

AGENDA

Red Run Intercounty Drain Drainage Board Macomb and Oakland Counties

August 19, 2026 – 10:30 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:

Joe Brezvai, 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 August 19, 2026
3. Approval of Drainage District Board Meeting Minutes from June 17, 2026
4. Public Comment
5. Present Memorandum requesting the Board approve the transfer of six sensors from U.S. Army Corp or Engineers to the Red Run Drainage Board and approve the annual cellular subscription of the six devices at a total cost of \$1,796.40
6. Present Macomb County Public Works Liability Insurance Renewal
7. Present HRC Account of Project Standing and Geotechnical Engineering Services Project Update
8. Present Spicer Group Project Update
9. Present Henry-Graham Roller Gate Rehabilitation Update
10. Present trial balance
11. Present approval for payment of invoices in the amount of \$35,094.56
12. Other business
13. Adjourn

Agenda Item No. 3

Board Meeting Minutes from
June 17, 2026

**MINUTES OF THE REGULAR MEETING OF THE DRAINAGE BOARD
FOR THE RED RUN DRAIN DRAINAGE DISTRICT**

June 17, 2026

Minutes of the regular meeting of the Drainage Board of the Red Run Drain Drainage District held at the office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan on the 17th day of June 2026 at 10:30 a.m. Eastern Standard Time and via Microsoft Teams.

The meeting was called to order by Chairperson Brezvai at 11:36 a.m.

PRESENT: Joe Brezvai, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development

Candice Miller, Member and Macomb County Public Works Commissioner

Anne Vaara, Chief Deputy Oakland County Water Resources Commissioner

Miller moved, seconded by Vaara, to approve the June 17, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held April 15, 2026, were presented for consideration. Vaara moved, seconded by Miller, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

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

MOTION CARRIED: Yeas – 3, Nays – 0

Motion by Vaara, seconded by Miller to receive and file the HRC Account of Project Standing report as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Motion by Miller, seconded by Vaara to authorize the services proposal with Geotechnical Engineering as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Motion by Miller, supported by Vaara, to authorize Spicer Group to proceed with the services as presented in their proposal.

MOTION CARRIED: Yeas – 3, Nays – 0

Gary Nigro, Manager with the Oakland County Water Resources Commissioner's Office, presented an update on the Henry-Graham Roller Gate Rehabilitation.

Motion by Miller, seconded by Varra, to receive and file the update as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Motion by Miller, seconded by Vaara, to approve and file the Trial Balance report indicating an available cash balance of \$641,171.18 as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Vaara moved, seconded by Miller, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$44,908.63 as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

George Nichols, Assistant Chief Engineer with Oakland County Water Resources reported that quotes are being obtained for storm drain outlet repairs at Chicago Road and Ryan Road, and at Schoenherr Road and 15 Mile Road.

By consensus, the Board agreed to cancel the July 8, 2026, meeting due to the short interval between regularly scheduled meetings.

There being no further business, Miller moved, seconded by Vaara, to adjourn the meeting at 11:03 a.m.

MOTION CARRIED: Yeas – 3, Nays – 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 10:30 a.m., Eastern Standard Time on August 19, 2026.

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 17th day of June 2026, 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 17th day of June 2026.

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

Anne Vaara, Acting Secretary
Red Run Intercounty Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

**Sensasphone Monitoring Equipment and Annual
Subscription Renewal**

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Joe Brezvai, Chairperson of the Red Run Drain Drainage Board

FROM: Joel Kohn, CPSWQ, Senior Environmental Planner

SUBJECT: Sensaphone Monitoring Equipment Transfer and Annual Subscription Renewal

DATE: August 19, 2026

For the past two years, Oakland and Macomb Counties have partnered with the U.S. Army Corps of Engineers on a monitoring program for hydrocarbons within the Red Run Drain Drainage District.

Six sensors were strategically placed at outfalls to monitor hydrocarbons and assist with spill response investigations. With the Army Corps' project now concluded, staff are requesting to transfer the equipment to the Drainage Board for continued monitoring. There is no cost associated with the equipment transfer. The annual cellular subscription is \$299.40 per device, for a total annual cost of \$1,796.40.

Requested Action: Approve the transfer of six sensors from U.S. Army Corps of Engineers to the Red Run Drainage Board and approve the annual cellular subscription of the six devices at a total cost of \$1,796.40.

Agenda Item No. 6

**Macomb County Public Works Liability Insurance
Renewal**

Macomb County Public Works
Liability Insurance - Renewal 6/28/2026
Chapter 21

EXPENSE COMPARISON					2026 PREMIUM BREAKDOWN		
DRAIN	(2023-24 Expenses)		(2024-25 Expenses)		(2023/24-2024/25 Average) - 2 Years		
	EXPENSES	PERCENT	EXPENSES	PERCENT	EXPENSES	PERCENT	COST
Bear Creek ¹	93,204	19.36%	31,051	3.64%	62,128	9.73%	9,823
Clinton River Spillway ²	116,099	24.12%	367,012	42.99%	241,556	37.81%	38,194
Gibson (Sterling Heights-Troy) ³	49,236	10.23%	0	0.00%	24,618	0.00%	0 ¹⁰
McCoy Relief ⁴	1,519	0.32%	0	0.00%	760	0.00%	0 ¹¹
Red Run ⁵	216,761	45.03%	364,770	42.72%	290,766	45.52%	45,975
Shafer Ext & Branch ⁶	0	0.00%	21,795	2.55%	10,898	1.71%	1,723
Sharkey Relief ⁷	1,032	0.21%	595	0.07%	814	0.13%	129
Plumbrook ⁸	3,330	0.69%	3,455	0.40%	3,393	0.00%	0 ¹⁰
Crapeau Creek ⁹	170	0.04%	65,105	7.63%	32,638	5.11%	5,161
Totals	481,351	100.00%	853,783	100.00%	638,797	100.00%	101,004
					\$ 101,004 Insurance Premium		

PREMIUM COMPARISON BETWEEN YEARS						
DRAIN	2025 Premium		2026 Premium		Difference in Premium	
	Based on 2 year average of		Based on 2 year average of			
	2022/23-2023/24		2023/24-2024/25			
Bear Creek	13.72%	13,250	9.73%	9,823	(3,427)	
Clinton River Spillway	16.79%	16,212	37.81%	38,194	21,982	
Gibson (Sterling Heights-Troy)	0.00%	0	0.00%	0	0	
McCoy Relief	0.17%	164	0.00%	0	(164)	
Red Run	68.79%	66,435	45.52%	45,975	(20,460)	
Shafer Ext & Branch	0.00%	0	1.71%	1,723	1,723	
Sharkey Relief	0.47%	450	0.13%	129	(321)	
Crapeau Creek	0.06%	63	5.11%	5,161	5,098	
Totals	100.00%	96,573	100.00%	101,004		
New Insurance Premium for 6/28/2026-6/27/2027 \$ 101,004						

CURRENT AVAILABLE FUNDS	
Bear Creek ¹²	778,662
Clinton River Spillway	56,116
Gibson (Sterling Heights-Troy)	2,237
McCoy Relief	315,636
Red Run	1,162,475
Shafer Ext & Branch	28,124
Sharkey Relief	692,864
Plumbrook	2,468
Crapeau Creek	10,415

¹ Bear Creek is decreased due to previous year's Emergency Repair on Eureka in Warren and repair on Albert.

