 meetings) and attend monthly ICDB meetings (12 meetings). Monthly engineering design progress reports are included, as needed.

Estimated Hours = 154

Task	Hours	Cost
1.) Data Collection, Survey and Field Assessment	218	\$ 27,170.00
2.) Soil Boring Analysis (5 locations) *	-	\$ 10,000.00
3.) Preliminary Design Plans	248	\$ 30,900.00
4.) Final Design Plans and Bid Documents	1289	\$ 150,420.00
5.) Project Coordination	154	\$ 20,000.00
Totals	1909	\$ 238,490.00

* Analysis performed by others

We appreciate your consideration for the proposed project totaling \$238,000. This phase of design engineering will begin immediately upon approval and preliminary design plans (30%) will be presented to the ICDB by April 2021. The timing of final design plans will be scheduled once other submitted grant funding opportunities are known. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



James F. Burton, P.E.
Vice President

Attachment

pc: Spicer; R. Velez, S. Roznowski
HRC; L. Seymour, File

Hubbell, Roth & Clark, Inc.

2020 Hourly Rate Schedule

Prepared for:

Oakland County Water Resources

<u>Category</u>	<u>Billable Rates</u>
Principal	132.00 - 190.00
Sr. Associate/Managing Engineer	170.00 - 190.00
Associate/Managing Engineer	114.00 - 167.00
Department Manager	129.00 - 162.00
Manager	126.00 - 151.00
Supervisor	87.00 - 130.00
Sr. Project Engineer/Architect/Surveyor	118.00 - 164.00
Project Engineer/Architect/Surveyor	100.00 - 137.00
Staff Engineer/Architect/Surveyor	90.00 - 110.00
Senior Project Analyst	131.00 - 132.00
Project Analyst	97.00 - 134.00
Graduate Engineer/Architect I/II	66.00 - 112.00
Technical Specialist	146.00 - 146.00
Designer	93.00 - 132.00
Sr. Cadd Technician	76.00 - 111.00
Cadd Technician	53.00 - 59.00
Survey Technician	100.00 - 101.00
Survey Party Chief	77.00 - 116.00
Survey - Field Technician	49.00 - 77.00
Project Representatives	97.00 - 170.00
Sr. Construction Observer	77.00 - 92.00
Construction Observer I/II	46.00 - 75.00
Construction - Office Technician	49.00 - 67.00
Testing Engineer	99.00 - 99.00
Testing Coordinator	78.00 - 78.00
Testing Technician	48.00 - 78.00
Administrative Support**	43.00 - 135.00

*Wage rates shown above are for 2020.

Billable rates for Hubbell, Roth & Clark, Inc. include Unemployment and Payroll taxes, contributions for Social Security, Retirement benefits, Medical and Life insurance benefits, normal printing cost, telephones, fax, computer time, mileage, other overhead costs and profit.

Allowable Reimbursable expenses will be invoiced at our cost which is defined as the direct costs plus 12% .

** This Category includes Computer, Reproduction and Administrative Staff.

Agenda Item No. 6

Supplemental Services – Freedom Hill North Bank
Restoration

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Michael Gregg, Chairman of the Drainage Board for the Red Run Drain

FROM: George P. Nichols, P.E., Civil Engineer III

SUBJECT: Supplemental Services – Freedom Hill North Bank Restoration

DATE: November 18, 2020

Hubbell, Roth & Clark has provided a proposal for supplemental engineering services for the Freedom Hill North Bank Restoration project. These services cover work outside the scope of typical engineering design for this project and include:

- Securing permits from EGLE and USACE
- Documentation to ensure adherence to Grant Requirements
- Meetings and USACE Phase 2 Coordination
- Project Signage

The services listed in the proposal will be used on an as-needed basis and will be authorized by staff prior to HRC performing any work. A detailed description of each service and associated cost is outlined in the attached letter from HRC dated November 6, 2020. The Macomb County Public Works Office and Oakland County Water Resources Office concur on the list of services and associated costs.

Requested Action

Approve the requested compensation on an as-needed basis for an additional \$88,570 to Hubbell, Roth & Clark for engineering supplemental services as described in the proposal.

November 11, 2020

Drainage Board for the Red Run Intercounty Drain
c/o Oakland County Water Resources Commissioner
One Public Works Drive
Building 95 West
Waterford, Michigan 48328

Attn: Mr. George P. Nichols, P.E. Civil Engineer III

Re: Red Run Drain Freedom Hill Restoration
Design Engineering Supplemental Services

HRC Job No. 20200852

Dear Mr. Nichols:

The project team (Team) of Hubbell, Roth & Clark, Inc. and the Spicer Group, Inc. is pleased to offer supplemental engineering services to the Red Run Drainage Board for the subject project. Our base design engineering services proposal was provided under separate cover, dated November 6, 2020.

