

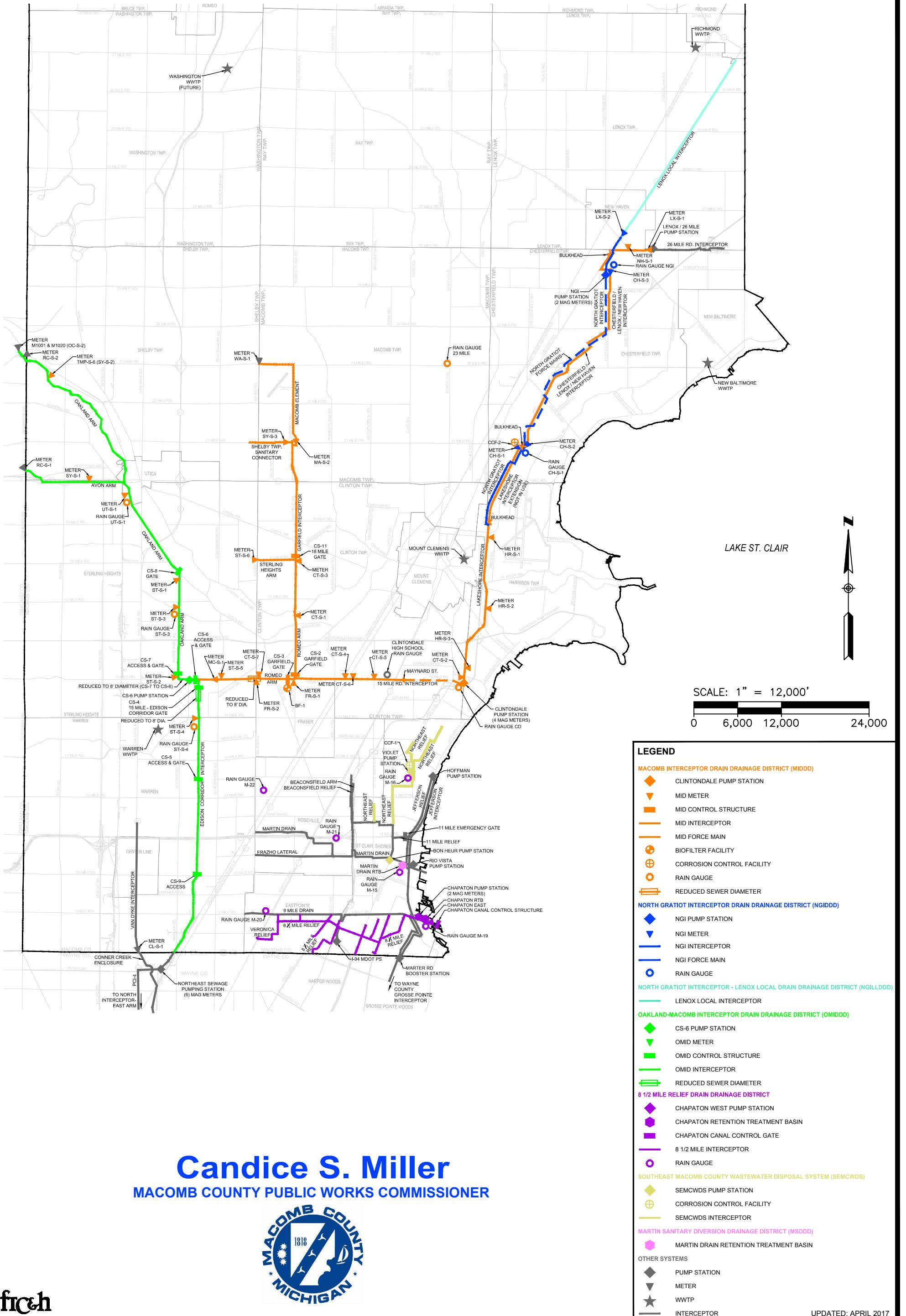
EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
APRIL 12, 2021
10:00 A.M.
AGENDA

NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE

Call in Number: 1-409-420-6499
Access Code: 208 258 729

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for April 12, 2021	
3. Approval of Minutes for March 8, 2021	3
4. Public Participation	
5. Project Updates – Vince Astorino	6
6. Receive & File - In System Storage Project Petition – St. Clair Shores	11
7. Army Corp of Engineers/Chapaton Green Infrastructure Project Agreement – Jeff Bednar	15
Motion: To approve the Army Corp Green Infrastructure Project Agreement and \$9000,000 grant with a required \$300,000 grant match and authorize the Board Chair to sign the agreement	
8. Insurance Policy Renewals – Bruce Manning/Stephen Saph	37
Motion: To approve the Chapter 20 General Liability Insurance coverage renewal with Argonaut Insurance Company in the amount of \$197,864 (8 ½ Mile share \$10,756.03)	
9. Resolution Regarding Electronic and Telephonic Meeting Procedures – Brian Baker	42
10. Consideration for approval of invoices (see attached)	47
11. Financial Report – Bruce Manning	132
12. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



Candice S. Miller
 MACOMB COUNTY PUBLIC WORKS COMMISSIONER



An adjourned meeting of the Intra-County Drainage Board for the **EIGHT AND ONE-HALF MILE RELIEF DRAIN** was held via telephone conference per the State Public Act 254 of 2020 due to the COVID-19 pandemic, on March 8, 2021, at 10:01 A.M.

PRESENT: Candice S. Miller, Chair
Location: Clinton Township, MI

Veronica Klinefelt, Member
Location: Eastpointe, MI

Bryan Santo, Member
Location: Mt. Clemens, MI

ALSO PRESENT: Don Brown, Harold Haugh, Don VanSyckel, Barbara Zinner, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Stephen Downing, Construction & Maintenance Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Vince Astorino, Operations & Flow Manager, Kellie Kource, Drain Account Specialist, Emily Engelmann, Administrative Assistant, Norb Franz, Communications Manager, Macomb County Public Works

The meeting was called to order by the Chair, Candice S. Miller. A motion was made by Ms. Klinefelt, supported by Mr. Santo to approve the agenda as presented.

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of February 8, 2021 were presented. A motion was made by Ms. Klinefelt, supported by Mr. Santo to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

The meeting was opened to public participation, then closed, there being no comments from the public.

Mr. Astorino updated the board that the Chapaton facility remodel is moving along quickly and showed photos to the Board. We will be offering a tour of the facility when complete. The Pump and Screen project is nearing completion and in the punch-list phase. The Disinfection Replacement project is progressing quickly. New pumps are in and the contractor is installing new piping within the retention basin.

Mr. Astorino showed the board a video of the In-System Storage project to reduce the CSO's at Chapaton that the group received an award from the State of Michigan for the surveying work.

Mr. Astorino discussed a possible 9 Mile Pump Station Project based on results of the recently completed Master Plan. We developed a true system wide plan and found some deficiencies in the system. Data was collected over a 6 month period and was analyzed and it was found that the Chapaton Pump Station cannot handle large rain events when the water level is high in the lake. Traditional pump stations are designed to have a spare pump that this pump station does not have which creates possible backups and basement flooding when we cannot use the bypass due to high lake levels. With major rain events becoming more frequent, the system may need to be updated. We

are reviewing a new 9 Mile Pump Station based on these facts so there is less opportunity for backups. The project is currently out to bid for design as a construction manager at risk project. We will bring a design engineer on board to get us to a certain point and then will reach out to bring a contractor on board. Brian Baker stated that we will be pushing to get Federal and State funds combined with low interest loans, and using some of the flushing system design money to cover initial design costs.

A motion was made by Ms. Klinefelt, supported by Mr. Santo to receive and file the project updates by Mr. Astorino.

Adopted: YEAS: 3
NAYS: 0

Mr. Astorino updated the board that the Chapaton Basin and 9 Mile Drain pipe is original and needs some repairs. In the inspection we found areas that need to be addressed to keep it running. We found some cracks, and leaks that need to be repaired. After going to bid we recommend Pullman SST as the lowest qualified bidder.

A motion was made by Mr. Klinefelt, supported by Mr. Santo to award the Chapaton RTB and 9 Mile Bypass Structural Repairs Construction proposal from Pullman SST, Inc. for an amount not to exceed \$736,950.

Adopted: YEAS: 3
NAYS: 0

Mr. Astorino updated the board that we recommend awarding the construction contract administration for this same project to Fishbeck and NTH.

A motion was made by Mr. Santo, supported by Ms. Klinefelt to award the Chapaton RTB and 9 Mile Bypass Structural Repairs Construction Contract Administration proposal from Fishbeck and NTH and authorize a Change Order to the As Needed Engineering contract for an amount not to exceed \$128,732.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$313,452.72 to the board for review and approval.

A motion was made by Ms. Klinefelt, supported by Mr. Santo to approve the invoices as presented.