² Clinton River expenses are increased due to the Weir SCADA Implementation.

³ Gibson decreased due to previous year's expenses for a Study Plan for the drain.

⁴ McCoy expenses are decreased due to no insurance premium last year, due to lack of funds.

⁵ Red Run expenses are higher this year, due to a Freedom Hill Bank Stallization phase 2.

⁶ Shafer expenses are due to Richmond Township drain repair. As part of drain match program.

⁷ Sharkey expenses decreased due to the insurance premium lower than previous year.

⁸ Plumbrook expenses are due to Sterling Heights drain repair. As part of drain match program.

⁹ Crapeau Creek's expenses have increased due to a New Baltimore drain repair. As part of drain match program.

¹⁰ Plumbrook and Gibson has minimal cash, therefore their portion of the premium has been reallocated to the other drains.

¹¹ McCoy portion of the premium was minimal so it has been reallocated to other drains.

¹² \$700,000 of Bear Creek money is in reserve for future operation and maintenance per November 1998 Board Meeting.

¹³ The following drains are not covered under the current policy; Walker, Kutchey, McKay and St. Clair Macomb

Agenda Item No. 7

HRC Account of Project Standing and Geotechnical
Engineering Services Project Update

**Red Run Intercounty Drain Drainage Board
2025 Update and Comprehensive Action Plan
Account of Project Standing**



HRC Project # 20250308.02

APS #: 11

Time Period: June 1, 2026 thru July 31, 2026

Date Issued: August 1, 2026

Prepared By: Jamie Burton

Project Task Summary:

Phase 1: Conditions and Priorities – COMPLETED

Task 1- Merge all available data sets into comprehensive and centralized GIS platform - *Complete*

Task 2 – Scan and categorize all Red Run files into one central location - *Complete*

Task 3 – Develop a consistent rating system for banks – *Complete*

Task 4 – Evaluate conditions in drain conditions from 2018-2025 – *Complete*

Task 5 – Overlay and comment on ROW/easement availability or encroachments – *Complete*

Task 6- Identify any areas that should be addressed immediately with recommended stabilization measures – *None Identified*

Task 7- Review existing modeling and flow data to estimate sheer stress concerns over a variety of flows - *Complete*

Task 8- Establish a repeatable prioritization metric - *Complete*

Task 9- Prepare a comprehensive but dynamic map of the conditions and priorities for repair and improvement – *Complete*

Task 10- Preliminary report memo and presentation to the Board – *Complete*

Task 11- Normal administrative tasks including biweekly team calls and monthly reports to the Board – *Ongoing*

Phase 2- Restoration and Improvement Recommendations – IN PROGRESS

Task 1- Review previous project designs and current field conditions to see what worked well and why – *In Progress*

- SharePoint Drive with past reports and designs on the Drain shared with staff and sub-consultants

Task 2- Field Data Collections – *In Progress*

- On site meeting on 5/27 with FKE, MCPWO staff, City staff at Warren Wastewater Treatment Plant
- FKE geotechnical services proposal received for 5 areas of concern

**Red Run Intercounty Drain Drainage Board
2025 Update and Comprehensive Action Plan
Account of Project Standing**



- FKE preliminary geotechnical work plan, including access path and proposed staging area, received for the 5 areas of concern
 - HRC and FKE site visit took place on 7/23
 - Additional access discussion with Warren Community Center and K-9 Specialties needed
- Assist Spicer Group as needed for the Drainage District assessment proposal

Task 3- Generate design cross sections and stabilization means per conditions

Task 4- Provide planning level estimates of probable project costs and run costs through the current apportionment rolls

Task 5- Comment on other recommendations

Task 6- Normal administrative tasks including biweekly team calls and monthly reports to the Board

Task 7- Preliminary report memo and presentation to the Board

Task 8- Final report memo and presentation to the Board

Work Completed Since Last Account of Project Standing (APS):

- Phase 1 memo finalized
- Identification of field data needed – soil boring on 5 areas of concerns, boundary survey
- Updated Phase 2 scope of work proposal

Focus of Efforts in Next Period:

- Easement / Right of Way research
- Field data collection
 - Geotechnical investigation
 - Boundary survey

Critical Decisions Made:

- FKE preliminary work plan on access requirements

Outstanding Critical Questions:

- None at this time

Client Assistance Needed:

- None at this time

Schedule Concerns

- None at this time

Scope and/or Budget Concerns:

- None at this time

Memorandum

TO: Ms. Nancy Kolinski, P.E.; Mr. Jamie Burton, P.E. - HRC

DATE: July 31, 2026

FROM: Brittany Pardy, P.E.; Fritz Klingler, P.E. - FKE

FKE PROJ. NO: 26-114

SUBJECT: Geotechnical Field Investigation Work Plan
Red Run Drain Project
Macomb County, Michigan

As discussed and in accordance with our contract, FK Engineering (FKE) has prepared this memorandum documenting our proposed work plan to complete field activities as a part of our geotechnical investigation at 5 locations along the Red Run Drain, in Macomb County, Michigan.

BACKGROUND

As a part of an ongoing project initiated by the Red Run Intercounty Drain Drainage Board (RRIDDB, Chapter 21 District including Oakland County WRC and Macomb County PWC), Hubbell, Roth & Clark, Inc. (HRC) has identified 5 Areas of Concern (5 Areas) along the Red Run Drain (Drain) in Macomb County that have shown signs of erosion and slope failure in recent years. HRC has been tasked with developing a clear, actionable plan that will reduce long-term maintenance and risks within the Drain with the initial focus at the 5 Areas. HRC has retained FKE to perform a geotechnical investigation at the 5 Areas and to provide select design services related to slope stabilization of the Drain banks.

As a part of HRC's earlier project activities, the 5 Areas of Concern were assigned the following labels:

1. Project ID #78 (ID 78),
2. Project ID #84 (ID 84),
3. Project ID #13 (ID 13),
4. Project ID #95 & 96 (ID 95 & 96), and
5. Project ID #121 (ID 121).