On October 21, 2020, the ICDB approved to utilize funds from the National Fish and Wildlife Foundation (NFWF) Southeast Michigan Resilience Fund and local Act 51 funding to proceed with Phase 1 of the Red Run Drain Freedom Hill Restoration project, as well as administer the associated NFWF grant work for the design and construction of a trail and plantings along the Sterling Relief Drain and Freedom Hill park. The proposed Red Run Drain Freedom Hill Restoration is being funded by NFWF grant, Act 51, and ICDB funds. The project has multiple funding agencies with each having its own governing agency responsible for the oversight of the funds.

As requested by the ICDB, we have identified the additional tasks beyond typical design engineering that the Team can assist with to make the implementation of Red Run Drain Freedom Hill Restoration Phase 1 efficient and complete. In general, utilizing grant funding requires additional project requirements to be met in addition to more robust stakeholder and agency coordination. We propose that all items of work be completed under the terms and conditions of our existing Agreement for Professional Engineering Services. A breakdown of our proposed engineering design services and budget are summarized below:

- ≡ **Permitting** – The Team will apply for all necessary permits required for the project and prepare all documentation required. Under the engineering services proposal provided under separate cover, the Team will hold a pre-application permit meeting with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) and United States Army Corps of Engineers (USACE). Based on earlier conversations with the USACE, the project will require a 408 review since the Red Run Drain project is not being constructed through USACE. The Team will coordinate with EGLE and USACE to prepare and submit the required information. A Soil Erosion and Sedimentation Control (SESC) permit will not be required from the City of Sterling Heights since the ICDB is administering the project and will utilize its APA designation for complying with SESC requirements. The preparation of the SESC requirements is included under a separate scope previously provided under separate cover.

Budget = \$14,570

- ≡ **Drainage District Assistance** – The Team will prepare a draft apportionment that reflects the supplemental benefits received from the project to the drainage district municipalities. Supplemental benefits will consider items such as trail construction, Sterling Relief Drain plantings, and other aspects not directly related to the repair, maintenance, and management of the Red Run Drain. Supplemental benefits should be memorialized in

Delhi Township 2101 Aurelius Rd. Suite 2A Holt, MI 48842 517-694-7760	Detroit 535 Griswold St. Buhl Building, Ste 1650 Detroit, MI 48226 313-965-3330	Grand Rapids 1925 Breton Road SE Suite 100 Grand Rapids, MI 49506 616-454-4286	Howell 105 W. Grand River Howell, MI 48843 517-552-9199	Jackson 401 S. Mechanic St. Suite B Jackson, MI 49201 517-292-1295	Kalamazoo 834 King Highway Suite 107 Kalamazoo, MI 49001 269-665-2005	Lansing 215 S. Washington SQ Suite D Lansing, MI 48933 517-292-1488
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agreements with the participating entities. The Team will assist legal counsel to draft, negotiate, and obtain these agreements. In addition, the team will compare the Right of Way (ROW) survey work to the historical ROW to determine if the ICDB needs to consider acquiring new easement to properly maintain the Drain. Finally, the team will assist with the preparation of agency agreements necessary to perform the work outside of the Red Run Drain Right of Way.

Budget = \$15,500

- ≡ **Monitoring Coordination** – The Team will assist with overseeing and coordinating the grant monitoring requirements with Six Rivers Land Conservancy and the Clinton River Watershed Council over the two-year project. Oversight will include reviewing Quality Assurance Project Plans, managing treatment scheduling and monitoring schedules, and providing updates to the ICDB and county partners.

Budget = \$7500

- ≡ **Grant Reporting** – The Team will prepare grant monthly progress reports, grant budget updates, and prepare the final report. The monthly progress reports will be presented to the ICDB for review. This task also includes assistance with NFWF and Act 51, as needed.

Budget = \$20,000

- ≡ **Meetings** – The Team will host meetings to coordinate grant requirements with the appropriate county agencies and assist with ICDB with apportionment /benefit meetings with municipalities. In addition, we will prepare the necessary supporting documents for each meeting. Approximately 155 hours is budgeted for this task.

Budget = \$20,000

- ≡ **USACE Phase 2 Coordination** – The Team will assist with the coordination of Red Run Drain Freedom Hill Restoration Phase 2 being designed through the USACE. The USACE is anticipating beginning design of Phase 2 in 2021, after design work will be well underway for Phase 1. It will be critical to share data to ensure the project is designed on the same data and with the same design approach. We will assist with the transferring of data, provide the basis of design for the overall project previously prepared, and meet with USACE and its design engineers, as needed.

Budget = 10,000

- ≡ **Project Signage** – The Team will assist with project signage development to inform the public of the project scope and partners. A sign layout will be developed and provided to assist with fabrication and installation.

Budget = \$1000

We appreciate your consideration for the above budgets totaling \$88,570. As noted, separate budgets are provided for each task. Our Team's time will be tracked separately and only at the discretion of the ICDB or lead staff from the county. This phase of supplemental design engineering assistance will begin immediately upon approval and be completed by December 31, 2022. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



James F. Burton, P.E.
Vice President

Attachment

pc: Spicer; R. Velez, S. Roznowski
HRC; L. Seymour, File

Hubbell, Roth & Clark, Inc.