Adopted: YEAS: 3
NAYS: 0

A motion to receive and file the financial report given by Mr. Manning was made by Ms. Klinefelt and supported by Mr. Santo.

Adopted: YEAS: 3
NAYS: 0

There being no further business, it was moved by Mr. Santo, supported by Ms. Klinefelt, that the meeting of the Eight and One-Half Mile Relief Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 11:09 a.m.



Candice S. Miller, Chair
Macomb County Public Works Commissioner

STATE OF MICHIGAN
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on March 8, 2021 the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



Candice S. Miller, Chair
Macomb County Public Works Commissioner

DATED: 3/8/21



Candice S. Miller

Public Works Commissioner
Macomb County

To: 8 ½ Mile Relief Drain Drainage District Board Members

CC: File

From: Vincent Astorino, Operations & Flow Manager

Date: April 12, 2021

Subject: Construction Projects Status Updates for April 2021 Board Meeting

The following provides a status update for construction work completed within the 8 ½ Mile Relief Drain Drainage District (8MRDDD) for the previous month.

Chapaton Pump & Screen Project

Contractor: J.F. Cavanaugh

Engineering Consultant: HRC

Project Description:

This project consists of the replacement of the influent bar screens, addition of a third intermediate pump, and replacement of the manhole covers located at level B3 within the Chapaton Pump Station. The bar screens have reached the end of their useful life and are critical to protecting the pumps to not allow large objects to enter the wet well. The third intermediate pump is being installed as a redundant measure for dewatering of the in-system storage increased stored flows. The manhole covers are being replaced with pressure rated sealed covers to allow staff to raise the operating level of the wet well by 6 feet. This will provide approximately 3 million gallons of additional storage and will provide additional pumping capacity for the stormwater pumps.

Significant project tasks that have occurred over the past month:

1. New manhole covers have been tested and had minor leaks. Contractor has submitted a plan to correct the issue and MCPWO has approved.
 - o This work has been completed and MCPWO will test during the next rain event.
 - This was tested on 3/26/21 and there are no leaks with the new manhole covers.
2. Punch list has been developed for close-out tasks and work has begun on that.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$1,162,522.00
Change Order #1	2/25/20	\$40,000.00
Change Order #2	2/26/20	(\$136,200.00)
Revised Contract Amount		\$1,066,272.00
Total Spent to Date	1/19/21	\$986,628.00
Remaining Budget		\$79,644.00

Chapaton & Martin Disinfection Replacement Project**Contractor:** Weiss Construction**Engineering Consultant:** Wade Trim**Project Description:**

This project consists of the complete replacement of the disinfection systems at Chapaton and Martin. Macomb County Public Works Office (MCPWO) staff identified that a critical capital improvement need for the Chapaton and Martin RTB's was the replacement of the disinfection systems. These are systems that were installed in approximately 1978 and have exceeded the end of their useful life. MCPWO staff has worked diligently to keep the existing disinfection pumps in service as they are prone to failure and require expensive, difficult to obtain parts. The project involves all disinfection chemical feed pumps, new electrical controls and VFDs, and new disinfection and sample piping within the Chapaton RTB.

Significant project tasks that have occurred over the past month:

1. Finished disinfection piping in East Building Blower Room
2. Hung new 1-1/2" disinfection piping and 2" sample piping within the Chapaton RTB
3. Completed diffuser piping at the four chlorine application points at Storm Water Pumps #1-#3 and the 9-Mile Drain (North & South boxes)
4. Cored floor in East Building Blower Room and installed piping stubs through floor to be tied to the SWAN TRC units.
5. Built electrical equipment racks, mounted VFD cabinets & flowmeter boxes, and ran conduits

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$995,925.00
Change Order #1	12/16/20	(\$16,337.83)
Revised Contract Amount		\$979,587.17
Total Spent to Date	Pay Apps #1-4	\$450,617.58
Remaining Budget		\$528,969.59



Figure 1 – Five new VFD cabinets to power Hose Pumps

Figure 2 – New 9-Mile Box Chlorine Diffuser – North box, just east of Tide Gates



Figure 3 – New 2" sample piping through floor into Blower Room

Chapaton Lab & Mezzanine Project

Contractor: Cross Construction

Engineering Consultant: Fishbeck

Project Description:

This project consists of relocating the Lab to the Chapaton East Building to allow for the complete overhaul of the Mezzanine level within the Chapaton Pump Station which includes new crew quarters, conference room, kitchen area, and SCADA control room. All areas were original to the facility dating back to 1968 and in need of improvements.

Significant project tasks that have occurred over the past month:

1. Completed East Building Lab to substantial completion. Installed epoxy countertops, and epoxy shelves, epoxy flooring, electrical, plumbing, and painting and passed final building inspection.
2. Completed demolition of existing masonry interior walls and installed new metal framing on Mezzanine level.
3. Installed much of the new electrical, plumbing, and HVAC needed to support Mezzanine level. Existing Lab remained in service throughout work until new lab in East Building was complete

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$667,777.00
Change Order #1	03/31/21	\$4,508.19
Revised Contract Amount		\$672,285.19
Total Spent to Date	Pay Apps #1-4	\$260,280.02
Remaining Budget		\$412,005.17



Figure 4 – New Lab cabinets, countertops, and flooring



Figure 5 – East Building Lab – substantially completed



Figure 6 – All existing walls demolished and removed – Future Kitchen Area



Figure 7 – New framing, electrical, plumbing, and HVAC – Future Kitchen Area

City of St. Clair Shores

Mayor
Kip C. Walby
Mayor Pro-Tem
Ronald J. Frederick
City Manager
Matthew W. Coppler

27600 Jefferson Avenue, St. Clair Shores, MI 48081-2075
Phone: (586) 447-3303 Fax: (586) 445-0469 www.scsmi.net



Council Members:
Peter A. Accica
John D. Caron
David J. Rubello
Candice B. Rusie
Chris M. Vitale

March 17, 2021

Brian Baker, Chief Deputy
Macomb County Public Works
21777 Dunham Road
Clinton Township, MI 48036

Dear Mr. Baker:

Enclosed you will find a copy of a Resolution authorizing the filing of a petition with the County Public Works Commissioner regarding the Eight and One Half (8 ½) Mile Drain that was adopted by the City of St. Clair Shores City Council at their meeting of March 15, 2021, as well as Exhibit A, a Petition for Maintenance and Improvement Pursuant to Chapter 20 of Act 40 of the Public Acts of 1958, as amended.

Also enclosed is a copy of a Resolution City Council passed at their March 2, 2020 meeting regarding the Project and a copy of the Notice of Intent to File a Petition regarding the 8 ½ Mile Drain from that same meeting. These two documents have been included to ensure that nothing holds up this project because a receipt that they were delivered last year was never received.

If you have any questions, please feel free to contact me at (586) 447-3306 or email marya@scsmi.net.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mary A. Kotowski', is written over a light blue circular stamp. The signature is fluid and cursive.

Mary A. Kotowski, MMC, MiPMC II
City Clerk

Enclosures

Certified Mail #70091410000114371324

City of St. Clair Shores

Mayor
Kip C. Walby
Mayor Pro-Tem
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Council Members:
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John D. Caron
David J. Rubello
Candice B. Rusie
Chris M. Vitale

R-2021-09a

RESOLUTION AUTHORIZING THE FILING OF A PETITION WITH THE COUNTY PUBLIC WORKS COMMISSIONER REGARDING THE EIGHT AND ONE HALF (8 ½) MILE DRAIN

March 16, 2021

Excerpt of the Minutes of a regular City Council Meeting of the St. Clair Shores City Council held on Tuesday, March 15, 2021 held in person and electronically in the City of St. Clair Shores, County of Macomb, State of Michigan with the following members present: Mayor Walby, Council Members Accica, Caron, Frederick, Rubello, Rusie, and Vitale.

The following preamble and resolution was offered by Council Member Caron, and supported by Council Member Accica:

WHEREAS, the City Council of the City of St. Clair Shores, County of Macomb, State of Michigan (the "City"), has determined that the requesting of maintenance and improvement, including without limitation, construction of in-system storage control structures (the "Project"), to the 8 ½ Mile Drain (the "Drain") are necessary for the public health, safety, and welfare of the City; and

WHEREAS, the City Council desires to file a petition with the Macomb County Public Works Commissioner pursuant to Chapter 20 of the Drain Code, Act 40, Public Acts of Michigan, 1956, as amended (the "Act 40"), to facilitate implementation of the Project; and

WHEREAS, the City Council has declared the lots and parcels of land more particularly described in Appendix A of the Petition, substantially in the form attached hereto as Exhibit A (the "Petition"), and made a part hereof, as the area to be serviced by the Project, and these parcels will be especially benefited by the Project and that a special assessment, fee, or charge may be levied by the City against benefited parcels pursuant to Chapter 20 of Act 40; and

WHEREAS, the City Council, after due and legal notice, held a public hearing to hear objections to the proposed Project and special assessments, fees, or charges to be levied, as required by Section 489a of Act 40.