Photos of each area have been provided by HRC and are included in the attached Figures 1 through 6.

GEOTECHNICAL INVESTIGATION

In general, the field activities for the geotechnical investigation will consist of performing test borings and hand auger borings at each of the above sites. All test borings will be performed with the use of an ATV Mounted Drill Rig (See Image 1).

Subject to available access, the test borings will be located near the center of each of the 5 Areas and will be performed at the top of the Drain slope. If access at the desired location near the center is not available, we will locate the borings as close to the desired location as possible.

FK Engineering Associates

FKE will work with HRC to confirm slope and drain elevations so each test boring can be extended at least 10 feet below the drain bottom. Proposed test boring locations, access routes, and equipment staging locations are presented in Attached Figures.

Hand auger boring locations will be determined in the field at the time of the investigation. Within each of the 5 Areas, our onsite civil technicians/engineers will navigate the slopes where safe access is available and will perform a hand auger boring at the lowest reachable elevation above the water level. We have assumed that a clear path down the Drain slope can be found within each Area. The hand auger borings will be extended up to 10 vertical feet below the surface where the boring is performed.



Image 1: Photo of an ATV Mounted Drill Rig during drilling activities.

SUMMARY OF ACCESS FOR TEST BORINGS

In general, an easement (permanent easement or fee parcel) exists for the Drain. However, access to stage equipment and navigate to each test boring location to perform drilling activities is not available within an easement at each Area. We have performed a site visit to each location, where accessible. Additionally, we reviewed the 5 Areas using parcel maps provided by HRC and Google Earth to review site conditions (elevations, tree cover, etc.) as best as possible. Tracking mats will be used as needed for tracking across soft surfaces or areas that are to be protected (sidewalks). The following describes our observations and expectations for access at each site.

ID #78

Equipment will be staged in an empty lot located south of the Drain and west of Ryan Rd (See Figure 2). The route between the staging area and the proposed test boring location could not be walked due to being overgrown. However, we understand this path used to be regularly utilized therefore we assume the path is relatively level and expect with some clearing the path will be accessible by our proposed rig. The staging area and the route to the proposed test boring both appear to be within a Permanent Easement.

ID #84

Equipment will be staged in an empty lot located south of the Drain and east of Ryan Rd (See Figure 3). The route between the staging area and the proposed test boring location appears to require tree clearing, otherwise the area is relatively level and will be passable with an ATV Mounted Drill Rig. The proposed staging area and route to the proposed test boring both appear to be within a Fee Parcel.

ID #13

Based on conversations with HRC, we understand it is possible to receive timely permission from the City of Warren to allow staging and travel through the Warren Community Center. The route between the parking lot and the proposed test boring location is relatively level and does not appear to require clearing for access. However, written approval for FKE and our drilling

FK Engineering Associates

subcontractor to enter will be required prior to field activities. We assume HRC will obtain and provide the permission for FKE.

An alternative option is to stage equipment southeast of St. Vincent Ave. in an empty lot located north of the Drain. However, this alternative site/route was not visited by FKE in person. Based on available aerials, the route between the staging area and the proposed test boring location appears to be clear with the exception of the first 50 to 100 feet where some vegetation clearing may be required. Based on Google Earth, the elevation changes gradually along the proposed route which will be passable with an ATV Mounted Drill Rig. The proposed staging area and route to the proposed test boring both appear to be within a Permanent Easement.

ID #95 & 96

The proposed staging and test boring location will require permission to access from K-9 Specialties as access to the permanent easement for this area is not available without entering their property. With K-9 Specialties approval, equipment could be staged at the back of the business's parking lot or in the grass to the East of the lot. Assuming staging at K-9's property, the route to the proposed test boring would be clear, short, and relatively level. Therefore, no clearing would be required. The proposed staging and test boring location will require written permission for FKE and our drilling subcontractor to access from K-9 Specialties. We assume HRC will obtain and provide the permission for FKE.

ID #121

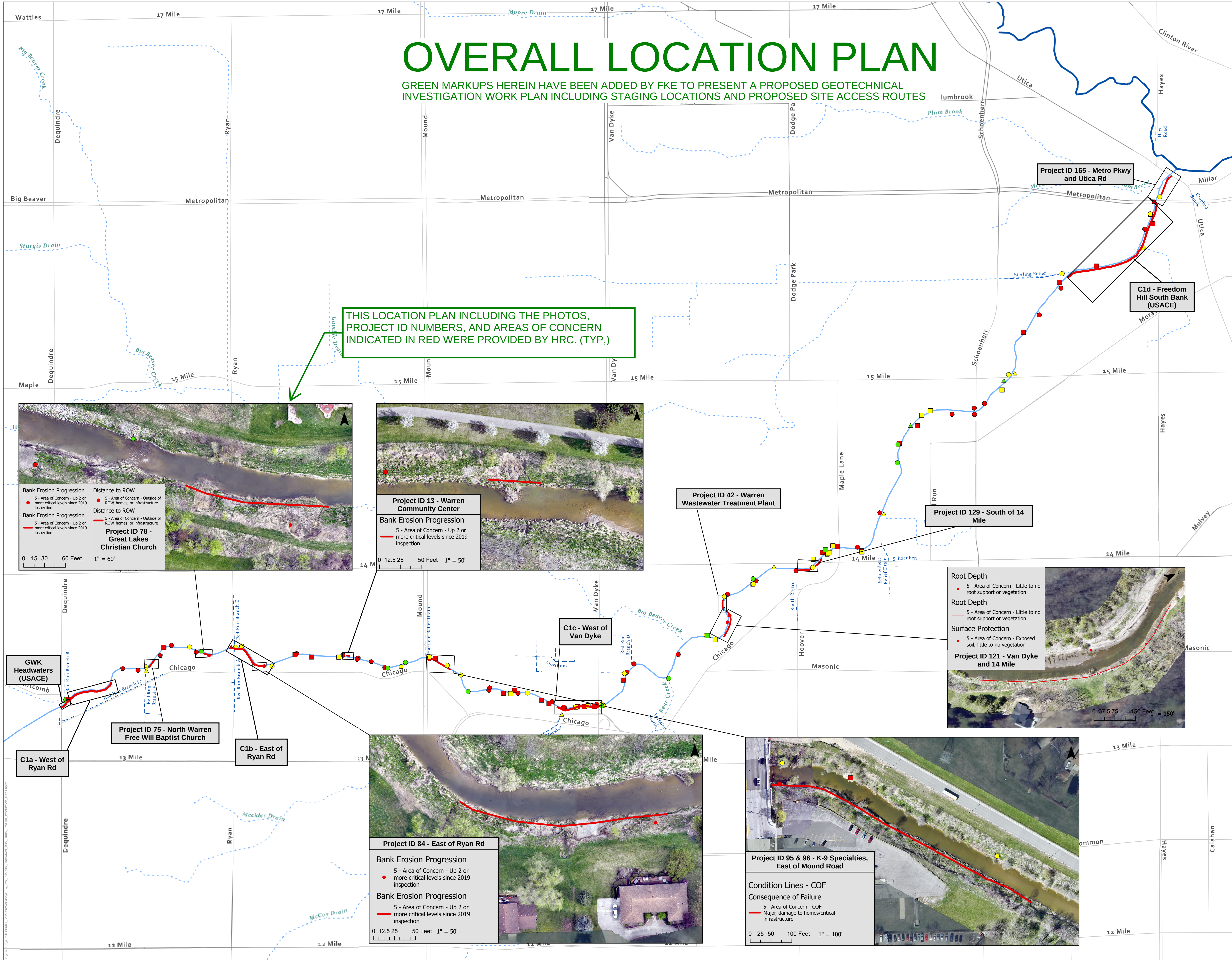
Equipment will be staged on Hoover Rd. just North of an existing guardrail, generally located just south of where the Drain crosses under 14 Mile Rd. (See Figure 6). The route between the staging area and the proposed test boring location (See Figure 5) is relatively long due to limited access. However, the path is largely passable with some clearing and three trimming required. Where the travel path could be walked, the path was relatively level. Our staging, traveling, and drilling activities will largely take place in a Permanent Easement and will also pass through a Fee Parcel.