2020 Hourly Rate Schedule

Prepared for:

Oakland County Water Resources

<u>Category</u>	<u>Billable Rates</u>
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Department Manager	129.00 - 162.00
Manager	126.00 - 151.00
Supervisor	87.00 - 130.00
Sr. Project Engineer/Architect/Surveyor	118.00 - 164.00
Project Engineer/Architect/Surveyor	100.00 - 137.00
Staff Engineer/Architect/Surveyor	90.00 - 110.00
Senior Project Analyst	131.00 - 132.00
Project Analyst	97.00 - 134.00
Graduate Engineer/Architect I/II	66.00 - 112.00
Technical Specialist	146.00 - 146.00
Designer	93.00 - 132.00
Sr. Cadd Technician	76.00 - 111.00
Cadd Technician	53.00 - 59.00
Survey Technician	100.00 - 101.00
Survey Party Chief	77.00 - 116.00
Survey - Field Technician	49.00 - 77.00
Project Representatives	97.00 - 170.00
Sr. Construction Observer	77.00 - 92.00
Construction Observer I/II	46.00 - 75.00
Construction - Office Technician	49.00 - 67.00
Testing Engineer	99.00 - 99.00
Testing Coordinator	78.00 - 78.00
Testing Technician	48.00 - 78.00
Administrative Support**	43.00 - 135.00

*Wage rates shown above are for 2020.

Billable rates for Hubbell, Roth & Clark, Inc. include Unemployment and Payroll taxes, contributions for Social Security, Retirement benefits, Medical and Life insurance benefits, normal printing cost, telephones, fax, computer time, mileage, other overhead costs and profit.

Allowable Reimbursable expenses will be invoiced at our cost which is defined as the direct costs plus 12% .

** This Category includes Computer, Reproduction and Administrative Staff.

Agenda Item No. 7

Freedom Hill South Bank Restoration Project – US
Army Corps Funding

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

TO: Michael Gregg, Chairman of the Drainage Board for the Red Run Drain

FROM: George P. Nichols, P.E., Civil Engineer III

SUBJECT: Freedom Hill South Bank Restoration Project – US Army Corps Funding

DATE: November 18, 2020

The U.S. Army Corp of Engineers has offered the District an opportunity to capture \$500,000 of unscheduled federal funds for design and construction of improvements to the south bank of the drain at Freedom Hill. Since funding for design and construction services is underway for work on the north bank of the drain along the Freedom Hill property, it would be in the best interest for the Board to secure available funds from the USACE for work on the south bank.

A 25% match contribution from the District in the amount of \$166,666 is required. The south bank restoration project would be administered by the Army Corps and will focus on improvements to the drain bank, incorporating slope stabilization, sediment removal, invasive removal and disposal as outlined in the project summary submitted by Hubbell, Roth and Clark.

The Army Corps of Engineers is requiring the Board to submit a letter of intent and a Self-Certification of Financial Capability document to acknowledge their involvement and acceptance of the terms and conditions.

In order to secure funds for the 25% match, the District would need to assess the communities next month to have the funds on hand to deliver to the ACOE by January 2021.

Requested Action

Authorize Oakland County, as Fiscal Services Manager of District funds, to sign the Self-Certification of Financial Capability document on behalf of the District and direct staff to prepare an apportionment to the communities to secure \$166,666 by January 2021.

Agenda Item No. 8

Funding/Grant Application Update

Agenda Item No. 9

Trial balance

Run By: 27706

Run: 11/10/2020 at 03:31 PM

Scope: 82902 Red Run Federal Drain Ch21

YTD Trial Balance
Fund: 82902 Red Run Federal Drain Ch21
As of Fiscal Period: Month 2, 2021

ACCOUNT		Fiscal Year BEG BAL	Current FY Net Activity	ENDING BAL
100100	Cash - Operating	69,822.61	(4,994.24)	64,828.37
101900	Fund Cash Transaction	0.00	(423.56)	(423.56)
104100	Accrued Interest on Investment	4,928.40	(107.69)	4,820.71
228100	Deposits	(26,244.40)	0.00	(26,244.40)
230852	Accounts Payable	(5,510.21)	5,510.21	0.00
	Revenues	0.00	(135.58)	(135.58)
	Expenditures	0.00	150.86	150.86
	Special Items- Uses	0.00	0.00	0.00
381350	FB Restricted Programs	(42,996.40)	0.00	(42,996.40)
		(0.00)	(0.00)	(0.00)

Cash as 11/10/2020	\$	64,828.37
Permit Deposits Held		(26,244.40)
Vouchers Payable AP		0.00
Due to Drain Revolving Fund		0.00
Total Net Cash Balance	\$	<u>38,583.97</u>

Agenda Item No. 10

Next meeting

Agenda Item No. 11

Other business

Agenda Item No. 12

Adjourn