NOW, THEREFORE, BE IT RESOLVED THAT:

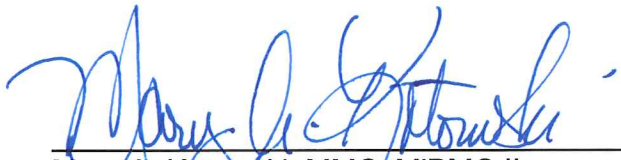
1. The City Clerk is hereby authorized and directed to execute and send the Petition to the Macomb County Public Works Commissioner by registered mail.

2. All resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution be and the same hereby are rescinded.

Ayes: All – 7

RESOLUTION DECLARED ADOPTED.

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of St. Clair Shores, County of Macomb, State of Michigan, at a regular meeting held on March 15, 2021, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.



Mary A. Kotowski, MMC, MiPMC II
City Clerk



City of St. Clair Shores

Mayor
Kip C. Walby
Mayor Pro-Tem
Ronald J. Frederick
City Manager
Matthew W. Coppler

27600 Jefferson Avenue, St. Clair Shores, MI 48081-2075
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Council Members:
Peter A. Accica
John D. Caron
David J. Rubello
Candice B. Rusie
Chris M. Vitale



EXHIBIT A

Form of Petition

PETITION FOR MAINTENANCE AND IMPROVEMENT PURSUANT TO CHAPTER 20 OF ACT 40 OF THE PUBLIC ACTS OF 1956, AS AMENDED

8 1/2 MILE DRAIN

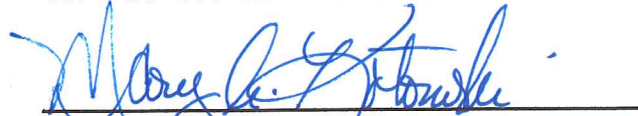
Pursuant to Chapter 20 of the Michigan Drain Code, Act 40, Public Acts of Michigan 1956, as amended ("Act 40"), the City Council of the City of St. Clair Shores (the "City") hereby petitions for an intracounty drain project consisting of maintenance and improvement, including without limitation, construction of in-system storage control structures (the "Project"), to the 8 ½ Mile Drain (the "Drain"), which is wholly located and established in the City.

In a Resolution of the City Council duly adopted at its meeting on March 2, 2020, the City Council determined that the Project is necessary for the public health, safety, and welfare of the residents of the City, and authorized and sent a Notice of Intent to File Petition with the Macomb County Public Works Commissioner. The City Council, after due and legal notice, held a public hearing to hear objections to the proposed Project and special assessments, fees, or charges to be levied by the City, as required by Section 489a of Act 40.

The Project will serve property located within the limits of the City. The City Council hereby consents to the Project and it is understood and agreed that the cost of the Project is to be assessed against the City. The City may levy a special assessment, charge or fee for all or a portion of the cost of the Project against benefitting properties under section 490 of Act 40 or levy a tax for all or a portion of the cost of the Project against all taxable property within the City pursuant to Chapter 20 of Act 40 including, but not limited to, Section 475.

This petition is authorized and sent pursuant to a Resolution of the City Council adopted at its meeting of March 16, 2021, a certified copy of which is attached hereto.

CITY OF ST. CLAIR SHORES



Mary A. Kotowski, MMC, MiPMC II
City Clerk

MACOMB COUNTY PUBLIC WORKS OFFICE



CANDICE S. MILLER

MACOMB COUNTY PUBLIC WORKS COMMISSIONER

Chapaton Treatment Basin Green Infrastructure Project

Presented on: April 12, 2021

Overview of Chapaton Basin

Candice S. Miller

Macomb County Public Works Commissioner



History:

- Built in 1968
- 28 Million Gallon Retention Basin
- Protects residents of Eastpointe and St. Clair Shores.



Overview of Chapaton Basin

Candice S. Miller

Macomb County Public Works Commissioner



Key Additions:

- Disinfection system added in 1978
- Original canal expansion in 2002
 - Aeration system
 - Lake gates
 - Boat launch modifications
 - 3 MG additional storage
- 2018 Chapaton Expansion Study



Chapaton Basin Green Infrastructure

Candice S. Miller

Macomb County Public Works Commissioner



Reduction of Stormwater Runoff to the Chapaton Basin.

- Reduction of imperviousness
- Intercept stormwater runoff from parking lot/basin deck
- Install bioswales and promote infiltration
- Discharge stormwater to lake and not into basin



Chapaton Basin Green Infrastructure

Candice S. Miller

Macomb County Public Works Commissioner



Reduction of Stormwater Runoff to the Chapaton Basin.

- 4-5% reduction in annual discharge volume
- Projected to cost \$1.46/gal
- Design will include evaluation of cost effectiveness
- Serve as an example for stormwater capture in combined area



Chapaton Basin Green Infrastructure

Candice S. Miller

Macomb County Public Works Commissioner



Partner Project with US Army Corps of Engineers

- 75/25 Cost Share
- Sec. 219 PPA Agreement
- Design and Construction
- \$1.2 million projected cost
- \$300,000 cost share



Chapaton Basin Green Infrastructure

Candice S. Miller

Macomb County Public Works Commissioner



Next Steps

- Enter into agreement with USACE
- Complete work plan and RFP
- USACE to manage project in consultation with MCPWO and Drain Board
- Plan reviews at 30/60/90/100 percent complete



Questions & Comments?

Candice S. Miller

Macomb County Public Works Commissioner



Chapaton Retention Treatment Basin Sewer Separation Project

SCOPE OF WORK (DRAFT)

Design and construction of combined sewer separation and incorporation of green infrastructure at the Chapaton Retention Treatment Basin to contribute to a reduction of treated combined sewer overflows, improve stormwater discharges into Lake St. Clair and serve as a demonstration site for local communities. These actions are identified as priorities in the Resilient Macomb Plan of 2015. The sponsor is 8 ½ Mile Relief Drain Drainage District Board.

SOW includes:

Design and construction of combined sewer separation and incorporation of green infrastructure such as bioswales, bioretention, reduced imperviousness, porous pavement design, and/or cisterns and rain gardens at the Chapaton Retention Treatment Basin located in St. Clair Shores, Michigan.

Design Services include:

- Evaluate existing infrastructure at the basin to reduce the impact of stormwater runoff
- Evaluate a parking lot retrofit
- Evaluate bioswales or infiltration strips
- Evaluate other methods to promote stormwater infiltration and reduce impact on the combined sewer system
- Coordinate with existing public and private entities regarding existing utilities in the project area
- Provide a site restoration plan that incorporates native species
- Provide Engineers Estimate of Construction Costs at 60/90/100 design phases
- Provide Design Document Report (DDR)
- Perform necessary geotechnical and structural testing as needed to complete the design and prepare bidding documents
- Prepare a preliminary construction schedule
- Participate in BCOES reviews – 30/60/90/100
- Evaluate Agency Technical Review (ATR) comments

Pre-Bid Services

- Prepare Ready to Advertise (RTA) Contract Documents
- Review and respond to Pre-Award Requests for Information (RFIs)
- Review bid-tabulations

EDC Services:

- Attendance and participation in initial Partnering and Preconstruction Meetings
- Perform layout and staking
- Attendance and participation in weekly Project Progress Meetings
- Attendance and participation in Onsite Inspection Meetings
- Review and respond to Contract Submittals
- Review and respond to Post-Award RFIs
- Review Contract Modification Documents
- Final walkthrough and Punch-list

- Record drawings in pdf and AutoCAD format
- Update Nexgen database to include all new asset information including specifications, submittals, record drawings, etc. This also includes the development of preventive maintenance tasks, inspection forms, and replacement costs. MCPWO will assist with this effort.

Items Included but not Related to Design:

- Michigan Department of Environment, Great Lakes, and Energy (EGLE) permit assistance on behalf of the Drainage District – hydraulic analysis, quantities, stamped plans/specs, Part 41, and any potential NPDES permit revisions
- Coordinate and meet with the local communities affected by the Project to answer any questions and secure approval where needed.
- Quality Control Plan
- Accident Prevention Plan

Schedule:

Goal is to complete design, NEPA and permit activities for a construction award in late 2021.
Construction complete in October 2022

Cost: Early estimate of \$1.2M

AGREEMENT
BETWEEN
THE DEPARTMENT OF THE ARMY
AND
8-1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
FOR
DESIGN AND CONSTRUCTION ASSISTANCE
FOR THE
CHAPATON TREATMENT BASIN PROJECT

THIS AGREEMENT is entered into this _____ day of _____, 2021, by and between the Department of the Army (hereinafter the “Government”), represented by the District Commander for Detroit District (hereinafter the “District Commander”) and the 8-1/2 Mile Relief Drain Drainage District (hereinafter the “Non-Federal Sponsor”), represented by its Chairperson.