There is another nearby roadway (Margaret Ct.) that could allow for closer staging and less traveling to reach the proposed test boring location however, this roadway appears to be privately owned by local homeowners. Use of this roadway would require vegetation and/or tree clearing however, the extents of clearing may be less; this route was not walked during our site visit due to overgrown trees/shrubs.

If the above planned access for each of the currently proposed boring locations must be significantly modified to accommodate actual site issues, we will coordinate with HRC to determine alternative access and/or modified boring locations.

END OF MEMORANDUM

Attachments:
Figures 1-6



CANDICE S. MILLER
1818
MACOMB COUNTY PUBLIC WORKS

WRC
WATER RESOURCES COMMISSIONER
Jim Nash

HRC
HUBBELL, ROTH & CLARK, INC
CONSULTING ENGINEERS SINCE 1915

Red Run Intercounty Drain

Area of Concern
Condition Ratings

Map Features

- Clinton River
- Red Run Drain
- Red Run Outfalls
- Condition, Diameter (in)
- Failed, $\geq 60"$
- Failed, 12"-60"
- Failed $\leq 12"$
- Failed, Unknown
- Poor, $\geq 60"$
- Poor, 12"-60"
- Poor, $\leq 12"$
- Poor, Unknown
- Good, $\geq 60"$
- Good, 12"-60"
- Good, $\leq 12"$
- Good, Unknown
- Enclosed Gravity Drains

1" = 1200'

0 300 600 1,200 Feet

TROY
MADISON HEIGHTS
STERLING HEIGHTS
WARREN
CLINTON
FRASER
ROSEVILLE

FIGURE 1



LEGEND

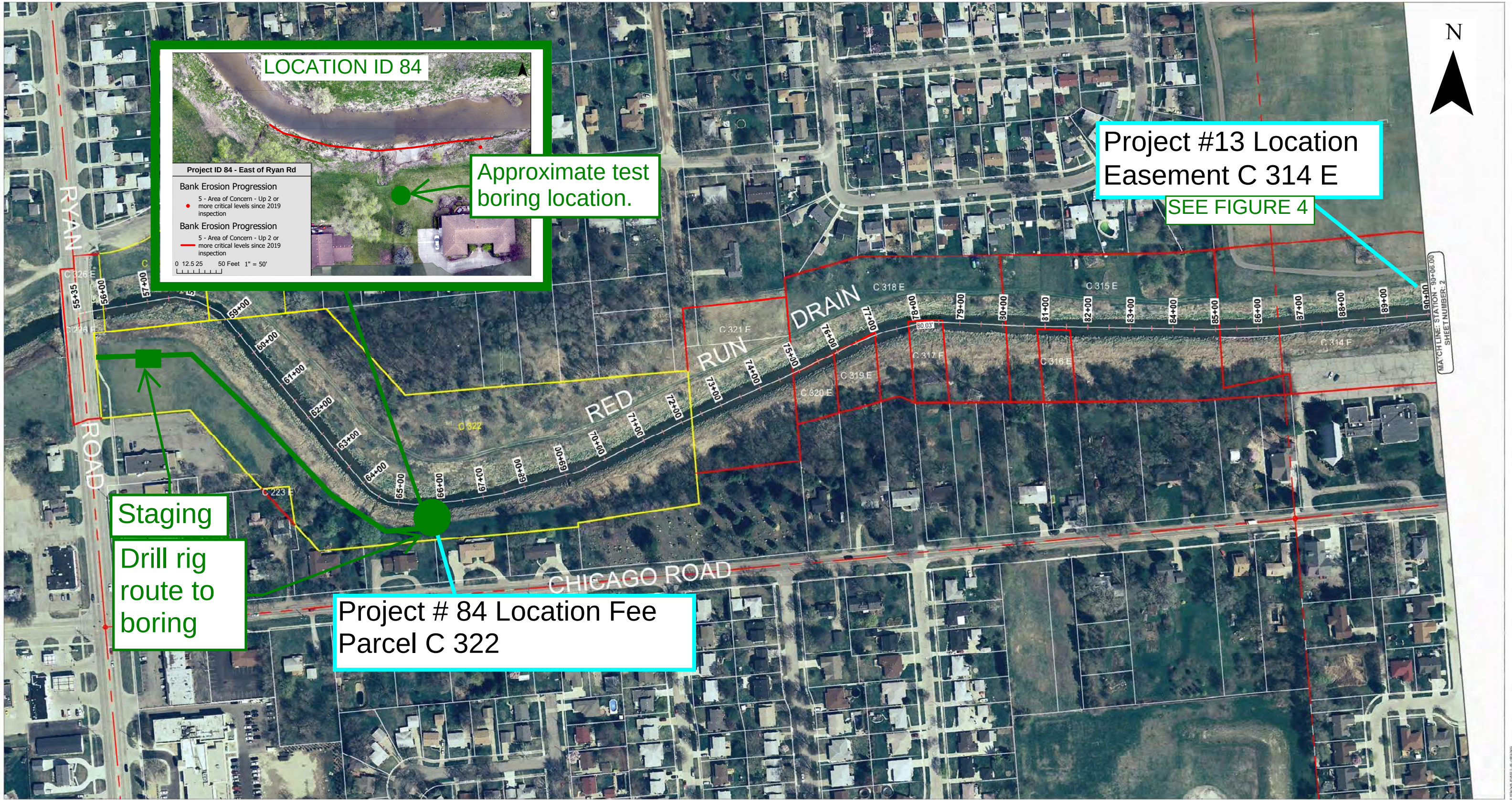
Section Corner	Permanent Easement
Section Line	Fee Parcel
Tax Parcels	CL Alignment
	##### Easement/ Fee Parcel ID #