WITNESSETH, THAT:

WHEREAS, the provision of design and construction assistance for the non-Federal project for the Chapaton Treatment Basin Project at the State of Michigan was authorized by Section 219(f)(157) of the Water Resources Development Act of 1992, Public Law 102-580, as amended;

WHEREAS, the Government will provide design and construction assistance by undertaking increment(s) of work, as defined in Article I.A. of this Agreement;

WHEREAS, Section 219(b) of the Water Resources Development Act of 1992, Public Law 102-580, as amended, specifies applicable cost-sharing requirements; and

WHEREAS, the Government and the Non-Federal Sponsor have the full authority and capability to perform in accordance with the terms of this Agreement and acknowledge that this Agreement shall be enforceable in the appropriate district court of the United States.

NOW, THEREFORE, the parties agree as follows:

ARTICLE I - DEFINITIONS

A. The term “increment of work” means design and construction of features, as generally described in a Letter Report, and approved by the District Commander, Detroit District. The initial increment of work consists of design and construction of combined sewer separation and incorporation of green infrastructure such as green rooftops, bioswales and porous pavement, as generally described in the Letter Report, approved by the District Commander, Detroit District, on June 4 , 2020. Each additional increment of work, if any, will be described in a separate Letter Report, which will specify the amount of Federal funds available for such work.

B. The term “construction costs” means all costs incurred by the Government and Non-Federal Sponsor in accordance with the terms of this Agreement that are directly related to design and construction of an increment of work and cost shared. The term includes, but is not necessarily limited to: the Government’s costs of engineering, design, including preparation of Letter Reports and conducting environmental compliance activities, and construction; the Government’s supervision and administration costs; the Non-Federal Sponsor’s creditable costs for providing real property interests, relocations, and in-kind contributions, if any; and the costs of historic preservation activities except for data recovery for historic properties, if any. The term does not include any costs for operation and maintenance; dispute resolution; participation by the Government and the Non-Federal Sponsor in the Coordination Team to discuss significant issues and actions; audits; betterments; or the Non-Federal Sponsor’s cost of negotiating this Agreement.

C. The term “real property interests” means lands, easements, and rights-of-way, including those required for relocations and borrow and dredged material placement areas. Acquisition of real property interests may require the performance of relocations.

D. The term “relocation” means the provision of a functionally equivalent facility to the owner of a utility, cemetery, highway, railroad, or public facility when such action is required in accordance with applicable legal principles of just compensation. Providing a functionally equivalent facility may include the alteration, lowering, raising, or replacement and attendant demolition of the affected facility or part thereof.

E. The term “in-kind contributions” means those services or materials provided after the date of approval of the Letter Report for the increment of work by the Non-Federal Sponsor that are identified as being integral to an increment of work, and approved in writing, by the Division Commander for Great Lakes and Ohio River Division (hereinafter the “Division Commander”). To be integral, the material or service must be part of work that the Government would otherwise need to undertake for the increment of work. The in-kind contributions also include any investigations performed by the Non-Federal Sponsor to identify the existence and extent of any hazardous substances that may exist in, on, or under real property interests required for an increment of work.

F. The term “betterments” means a difference in design or construction of an increment of work that results from the application of standards that the Government determines exceed those that the Government would otherwise apply to design or construction of that work.

G. The term “fiscal year” means one year beginning on October 1st and ending on September 30th of the following year.

ARTICLE II - OBLIGATIONS OF THE PARTIES

A. In accordance with Federal laws, regulations, and policies, the Government shall design and construct each increment of work using funds appropriated by the Congress and funds provided by the Non-Federal Sponsor. In carrying out its obligations under this Agreement, the

Non-Federal Sponsor shall comply with all requirements of applicable Federal laws and implementing regulations. The amount of Federal funds for each increment of work is limited to the amount identified in the Letter Report for that increment of work, with the Non-Federal Sponsor responsible for all costs in excess of that amount.

B. The Non-Federal Sponsor shall contribute for each increment of work at least 25 percent of construction costs, as follows:

1. In accordance with Article III, the Non-Federal Sponsor shall provide the real property interests and relocations required for construction and operation and maintenance of each increment of work.

2. In providing in-kind contributions, if any, the Non-Federal Sponsor shall obtain all applicable licenses and permits necessary for such work. The Non-Federal Sponsor shall begin operation and maintenance as functional portions of such work are completed. Upon completion of the work, the Non-Federal Sponsor shall so notify the Government within 30 calendar days and provide the Government with a copy of as-built drawings for the work.

3. After considering the estimated amount of credit that will be afforded to the Non-Federal Sponsor pursuant to paragraphs B.1. and B.2., above, the Government shall determine the estimated amount of funds required from the Non-Federal Sponsor to meet its minimum 25 percent cost share for the then-current fiscal year. No later than 60 calendar days after receipt of notification from the Government, the Non-Federal Sponsor shall provide the full amount of such required funds to the Government in accordance with Article VI.

4. No later than August 1st prior to each subsequent fiscal year, the Government shall provide the Non-Federal Sponsor with a written estimate of the full amount of funds required from the Non-Federal Sponsor during that fiscal year to meet its cost share. No later than September 1st prior to that fiscal year, the Non-Federal Sponsor shall provide the full amount of such required funds to the Government in accordance with Article VI.

5. If all Federal funds available for an increment of work will be exhausted prior to completion of such work, the Government shall notify the Non-Federal Sponsor of the full amount of funds required to complete the increment of work, and the Non-Federal Sponsor shall provide the full amount of such required funds to the Government in accordance with Article VI within 60 days of such notification or shall complete such work as in-kind contributions in accordance with paragraph B.2. above.

C. To the extent practicable and in accordance with Federal law, regulations, and policies, the Government shall afford the Non-Federal Sponsor the opportunity to review and comment on solicitations for contracts, including relevant plans and specifications, prior to the Government's issuance of such solicitations; proposed contract modifications, including change orders; and contract claims prior to resolution thereof. Ultimately, the contents of solicitations, award of contracts, execution of contract modifications, and resolution of contract claims shall be exclusively within the control of the Government.

D. The Government, as it determines necessary, shall undertake actions associated with historic preservation, including, but not limited to, the identification and treatment of historic properties as those properties are defined in the National Historic Preservation Act (NHPA) of 1966, as amended. All costs incurred by the Government for such work (including the mitigation of adverse effects other than data recovery) shall be included in construction costs and shared in accordance with the provisions of this Agreement. If historic properties are discovered during construction and the effect(s) of construction are determined to be adverse, strategies shall be developed to avoid, minimize, or mitigate these adverse effects. In accordance with 54 U.S.C. 312507, up to 1 percent of the total amount available for each increment of work may be applied toward data recovery of historic properties and such costs shall be borne entirely by the Government. In the event that costs associated with data recovery of historic properties exceed 1 percent of the total amount authorized to be appropriated for each increment of work, in accordance with 54 U.S.C. 312508, the Government will seek a waiver from the 1 percent limitation under 54 U.S.C. 312507 and upon receiving the waiver, will proceed with data recovery at full federal expense. Nothing in this Agreement shall limit or otherwise prevent the Non-Federal Sponsor from voluntarily contributing costs associated with data recovery that exceed 1 percent.

E. When the District Commander determines that construction of an increment of work is complete, within 30 calendar days of such determination, the District Commander shall so notify the Non-Federal Sponsor in writing. The Non-Federal Sponsor is responsible for operation and maintenance of such increment of work, at no cost to the Government.

F. The Non-Federal Sponsor shall not use Federal program funds to meet any of its obligations under this Agreement unless the Federal agency providing the funds verifies in writing that the funds are authorized to be used for the increment of work. Federal program funds are those funds provided by a Federal agency, plus any non-Federal contribution required as a matching share therefor.

G. In addition to the ongoing, regular discussions of the parties, the Government and the Non-Federal Sponsor may establish a Coordination Team to discuss significant issues or actions. Neither the Government's nor the Non-Federal Sponsor's costs for participation on the Coordination Team shall be included in construction costs for cost-sharing purposes.

H. The Non-Federal Sponsor may request in writing that the Government perform betterments on behalf of the Non-Federal Sponsor. Each request shall be subject to review and written approval by the Division Commander. If the Government agrees to such request, the Non-Federal Sponsor must provide funds sufficient to cover the costs of the betterments in advance of the Government performing the work. No later than 60 calendar days of receiving written notice from the Government of the costs of betterments, the Non-Federal Sponsor shall make the full amount of such required funds available to the Government by delivering a check payable to "FAO, USAED, DETROIT, H7" to the District Commander, or by providing an Electronic Funds Transfer of such funds in accordance with procedures established by the Government. If at any time the Government determines that additional funds are required to cover such costs, the Non-Federal Sponsor shall provide those funds within 30 calendar days from receipt of written notice from the Government.