**RED RUN INTER COUNTY DRAIN
VEGETATION REMOVAL PROJECT PHASE I**
Sta. 28+00 to 55+35
CITY OF WARREN
MACOMB COUNTY, MICHIGAN

Disclaimer: The information provided in this system has been compiled from recorded deeds, plats, tax maps, surveys and other public records and data. It is not a legally recorded map or survey and is not intended to be used as one. Users of this data are hereby notified that the information sources mentioned above should be consulted for verification of the information.

WRC
WATER RESOURCES COMMISSIONER
John P. McCulloch
Public Works Building 95 West
One Public Works Drive
Waterford, Michigan 48328



LOCATION ID 84

Project ID 84 - East of Ryan Rd

Bank Erosion Progression

5 - Area of Concern - Up 2 or more critical levels since 2019 inspection

Bank Erosion Progression

5 - Area of Concern - Up 2 or more critical levels since 2019 inspection

0 12.5 25 50 Feet 1" = 50'

Project #13 Location
Easement C 314 E
SEE FIGURE 4

Staging
Drill rig
route to
boring

Project # 84 Location Fee
Parcel C 322

LEGEND

Section Corner

Section Line

Tax Parcel

Permanent Easement

Fee Parcel

Gr. Assignment

Easement Fee Parcel ID

RED RUN INTER COUNTY DRAIN
VEGETATION REMOVAL PROJECT PHASE II
Sta. 55+35 to 90+06
CITY OF WARREN
MACOMB COUNTY, MICHIGAN

WRC
WATER RESOURCES COMMISSIONER
John P. McCulloch
Public Works Building 95 West
One Public Works Drive
Waterford, Michigan 48328



**RED RUN INTER COUNTY DRAIN
VEGETATION REMOVAL PROJECT PHASE II**
Sta. 90+06 to 125+27
CITY OF WARREN
MACOMB COUNTY, MICHIGAN





LOCATION ID 121

Root Depth
 • 5 - Area of Concern - Little to no root support or vegetation

Root Depth
 — 5 - Area of Concern - Little to no root support or vegetation

Surface Protection
 • 5 - Area of Concern - Exposed soil, little to no vegetation

Project ID 121 - Van Dyke and 14 Mile

0 37.5 75 150 Feet = 150'

SEE FIGURE 6
FOR STAGING
AND ROUTE

Margaret Ct.
(private)

Project # 121 Location
Easement B 209 E

LEGEND

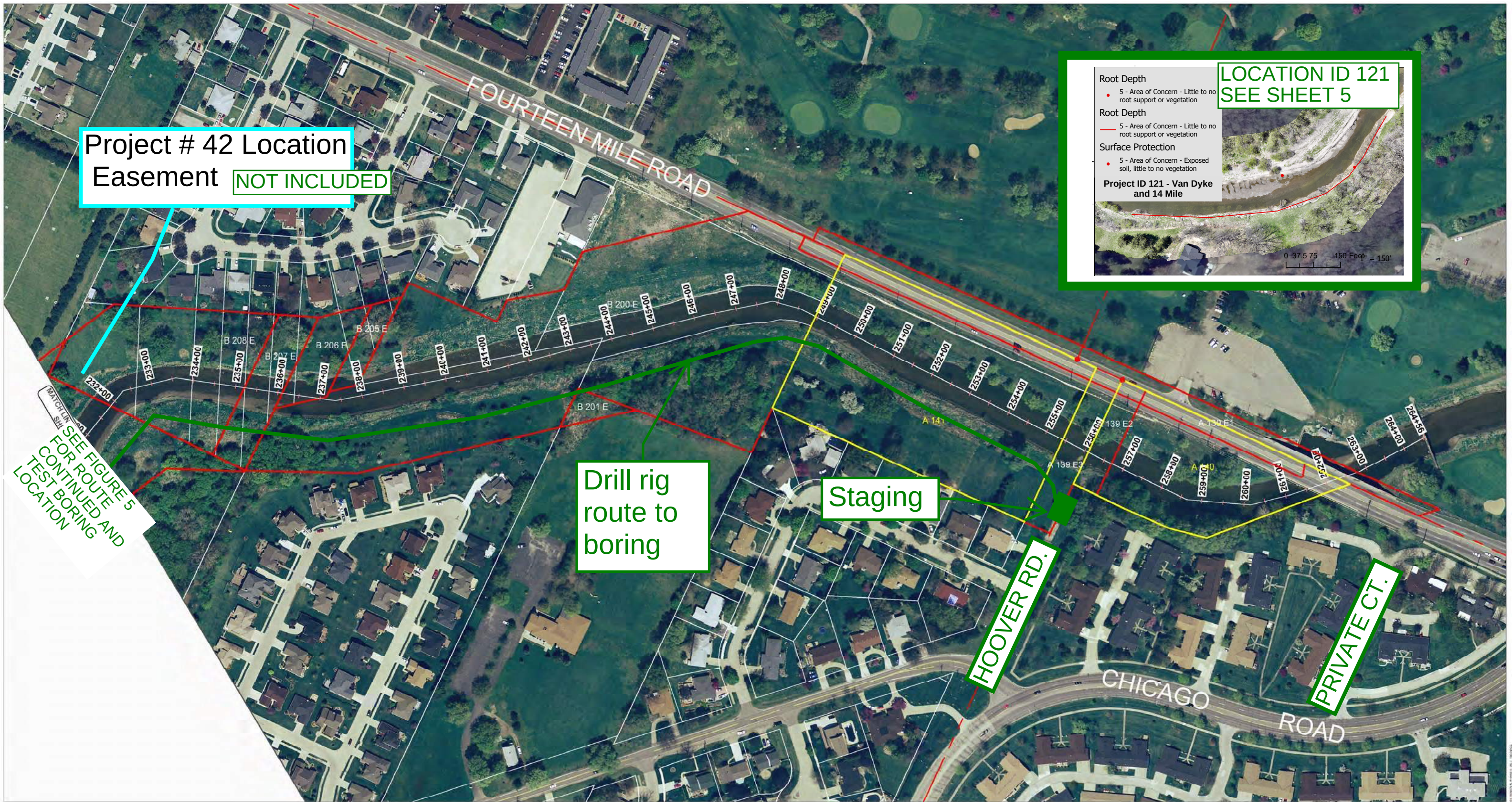
Section Corner	Permanent Easement
Section Line	Fee Parcel
Tax Parcel	C.L. Alignment
	Easement Fee Parcel ID #



**RED RUN INTER COUNTY DRAIN
VEGETATION REMOVAL PROJECT PHASE II**
 Sta. 195+69 to 230+90
 CITY OF WARREN
 MACOMB COUNTY, MICHIGAN

WRC
 WATER RESOURCES COMMISSIONER
 John P. McCulloch
 Public Works Building 95 West
 One Public Works Drive
 Waterford, Michigan 48328

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Project # 42 Location
Easement **NOT INCLUDED**

**LOCATION ID 121
SEE SHEET 5**

- Root Depth
- 5 - Area of Concern - Little to no root support or vegetation
- Root Depth
- 5 - Area of Concern - Little to no root support or vegetation
- Surface Protection
- 5 - Area of Concern - Exposed soil, little to no vegetation
- Project ID 121 - Van Dyke and 14 Mile

0 37.5 75 150 Feet = 150'

SEE FIGURE 5
FOR ROUTE OF
CONTINUED AND
TEST BORING
LOCATION

Drill rig
route to
boring

Staging

HOOVER RD.

PRIVATE CT.

CHICAGO
ROAD

LEGEND

Section Corner	Permanent Easement
Section Line	Fee Parcel
1/4" = 100'	CL Alignment
#####	Easement For Parcel GS#



**RED RUN INTER COUNTY DRAIN
VEGETATION REMOVAL PROJECT PHASE II**
Sta. 230+90 to 264+56
CITY OF WARREN
MACOMB COUNTY, MICHIGAN

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WRC
WATER RESOURCES COMMISSIONER
John P. McCullough
Public Works Building 95 West
One Public Works Drive
Waterford, Michigan 48328

Agenda Item No. 8

Spicer Group Project Update

August 11, 2026

Red Run Intercounty Drainage Board
c/o Michigan Department of Agriculture and Rural Development (MDARD)
Macomb County Public Works Commissioner
Oakland County Water Resources Commissioner

Re: Municipal Information Request Letter – Assessment Methodology Review

Red Run Intercounty Drainage Board:

Attached is a draft Municipal Information Request Letter for the Red Run Intercounty Drain Assessment Methodology Review project. The letter is intended to help the Board gather current municipal information on development, drainage infrastructure, stormwater facilities, watershed studies, planned improvements, and other factors that may affect drainage conditions and benefit apportionments.

As discussed at the last Intercounty Drain Board Meeting, updated local information will supplement available GIS, drainage district, and watershed data so the assessment methodology reflects current conditions and the best available information.

We respectfully request the Board's review of the attached draft letter and any comments, revisions, or additional information requests that the Board would like incorporated prior to distribution. Upon receiving Board approval, we propose the following communication plan to coordinate outreach with the municipalities and document the status of information received:

- Obtain and verify a current list of municipal contacts for each community within the drainage district.
- Establish a target date to send the municipal information request letters.
- Coordinate with each county to determine who will send which letters and to avoid duplicate or missed communications.
- Schedule follow-up phone calls with municipalities after the letters are distributed to answer questions and encourage timely responses.
- As information is collected, document how the data is being received, reviewed, organized, and incorporated into the assessment methodology review process.
- Prepare a summary spreadsheet that can be shared with the Board to track the status of each request, including responses received, outstanding items, and any follow-up needed.

Please let us know if you would like any modifications to the draft or additional information included in the municipal request.

Thank you for your time and consideration. We appreciate the Board's guidance and look forward to assisting with the next phase of this effort.

Sincerely,

Richard V. Graham, PE

Vice President
Spicer Group, Inc.

Enclosure: Draft Red Run Intercounty Drain Municipal Information Request Letter and Map



Red Run Intercounty Drain Drainage District

Request for Drainage, Development, and Infrastructure Information

[DATE]

[Municipality Name]

[Contact Name / Title]

[Address]

[City, State ZIP]

Subject: Request for Drainage, Development, and Infrastructure Information – Red Run Intercounty Drain

Dear Municipal Representative:

The Red Run Intercounty Drain Drainage Board is undertaking a comprehensive review of the methodology used to apportion costs among the public entities that benefit from the Red Run Intercounty Drain. The objective of this effort is to ensure that the assessment methodology is supported by current information and accurately reflects the relative benefits received throughout the drainage district.

As part of this review, the Drainage Board is also evaluating the existing drainage district to identify updates that may be warranted based on changes that have occurred since it was last revised in 1978. Over time, development and redevelopment activities, transportation improvements, public utility projects, stormwater management facilities, and other infrastructure investments may have altered drainage patterns, runoff characteristics, and the manner in which stormwater is conveyed to the Red Run Intercounty Drain system. Understanding these changes is critical to ensuring that the assessment methodology is based upon the best available information and current watershed conditions.

To support this effort, the Drainage Board is requesting assistance from each municipality within the drainage district. Local communities often possess valuable information regarding historical and current development, drainage infrastructure, stormwater management facilities, and planned growth that may not be reflected in existing drainage district records. The Board is seeking to compile the most complete and current information available to evaluate drainage conditions, watershed characteristics, the existing drainage district, and the assessment methodology.

The Drainage Board asks each municipality to first consider whether changes have occurred since the drainage district was last updated in 1978 that may warrant a review or update. These changes may include development, redevelopment, infrastructure improvements, or other conditions that have significantly affected stormwater drainage patterns or contributions to the Red Run Intercounty Drain. If your municipality believes such changes have occurred, please provide available records, data, or other supporting information that identifies the areas, conditions, or improvements that should be considered as part of the Drainage Board's review. Attached is a map of the current drainage district for your reference.

Requested Information

If your municipality believes changes have occurred since the drainage district was established that may warrant a review or update of the current drainage district, please provide any available information, plans, maps, reports, data, or files related to the following items, provided they are related to drainage to the Red Run Intercounty Drain or identify significant changes in stormwater drainage patterns:



Red Run Intercounty Drain Drainage District

1. Site plans or development/redevelopment information for projects that have significantly altered stormwater drainage patterns or runoff contributions for your municipality.
2. Relevant master plans, land use plans, capital improvement plans, and infrastructure planning documents.
3. Relevant stormwater management studies, watershed studies, or drainage studies.
4. Current storm sewer system maps, drainage system maps, and GIS data related to stormwater infrastructure.
5. Detention and retention basin information, pump station information, and drainage control structures.
6. Relevant flooding analyses, flood mitigation studies, or known drainage concern areas.
7. Summary of completed, ongoing, or planned municipal stormwater, road, utility, or drainage improvement projects.
8. Documentation identifying changes to drainage patterns resulting from development, redevelopment, or infrastructure improvements that would affect the apportionment for your municipality.
9. Any other relevant records, studies, files, or local knowledge that may assist in evaluating drainage characteristics and benefits associated with the Red Run Intercounty Drain.