ARTICLE III - REAL PROPERTY INTERESTS, RELOCATIONS, AND COMPLIANCE
WITH PUBLIC LAW 91-646, AS AMENDED

A. The Government, after consultation with the Non-Federal Sponsor, shall determine the real property interests needed for construction, operation, and maintenance of each increment of work. The Government shall provide the Non-Federal Sponsor with general written descriptions, including maps as appropriate, of the real property interests that the Government determines the Non-Federal Sponsor must provide for construction, operation, and maintenance of such work, and shall provide the Non-Federal Sponsor with a written notice to proceed with acquisition. The Non-Federal Sponsor shall acquire the real property interests and shall provide the Government with authorization for entry thereto in accordance with the Government's schedule for construction of such work. The Non-Federal Sponsor shall ensure that real property interests provided for such work are retained in public ownership.

B. The Government, after consultation with the Non-Federal Sponsor, shall determine the relocations necessary for construction, operation, and maintenance of each increment of work and shall provide the Non-Federal Sponsor with general written descriptions, including maps as appropriate, of such relocations and shall provide the Non-Federal Sponsor with a written notice to proceed with such relocations. The Non-Federal Sponsor shall perform or ensure the performance of these relocations in accordance with the Government's construction schedule for such work.

C. As required by Sections 210 and 305 of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, Public Law 91-646, as amended (42 U.S.C. 4630 and 4655), and Section 24.4 of the Uniform Regulations contained in 49 C.F.R. Part 24, the Non-Federal Sponsor assures that (1) fair and reasonable relocation payments and assistance shall be provided to or for displaced persons, as are required to be provided by a Federal agency under Sections 4622, 4623 and 4624 of Title 42 of the U.S. Code; (2) relocation assistance programs offering the services described in Section 4625 of Title 42 of the U.S. Code shall be provided to such displaced persons; (3) within a reasonable period of time prior to displacement, comparable replacement dwellings will be available to displaced persons in accordance with Section 4625(c)(3) of Title 42 of the U.S. Code; (4) in acquiring real property, the Non-Federal Sponsor will be guided, to the greatest extent practicable under State law, by the land acquisition policies in Section 4651 and the provision of Section 4652 of Title 42 of the U.S. Code; and (5) property owners will be paid or reimbursed for necessary expenses as specified in Sections 4653 and 4654 of Title 42 of the U.S. Code.

ARTICLE IV - HAZARDOUS SUBSTANCES

A. The Non-Federal Sponsor shall be responsible for undertaking any investigations to identify the existence and extent of any hazardous substances regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (hereinafter "CERCLA") (42 U.S.C. 9601-9675), that may exist in, on, or under real property interests required for construction, operation, and maintenance of each increment of work. However, for real property interests that the Government determines to be subject to the navigation servitude,

only the Government shall perform such investigations unless the District Commander provides the Non-Federal Sponsor with prior specific written direction, in which case the Non-Federal Sponsor shall perform such investigations in accordance with such written direction.

B. In the event it is discovered that hazardous substances regulated under CERCLA exist in, on, or under any of the required real property interests, within 15 calendar days of such discovery, the Non-Federal Sponsor and the Government, in addition to providing any other notice required by applicable law, shall provide written notice to each other, and the Non-Federal Sponsor shall not proceed with the acquisition of such real property interests until the parties agree that the Non-Federal Sponsor should proceed.

C. If hazardous substances regulated under CERCLA are found to exist in, on, or under any required real property interests, the parties shall consider any liability that might arise under CERCLA and determine whether to initiate construction, or if already initiated, whether to continue construction, suspend construction, or terminate construction.

1. Should the parties initiate or continue construction, the Non-Federal Sponsor shall be responsible, as between the Government and the Non-Federal Sponsor, for the costs of cleanup and response, including the costs of any studies and investigations necessary to determine an appropriate response to the contamination. Such costs shall be paid solely by the Non-Federal Sponsor without reimbursement or credit by the Government.

2. In the event the parties cannot reach agreement on how to proceed or the Non-Federal Sponsor fails to provide any funds necessary to pay for cleanup and response costs or to otherwise discharge the Non-Federal Sponsor's responsibilities under this Article upon direction by the Government, the Government may suspend or terminate construction, but may undertake any actions it determines necessary to avoid a release of such hazardous substances.

D. In the event of a discovery, the Non-Federal Sponsor and the Government shall initiate consultation with each other within 15 calendar days in an effort to ensure that responsible parties bear any necessary cleanup and response costs as defined in CERCLA. Any decision made pursuant to this Article shall not relieve any third party from any liability that may arise under CERCLA.

E. As between the Government and the Non-Federal Sponsor, the Non-Federal Sponsor shall be considered the operator of each increment of work for purposes of CERCLA liability. To the maximum extent practicable, the Non-Federal Sponsor shall operate and maintain each increment of work in a manner that will not cause liability to arise under CERCLA.

ARTICLE V - CREDIT FOR REAL PROPERTY INTERESTS, RELOCATIONS, AND CREDIT FOR IN-KIND CONTRIBUTIONS

A. The Government shall include in construction costs, and credit towards the Non-Federal Sponsor's share of such costs, the value of real property interests and relocations, and the costs of in-kind contributions provided by the Non-Federal Sponsor and determined by the

Government to be required for each increment of work, except that only the value of real property interests the Non-Federal Sponsor acquires from private owners and in-kind contributions the Non-Federal Sponsor provides after the date of approval of the Letter Report for the increment of work are eligible for credit. Any publicly owned real property interests or real property interests owned by the Non-Federal Sponsor on the date of approval of the Letter Report for the increment of work and required for that increment of work will be provided by the Non-Federal Sponsor at no cost to the Government and without credit or reimbursement.

B. To the maximum extent practicable, no later than 3 months after it provides the Government with authorization for entry onto a real property interest or pays compensation to the owner, whichever occurs later, the Non-Federal Sponsor shall provide the Government with documents sufficient to determine the amount of credit to be provided for the real property interest in accordance with paragraphs C.1. of this Article. To the maximum extent practicable, no less frequently than on a quarterly basis, the Non-Federal Sponsor shall provide the Government with documentation sufficient for the Government to determine the amount of credit to be provided for other creditable items in accordance with paragraph C. of this Article.

C. The Government and the Non-Federal Sponsor agree that the amount of costs eligible for credit that are allocated by the Government to construction costs shall be determined and credited in accordance with the following procedures, requirements, and conditions. Such costs shall be subject to audit in accordance with Article X.B. to determine reasonableness, allocability, and allowability of costs.

1. Real Property Interests.

a. General Procedure. Only the value of real property interests acquired from private owners after the date of approval of the Letter Report for an increment of work are eligible for credit. The Non-Federal Sponsor shall obtain, for each creditable real property interest, an appraisal of the fair market value of such interest that is prepared by a qualified appraiser who is acceptable to the parties. Subject to valid jurisdictional exceptions, the appraisal shall conform to the Uniform Standards of Professional Appraisal Practice. The appraisal must be prepared in accordance with the applicable rules of just compensation, as specified by the Government.

(1) Date of Valuation. The fair market value of real property interests acquired from private owners by the Non-Federal Sponsor after the date of approval of the Letter Report for an increment of work shall be the fair market value of such real property interests at the time the interests are acquired.

(2) Except for real property interests acquired through eminent domain proceedings instituted after the date of approval of the Letter Report for an increment of work, the Non-Federal Sponsor shall submit an appraisal for each real property interest to the Government for review and approval no later than, to the maximum extent practicable, 60 calendar days after the Non-Federal Sponsor provides the Government with an authorization for entry for such interest or concludes the acquisition of the interest, whichever occurs later. If, after coordination and consultation with the Government, the Non-Federal Sponsor is unable to

provide an appraisal that is acceptable to the Government, the Government shall obtain an appraisal to determine the fair market value of the real property interest for crediting purposes.