Requested response date: September 30th, 2026

If your municipality does not have information responsive to this request, please provide a brief response indicating that no additional documents or information are available at this time and whether your municipality believes any drainage district review or update should be considered.

The Drainage Board is hopeful that responses can be provided within 30 days of receipt of this request. If helpful, the Board and its technical representatives are willing to schedule an in-person meeting or virtual meeting to discuss this request in greater detail and answer any questions. If no response is received within 30 days, we plan to follow up with your municipality to check in and determine whether any additional information or discussion would be helpful.

The Drainage Board appreciates your cooperation and participation in this important effort. To assist with the orderly collection and review of information from each municipality, the Drainage Board has requested technical support and coordination assistance from Spicer Group, Inc. Please submit available information, or direct any questions regarding this request, to Rich Graham, P.E., using the contact information below:

Contact:	Rich Graham, P.E.
Email:	Richg@spicergroup.com
Phone:	(248) 495-2927

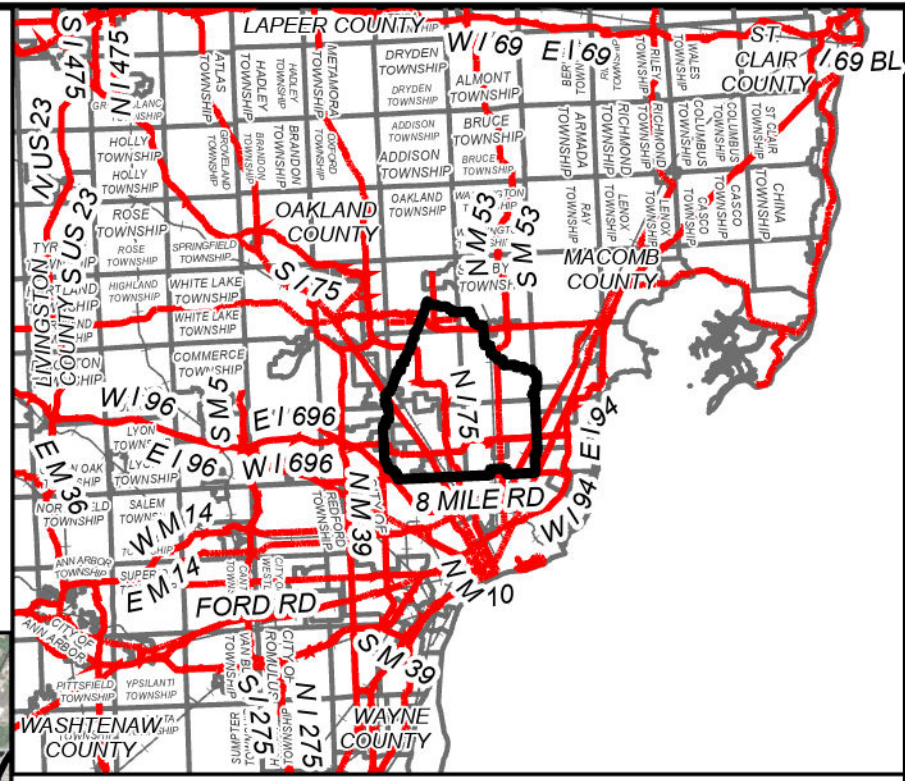
Sincerely,

Red Run Intercounty Drain Drainage Board

cc: Joe Brezvai, Chair, Red Run Intercounty Drain Drainage Board, MDARD
Candice Miller, Macomb County Public Works Commissioner
Jim Nash, Oakland County Water Resources Commissioner

RED RUN INTERCOUNTY DRAIN MACOMB AND OAKLAND COUNTIES, MICHIGAN

MICHIGAN DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT - JOE BREZVAI
MACOMB COUNTY PUBLIC WORKS COMMISSIONER - CANDICE MILLER
OAKLAND COUNTY WATER RESOURCES COMMISSIONER- JIM NASH



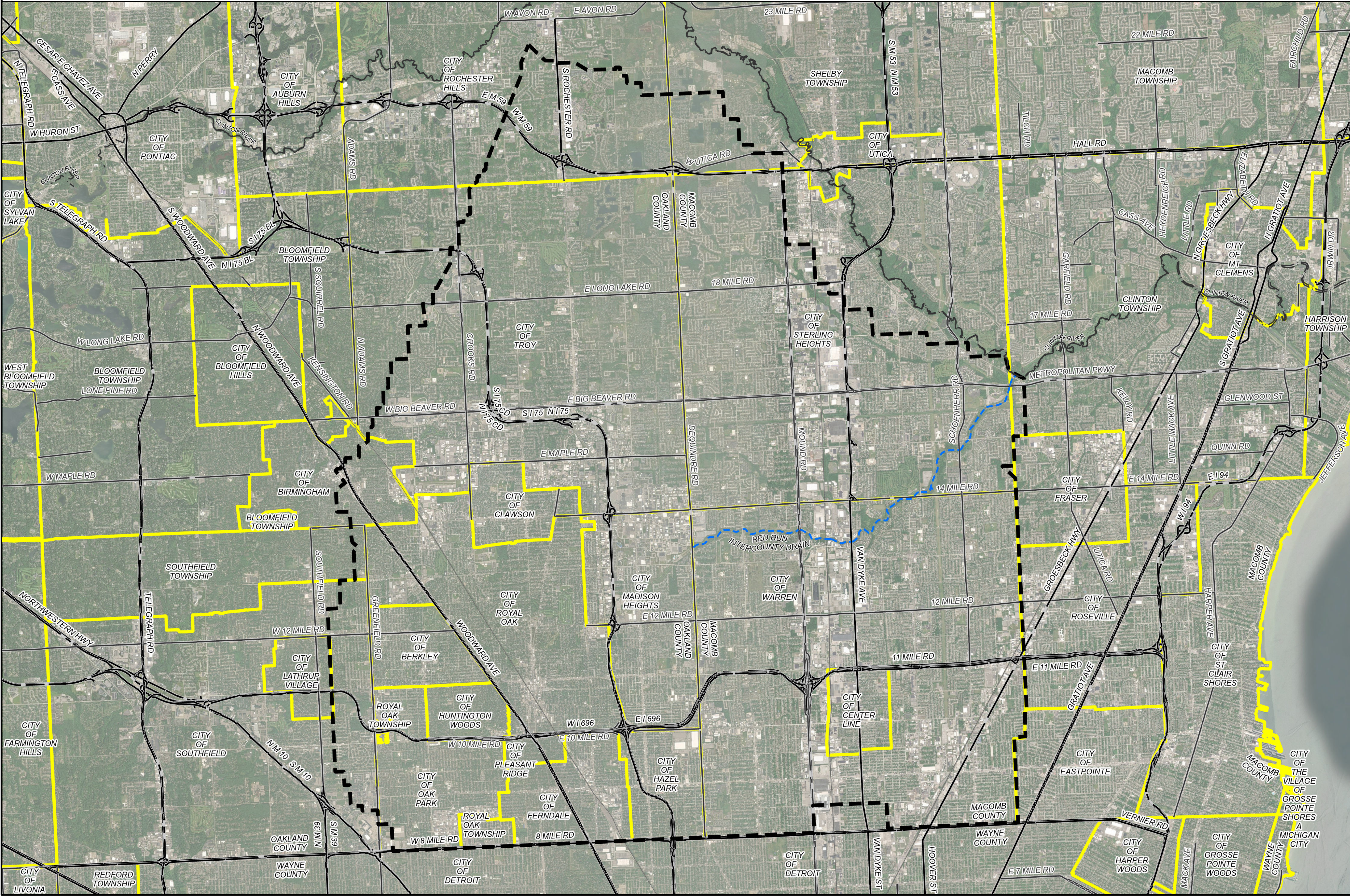
AREA MAP

NOT TO SCALE



LEGEND

- DRAINAGE DISTRICT BOUNDARY
- APPROXIMATE DRAIN LOCATION
- APPROXIMATE LOCATION OF OUTLET WATERCOURSE
- MUNICIPALITY BOUNDARIES
- STATE ROADS
- COUNTY ROADS
- RAILROAD



BY	MARK	REVISIONS	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREIN IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.			
RED RUN INTERCOUNTY DRAIN MACOMB AND OAKLAND COUNTIES, MICHIGAN			
DRAINAGE DISTRICT MAP			
		SAGINAW'S OFFICE 230 S Washington Ave Saginaw, MI 48607 tel: 989-754-4747 www.SpicerGroup.com	
DE. BY: LLG	CH. BY: LDO	PROJECT NO.	
DR. BY: LLG	APP. BY: NDC	140652SG2026	
STDS.	SHEET 1	OF 1	DR
DATE: AUGUST 2026	FILE NO.		1
SCALE: 1"=4,400'			

Agenda Item No. 9

Henry-Graham Roller Gate Rehabilitation Update



Red Run Drain Drainage District

TO: Joseph Brezvai, Chairperson of the Red Run Drain Drainage District

FROM: Evans Bantios, P.E., Oakland County Water Resources Commissioner's Office

SUBJECT: Henry Graham Roller Gate Repair Update

DATE: August 19, 2026

Staff conducted the physical evaluation of the existing gate and are awaiting a final report from the subconsultant on the proposed repair options. The report should be completed in the next two to three weeks. The evaluation of the upstream hydraulics analyses for gate operations has begun. This evaluation will take approximately 6 to 8 weeks.

RECOMMENDED ACTION: Receive and file.

Agenda Item No. 10

Trial Balance



Trial Balance

11:04 PM

08/13/2026

Page 1 of 1

Organization Oakland County
Periods FY2026 : Aug
Ledger Actuals
Accounting Worktag FND82902 Red Run Federal Drain Ch21
Book Operating
Company Currency USD
Translation Currency USD
Run 08/13/2026 11:04 PM

Consolidation Data

Ledger Account	Beginning Balance	Debit Amount	Credit Amount	Ending Balance
100100:Cash - Operating	604,320.63	2,104.29	2,986.83	603,438.09
101500:Undeposited Cash	0.00	0.00	0.00	0.00
104100:Accrued Interest on Investment	0.00	0.00	0.00	0.00
126100:Due from Municipalities	0.00	0.00	0.00	0.00
126105:Due from Municipalities-AR Con	0.00	0.00	0.00	0.00
132200:Due from Drain Component Units	0.00	0.00	0.00	0.00
201210:Vouchers Payable AP Cont	0.00	0.00	0.00	0.00
211100:Due to Primary Government	(9,528.25)	0.00	0.00	(9,528.25)
228100:Deposits Liability	(11,500.00)	0.00	0.00	(11,500.00)
230852:Accounts Payable	0.00	0.00	0.00	0.00
381350:FB Restricted Programs	(664,063.61)	0.00	0.00	(664,063.61)
630000:Charges for Services	(145,490.73)	0.00	0.00	(145,490.73)
655000:Investment Income	(20,248.85)	18.53	2,104.29	(22,334.61)
730000:Contractual Services	192,295.17	0.00	0.00	192,295.17
750000:Commodities	74.58	0.00	0.00	74.58
770000:Internal Support Expenditures	54,141.06	2,968.30	0.00	57,109.36
Total	0.00	5,091.12	5,091.12	0.00

Cash	\$603,438.09
Permit Held	(11,500.00)
DRF Reimbursement	(9,528.25)
Total Cash Available	\$582,409.84

Agenda Item No. 11

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
OCWRC Accounting

HP for Shawn Phelps

DATE: August 19, 2026

SUBJECT: Request for Approval of Invoices

Request for Board approval of payment of the following invoices:

Ref No.	Paid To	For	Amount
TBP	Applied Science Inc	Invoice # ASI Inv #9736 - Contracted Services - 4/26/26 - 06/27/26	\$ 14,805.50
TBP	Marine Pollution Control	Invoice #42215- Contracted Services - 06/12/26	6,079.76
JE059231	Lamphere's Landscaping Services	Invoice#19015 - Contracted Services	3,200.00
TBP	Macomb County Public Works	Invoice AR26000764 - Reimbursement Materials & Supplies	42.51
Total			\$ 24,127.77
TBP	Hubbell, Roth, & Clark Inc	Inv # 0239899 - Contracted Services - 06/30/26 - Proj# 1-7982	\$ 4,638.54
JE059231	Hubbell, Roth, & Clark Inc	Inv # 0238338 - Contracted Services -05/23/26 - Proj# 1-7982	6,328.25
Project # 1-7982 Subtotal			\$ 10,966.79
Grand Total			\$ 35,094.56

Agenda Item No. 12

Other Business

Agenda Item No. 13

Adjourn