(3) The Government shall credit the Non-Federal Sponsor the appraised amount approved by the Government. Where the amount paid or proposed to be paid by the Non-Federal Sponsor exceeds the approved appraised amount, the Government, at the request of the Non-Federal Sponsor, shall consider all factors relevant to determining fair market value and, in its sole discretion, after consultation with the Non-Federal Sponsor, may approve in writing an amount greater than the appraised amount for crediting purposes.

b. Eminent Domain Procedure. For real property interests acquired by eminent domain proceedings instituted after the date of approval of the Letter Report for an increment of work, the Non-Federal Sponsor shall notify the Government in writing of its intent to institute such proceedings and submit the appraisals of the specific real property interests to be acquired for review and approval by the Government. If the Government provides written approval of the appraisals, the Non-Federal Sponsor shall use the amount set forth in such appraisals as the estimate of just compensation for the purpose of instituting the eminent domain proceeding. If the Government provides written disapproval of the appraisals, the Government and the Non-Federal Sponsor shall consult to promptly resolve the issues that are identified in the Government's written disapproval. In the event the issues cannot be resolved, the Non-Federal Sponsor may use the amount set forth in its appraisal as the estimate of just compensation for purpose of instituting the eminent domain proceeding. The fair market value for crediting purposes shall be either the amount of the court award for the real property interests taken or the amount of any stipulated settlement or portion thereof that the Government approves in writing.

c. Waiver of Appraisal. Except as required by paragraph C.1.b. of this Article, the Government may waive the requirement for an appraisal pursuant to this paragraph if, in accordance with 49 C.F.R. Section 24.102(c)(2):

(1) the owner is donating the real property interest to the Non-Federal Sponsor and releases the Non-Federal Sponsor in writing from its obligation to appraise the real property interest, and the Non-Federal Sponsor submits to the Government a copy of the owner's written release; or

(2) the Non-Federal Sponsor determines that an appraisal is unnecessary because the valuation problem is uncomplicated and the anticipated value of the real property interest proposed for acquisition is estimated at \$25,000 or less, based on a review of available data. When the Non-Federal Sponsor determines that an appraisal is unnecessary, the Non-Federal Sponsor shall prepare the written waiver valuation required by 49 C.F.R. Section 24.102(c)(2) and submit a copy thereof to the Government for approval. When the anticipated value of the real property interest exceeds \$10,000, the Non-Federal Sponsor must offer the owner the option of having the Non-Federal Sponsor appraise the real property interest.

d. Incidental Costs. The Government shall include in construction costs and credit towards the Non-Federal Sponsor's share of such costs, the incidental costs,

documented to the satisfaction of the Government, that the Non-Federal Sponsor incurred in acquiring any real property interests from private owners required pursuant to Article III for an increment of work after the date of approval of the Letter Report for such work. Such incidental costs shall include closing and title costs, appraisal costs, survey costs, attorney's fees, plat maps, mapping costs, actual amounts expended for payment of any relocation assistance benefits provided in accordance with Article III.C., and other payments by the Non-Federal Sponsor for items that are generally recognized as compensable, and required to be paid, by applicable state law due to the acquisition of a real property interest pursuant to Article III.

2. Relocations. The Government shall include in construction costs and credit towards the Non-Federal Sponsor's share of such costs, the value of any relocations performed by the Non-Federal Sponsor that are directly related to construction, operation, and maintenance of an increment of work. Only relocations performed after approval of the Letter Report for an increment of work are eligible for credit.

a. For a relocation other than a highway, the value shall be only that portion of relocation costs that the Government determines is necessary to provide a functionally equivalent facility, reduced by depreciation, as applicable, and by the salvage value of any removed items.

b. For a relocation of a highway, which is any highway, roadway, or street, including any bridge thereof, that is owned by a public entity, the value shall be only that portion of relocation costs that would be necessary to accomplish the relocation in accordance with the design standard that the State of Michigan would apply under similar conditions of geography and traffic load, reduced by the salvage value of any removed items.

c. Relocation costs include actual costs of performing the relocation; planning, engineering, and design costs; supervision and administration costs; and documented incidental costs associated with performance of the relocation, as determined by the Government. Relocation costs do not include any additional cost of using new material when suitable used material is available.

3. In-Kind Contributions. The Government shall include in construction costs for an increment of work and credit towards the Non-Federal Sponsor's share of such costs, the value of in-kind contributions that are integral to that work.

a. The value shall be equivalent to the costs, documented to the satisfaction of the Government, that the Non-Federal Sponsor incurred to provide the in-kind contributions. Such costs shall include, but not necessarily be limited to, actual costs of constructing the in-kind contributions; engineering and design costs; supervision and administration costs; and documented incidental costs associated with providing the in-kind contributions. Appropriate documentation includes invoices and certification of specific payments to contractors, suppliers, and the Non-Federal Sponsor's employees.

b. No credit shall be afforded for interest charges, or any adjustment to reflect changes in price levels between the time the in-kind contributions are completed and

credit is afforded; for any in-kind contributions performed prior to the date of approval of the Letter Report for an increment of work; for the value of in-kind contributions obtained at no cost to the Non-Federal Sponsor; or for costs that exceed the Government's estimate of the cost for such in-kind contributions if they had been provided by the Government.

c. Although design performed by the Non-Federal Sponsor prior to approval of the Letter Report for an increment of work is not creditable as in-kind contributions under this Agreement, the Non-Federal Sponsor, at no cost to the Government, may voluntarily provide such design to the Government. The Government, in its sole discretion, may accept, modify, or reject such design, or any portion thereof, for use in constructing that increment of work. Prior to commencement of review by the Government of such design, the Non-Federal Sponsor shall provide a written certification and warranty to the Government that such design is free from any legal encumbrances and use restrictions, including but not limited to, any intellectual property rights and outstanding licensing requirements.

4. Compliance with Federal Labor Laws. Any credit afforded under the terms of this Agreement is subject to satisfactory compliance with applicable Federal labor laws covering non-Federal construction, including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701-3708 (labor standards originally enacted as the Davis-Bacon Act, the Contract Work Hours and Safety Standards Act, and the Copeland Anti-Kickback Act), and credit may be withheld, in whole or in part, as a result of the Non-Federal Sponsor's failure to comply with its obligations under these laws.

D. Notwithstanding any other provision of this Agreement, the Non-Federal Sponsor shall not be entitled to credit for the value of real property interests, relocations, and in-kind contributions that exceeds 25 percent of construction costs for each increment of work or real property interests that were previously provided as an item of local cooperation for a Federal project.

ARTICLE VI – PAYMENT OF FUNDS

A. As of the effective date of this Agreement, construction costs for the initial increment of work are projected to be \$1,200,000, with the amount of Federal funds available for such work limited to \$900,000. The Non-Federal Sponsor's share of construction costs for the initial increment of work is projected to be \$300,000, which includes creditable real property interests and relocations projected to be \$0, creditable in-kind contributions projected to be \$0, and the amount of funds required to meet its minimum 25 percent cost share projected to be \$300,000. The Letter Report for each additional increment of work will include information on the Federal funds available for the increment of work and the Non-Federal Sponsor's share of construction costs for such work. These amounts are estimates only that are subject to adjustment by the Government and are not to be construed as the total financial responsibilities of the Non-Federal Sponsor.

B. For each increment of work, the Government shall provide the Non-Federal Sponsor with monthly reports setting forth the estimated construction costs and the Government's and

Non-Federal Sponsor's estimated shares of such costs; costs incurred by the Government, using both Federal and Non-Federal Sponsor funds, to date; the amount of funds provided by the Non-Federal Sponsor to date; the estimated amount of any creditable real property interests and relocations; the estimated amount of any creditable in-kind contributions; and the estimated amount of funds required from the Non-Federal Sponsor during the upcoming fiscal year.

C. The Non-Federal Sponsor shall provide the funds required to meet its share of construction costs by delivering a check payable to "FAO, USAED, DETROIT, H7" to the District Commander, or verifying to the satisfaction of the Government that the Non-Federal Sponsor has deposited such required funds in an escrow or other account acceptable to the Government, with interest accruing to the Non-Federal Sponsor, or by providing an Electronic Funds Transfer of such required funds in accordance with procedures established by the Government.

D. The Government shall draw from the funds provided by the Non-Federal Sponsor to cover the non-Federal share of construction costs as those costs are incurred. If the Government determines at any time that additional funds are needed from the Non-Federal Sponsor to cover the Non-Federal Sponsor's required share of such construction costs, the Government shall provide the Non-Federal Sponsor with written notice of the amount of additional funds required. Within 60 calendar days from receipt of such notice, the Non-Federal Sponsor shall provide the Government with the full amount of such additional required funds.

E. Upon completion of each increment of work, including resolution of all relevant claims and appeals and eminent domain proceedings, the Government shall conduct a final accounting and furnish the Non-Federal Sponsor with the written results of such final accounting. Should such final accounting determine that additional funds are required from the Non-Federal Sponsor, the Non-Federal Sponsor, within 60 calendar days of receipt of written notice from the Government, shall provide the Government with the full amount of such additional required funds. Such final accounting does not limit the Non-Federal Sponsor's responsibility to pay its share of construction costs, including contract claims or any other liability that may become known after the final accounting.

ARTICLE VII - TERMINATION OR SUSPENSION

A. If at any time the Non-Federal Sponsor fails to fulfill its obligations under this Agreement, the Government may suspend or terminate design or construction.

B. If hazardous substances regulated under CERCLA are found to exist in, on, or under any required real property interests, the parties shall follow the procedures set forth in Article IV.

C. In the event of termination, the parties shall conclude their activities relating to design and construction and conduct a final accounting in accordance with Article VI.E. To provide for this eventuality, the Government may reserve a percentage of available funds as a contingency to pay the costs of termination, including any costs of resolution of real property acquisition, resolution of contract claims, and resolution of contract modifications.

D. Any suspension or termination shall not relieve the parties of liability for any obligation incurred. Any delinquent payment owed by the Non-Federal Sponsor pursuant to this Agreement shall be charged interest at a rate, to be determined by the Secretary of the Treasury, equal to 150 per centum of the average bond equivalent rate of the 13 week Treasury bills auctioned immediately prior to the date on which such payment became delinquent, or auctioned immediately prior to the beginning of each additional 3 month period if the period of delinquency exceeds 3 months.

ARTICLE VIII - HOLD AND SAVE

The Non-Federal Sponsor shall hold and save the Government free from all damages arising from design, construction, or operation and maintenance of any work under this Agreement, except for damages due to the fault or negligence of the Government or its contractors.

ARTICLE IX - DISPUTE RESOLUTION

As a condition precedent to a party bringing any suit for breach of this Agreement, that party must first notify the other party in writing of the nature of the purported breach and seek in good faith to resolve the dispute through negotiation. If the parties cannot resolve the dispute through negotiation, they may agree to a mutually acceptable method of non-binding alternative dispute resolution with a qualified third party acceptable to the parties. Each party shall pay an equal share of any costs for the services provided by such a third party as such costs are incurred. The existence of a dispute shall not excuse the parties from performance pursuant to this Agreement.

ARTICLE X - MAINTENANCE OF RECORDS AND AUDITS

A. The parties shall develop procedures for the maintenance by the Non-Federal Sponsor of books, records, documents, or other evidence pertaining to costs and expenses for a minimum of three years after the final accounting. The Non-Federal Sponsor shall assure that such materials are reasonably available for examination, audit, or reproduction by the Government.

B. The Government may conduct, or arrange for the conduct of, audits. Government audits shall be conducted in accordance with applicable Government cost principles and regulations. The Government's costs of audits shall not be included in construction costs.

C. To the extent permitted under applicable Federal laws and regulations, the Government shall allow the Non-Federal Sponsor to inspect books, records, documents, or other evidence pertaining to costs and expenses maintained by the Government, or at the request of the Non-Federal Sponsor, provide to the Non-Federal Sponsor or independent auditors any such information necessary to enable an audit of the Non-Federal Sponsor's activities under this

Agreement. The costs of non-Federal audits shall be paid solely by the Non-Federal Sponsor without reimbursement or credit by the Government.

ARTICLE XI - RELATIONSHIP OF PARTIES

In the exercise of their respective rights and obligations under this Agreement, the Government and the Non-Federal Sponsor each act in an independent capacity, and neither is to be considered the officer, agent, or employee of the other. Neither party shall provide, without the consent of the other party, any contractor with a release that waives or purports to waive any rights a party may have to seek relief or redress against that contractor.

ARTICLE XII - NOTICES

A. Any notice, request, demand, or other communication required or permitted to be given under this Agreement shall be deemed to have been duly given if in writing and delivered personally or mailed by registered or certified mail, with return receipt, as follows:

If to the Non-Federal Sponsor:

Chairperson
8-1/2 Mile Relief Drain Drainage District
21777 Dunham Road
Clinton Township, Michigan 48036

If to the Government:

District Commander
Detroit District
477 Michigan Ave.
Detroit, MI 48226

B. A party may change the recipient or address to which such communications are to be directed by giving written notice to the other party in the manner provided in this Article.

ARTICLE XIII - CONFIDENTIALITY

To the extent permitted by the laws governing each party, the parties agree to maintain the confidentiality of exchanged information when requested to do so by the providing party.

ARTICLE XIV - THIRD PARTY RIGHTS, BENEFITS, OR LIABILITIES

Nothing in this Agreement is intended, nor may be construed, to create any rights, confer any benefits, or relieve any liability, of any kind whatsoever in any third person not a party to this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, which shall become effective upon the date it is signed by the District Commander.

DEPARTMENT OF THE ARMY

8-1/2 MILE RELIEF DRAIN DRAINAGE
DISTRICT

BY: _____
Scott M. Katalenich
Lieutenant Colonel, U.S. Army
District Commander

BY: _____
Candice S. Miller
8-1/2 Mile Relief Drain Drainage District
Chairperson

DATE: _____

DATE: _____

CERTIFICATE OF AUTHORITY

I, Joseph Viviano, do hereby certify that I am the principal legal officer for the 8-1/2 Mile Relief Drain Drainage District, that the 8-1/2 Mile Relief Drain Drainage District is a legally constituted public body with full authority and legal capability to perform the terms of the Agreement between the Department of the Army and the 8-1/2 Mile Relief Drain Drainage District in connection with the Chapaton Treatment Basin Project, and to pay damages, if necessary, in the event of the failure to perform in accordance with the terms of this Agreement, and that the person who executed this Agreement on behalf of the 8-1/2 Mile Relief Drain Drainage District acted within his statutory authority.

IN WITNESS WHEREOF, I have made and executed this certification this _____ day of _____ 2021.

Joseph Viviano
Legal Counsel for the 8 1/2 Mile Relief Drain Drainage District

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Candice S. Miller
Chairperson
8-1/2 Mile Relief Drain Drainage District

DATE: _____



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

April 5, 2021

Mr. Brian Baker
Macomb County Intra-County Drains &
Drainage Districts
21777 Dunham Road
Clinton Twp., MI 48036

Dear Mr. Baker:

Please accept the following renewal proposal of certain liability coverages are have been secured for the Intra-County drains and drainage districts.

Carrier: Argonaut Insurance Company
A. M. Best Rating: A- XIV, Stable. Admitted by the State of Michigan.

General Liability

Aggregate Limit: \$2,000,000
Occurrence Limit: \$1,000,000
Personal and Advertising Injury: \$1,000,000
Products/Completed Operations Aggregate: \$2,000,000
Deductible per Occurrence: \$100,000

Policy terms include Blanket Additional Insured. Broadcasting, Publishing, and Telecasting offenses are covered under Personal Injury. The Pollution exclusion does not apply to: Hostile Fire, Emergency Operations, Mobile Equipment, Pesticides and/or Herbicides, Water Treatment, Above Ground Tanks, and Water and/or Sewer operations.

Automobile Liability

Occurrence Limit: \$1,000,000
Deductible: \$100,000

Coverage is afforded for non-owned and rented autos only. No aggregate limitation applies.

Public Officials' Liability

Aggregate Limit: \$2,000,000
Per Wrongful Act Limit: \$1,000,000
Deductible each Wrongful Act: \$100,000

Claims Made Policy Form
Prior Acts/Retroactive Date: April 26, 2021

Excess Liability

Each Occurrence or Wrongful Act:	\$10,000,000
Annual Aggregate:	\$10,000,000
Annual Premium:	\$192,691
Optional Terrorism Risk Insurance:	\$5,173
Total Annual Premium:	\$197,864

The expiring annual premium was \$194,471. The renewal offering has increased \$3,393 or 1.74%. Last year, Terrorism Risk Insurance was included (optional coverage). Premium is not subject to annual audit.

Afforded liability limits are separate from each other. Payment of claims for one line of coverage will not affect or reduce the limits dedicated to the remaining lines of coverage. Please refer to policy forms for terms, definitions, conditions, and exclusions.

The deductibles apply to both the payment of claim adjustment expenses and third-party damage payments. Once the deductible is exhausted, the specific limit is dedicated to the payment of third party damages alone; claim expenses are outside of the afforded limits. Argonaut requires the continued third-party administrator (TPA) relationship with the ASU Group or other approved TPA.

Argonaut has include their proprietary Water Plus 360 endorsed which adds the following coverage enhancements: Under General Liability: Pollution exceptions for water operations; removal of Inverse Condemnation exclusion; Insured contract definition adds sidetrack agreements; watercraft extended for non-owned to under 100 feet and owned up to 300 h.p; and dams are scheduled by endorsement. Under Public Officials': Removal of Inverse Condemnation exclusion and coverage added for Wrongful Acts related to the distribution, treatment, discharge, testing, monitoring, or extraction of water or wastewater.

In anticipation of the renewal this year, we approached the marketplace in an effort to obtain alternatives for the renewal. Enclosed, please find a summary of our efforts.

While we are recommending Argonaut as the renewal carrier for the upcoming year, Argonaut has made some changes to their offering: 1) In lieu of the single policy format affording the total \$11,000,000 limits of liability, Argonaut is now presenting a traditional underlying and excess policy format. No impact on the afforded coverages: same carriers (underlying and excess), same claims and underwriting staff, and same occurrence limit of liability - \$11,000,000. 2) In lieu of a \$250,000 retention applicable to covered claims, covered claims will now be subject to a \$100,000 deductible. 3) The Public Officials' liability coverage is now offered on a Claims Made policy form in lieu of an Occurrence form. A retroactive date of April 26, 2021 will apply to covered claims. 4) The excess liability policy will not afford excess automobile liability coverage; the proposed policy affords \$1,000,000 Hired & Non-owned Automobile Liability. The coverage is afforded by way of a Combined (Bodily Injury and Property Damage) Single Limit formant (as before). The afforded limit is provided per Occurrence with no aggregate restrictions (again, same as before). 5) The combined aggregate limit of

liability for covered General Liability and Public Officials' Liability claims is now \$11,000,000 in lieu of \$12,000,000.

In addition to securing the afforded liability coverages, we continue to monitor additions or improvements to the districts' physical assets. We have been advised that no measurable changes occurred over the past year. You will recall that all property insurance is secure under Macomb County's property insurance policy.

Please review this information and contact me with any questions or concerns. I plan to attend the meeting on Monday, April 12, 2021. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen R. Saph Jr.", written in a cursive style.

Stephen R. Saph Jr., LIC
Agent

Enclosure

2021 Marketing Efforts

Argonaut – presented a renewal proposal.
Chubb/ACE – declined
BRIT – declined
A.I.G. (American International Group) – declined
Glatfelter Public Practice (broker) – declined
Travelers Companies – declined
Intact (formerly One Beacon) – declined
Genesis – declined
Munich (AAIC) – declined
Berkley Insurance Co. – declined
Old Republic International – declined
Hudson Insurance – cannot provide requested limits of liability.
Liberty Mutual –
Houston Casualty Co. –
Allied Public Risk (broker) - declined
Markel - declined
Genesis - declined
Hallmark - declined

Stephen R. Saph, Jr.
Nickel & Saph, Inc. Insurance Agency
stephenjr@nickelsaph.com
586-463-4573
586-463-3135 – FAX
586-747-9315 – Cell
April 5, 2021

Chapter 20
Insurance Cost Breakdown
April 26, 2021 Renewal

DRAIN NAME	2021 PERCENT	PORTION OF INSURANCE
Eight Half Mile Relief	5.436%	\$ 10,756.03
Martin Sanitary Diversion	0.662%	\$ 1,310.75
MIDDD	93.901%	\$ 185,797.22

Insurance bill	\$ 197,864.00
----------------	----------------------

*** After an analysis of the 2020 expenses, other drain's portions were minimal and insignificant

MIDDD Costs	
Liability	\$ 185,797.22
Third-Party Administrator	\$ 1,500.00
Underground Infrastructure	<u>\$ 17,800.00</u>
MIDDD Total Cost	\$ 205,097.22

EIGHT AND ONE-HALF MILE RELIEF DRAIN BOARD

ELECTRONIC AND TELEPHONIC MEETING PROCEDURES

Rules and procedures adopted by the Eight and One-Half Mile Relief Drain Board (“Drainage Board”) to protect health, safety, and welfare by establishing meeting procedures for the Drainage Board in compliance with the Michigan Open Meetings Act, Act 267 of 1976, *et seq* (“OMA”).

THE DRAINAGE BOARD DECLARES AS FOLLOWS:

Section I. Title. These rules and procedures may be cited as the Eight and One-Half Mile Relief Drain Board Electronic and Telephonic Open Meetings Act Procedures (“Procedures”).

Section II. Purpose. It is the policy of the Drainage Board to establish these Procedures in compliance with Sections 3 and 3a of the OMA, for fully-electronic or telephonic meetings of the Drainage Board or in which there exists the absence of a member or members of the Drainage Board, and which may minimize the possibility of disruptions during such electronic or telephonic meetings.

Section III. Electronic and Telephonic Meetings Authorization

A. Authorization to hold remote electronic and telephonic meetings. Sections 3 and 3a of the OMA provide that a physical place is not required for meetings held, in whole or in part, electronically by telephonic or video conferencing, in the following circumstances:

- A. Before March 31, 2021, under any circumstance;
- B. On or after March 31, 2021 through December 31, 2021, only in circumstances in which there is an absence of a member(s) of the public body due to:
 - a. Military duty;
 - b. A medical condition; or
 - c. A statewide or local state of emergency or state of disaster declared pursuant to law or charter by the Governor or a local official or local governing body that would risk the personal health or safety of members of the public or the public body if the meeting was held in person.
 - i. For the purpose of permitting an electronic meeting due to a local state of emergency or state of disaster, only to permit the electronic attendance of a member of the public body who resides in the affected area or to permit the electronic meeting of a public body that usually holds its meetings in the affected area.
- C. After December 31, 2021, only in circumstances requiring accommodation of members absent due to military duty.

B. Physical Presence. At a meeting that accommodates members absent due to military duty or a medical condition, only those members absent due to military duty or a medical condition may participate electronically. Any other member must be physically present at the meeting.

C. Notice of Needed Accommodation. Members of the Drainage Board that must meet electronically, on account of the member's military duty or medical condition, shall file a Notice of Needed Accommodation with the Macomb County Public Works ("MCPW") Commissioner or commissioner-designated deputy that serves as chairperson of the Drainage Board ("Commissioner"). Copies of the Notice of Needed Accommodation will be available through the Commissioner's office and shall be submitted seventy-two (72) hours in advance of the first meeting the member will participate in electronically on account of their medical condition or military duty. Once filed, the Notice of Needed Accommodation will remain in effect until it is withdrawn by the member or until the Drainage Board can no longer accommodate the member's electronic participation under the OMA. It is a member's sole responsibility to withdraw a Notice of Needed Accommodation if they cease to have a medical condition or no longer have military duty obligations that enable their electronic participation. A Notice of Needed Accommodation filed with the Commissioner only applies to this Drainage Board. A separate Notice of Needed Accommodation must be filed for any other public body overseen by the Commissioner for which electronic attendance is sought.

D. Attendance at Meetings Held Electronically In-Part. Members of the Drainage Board or members of the public participating electronically in a meeting held pursuant to these Procedures that occurs in a physical space in-part are to be considered present and in attendance at the meeting for all purposes.

E. Meetings Held Fully Electronically. When a statewide or local state of emergency has been declared within the jurisdiction of the Drainage Board, meetings of the Drainage Board shall, except as otherwise provided in this section, be held fully electronically for both the members of the Drainage Board and the public. When a meeting of the Drainage Board is scheduled pursuant to the Drain Code, the Commissioner shall ensure that the meeting is conducted as an electronic meeting when a statewide or local emergency is in place. In the event that a fully electronic meeting is scheduled due to a statewide or local state of emergency and the state of emergency is rescinded prior to the date of the meeting, the Commissioner shall take such action as necessary to reschedule the meeting in compliance with the OMA.

Notwithstanding the provisions of this section, the Drainage Board may decide, if legally permissible and agreed to by the Commissioner, to conduct in-person meetings during a statewide or local state of emergency when deemed appropriate by the Drainage Board.

F. Participation Requirement. A meeting of the Drainage Board held electronically must be conducted in a manner that permits two-way communication so that members of the Drainage Board can hear and be heard by other members of the Drainage Board, and so that public participants can hear members of the Drainage Board and can be heard by members of the Drainage Board and other participants during a public comment period. The Drainage Board may use technology to facilitate typed public comments that may be read to or shared with members of the Drainage Board and other participants.

Section IV. Notice Requirements

A. Notice Requirements. Notices of any electronic meeting shall be posted on a portion of MCPW's website fully accessible to the public at least 18 hours before the meeting. The public notice on the website must be included on either the homepage or on a separate webpage dedicated to public notices for non-regularly scheduled or electronic meetings that is accessible through a prominent and conspicuous link on the website's homepage that clearly describes its purpose for public notification of non-regularly scheduled or electronic public meetings. The public notice shall contain the following information:

1. Why the Drainage Board is meeting electronically;
2. Which member(s) of the Drainage Board will be participating in the meeting electronically;
3. How members of the public may participate in the meeting electronically, including a telephone number, internet address, or both;
4. How members of the public may contact members of the Drainage Board to provide input or ask questions on any business that will come before the Drainage Board at the meeting; and
5. How persons with disabilities may participate in the meeting.

B. Agendas. If an agenda exists for a meeting held pursuant to these Procedures, the Commissioner shall make the agenda available to the general public through MCPW's website at least two (2) hours before the meeting begins.

Section V. Electronic and Telephonic Meeting Procedures. Consistent with the authority to establish reasonable rules under the OMA and the obligation of public bodies to establish procedures for electronic meetings authorized by the OMA, such meetings shall be conducted in accordance with the following:

A. Use of Electronic Service. Drainage Board members and the public may participate in electronic meetings through software or interface using electronic conferencing and telephone as facilitated by the Drainage Board.

B. Muting. During the meeting, each participant shall be permitted to mute or unmute themselves to the extent it does not create any distractions or disruptions of the meeting. To the extent necessary, a meeting host may mute or unmute participants to facilitate effective two-way communication.

C. Public Comment. Members of the public shall speak only when called upon. The Drainage Board will then designate an opportunity for each member of the public to be heard. Members of the public not speaking should remain muted unless and until called upon to provide

comment or shall not otherwise cause disruptions. The Drainage Board shall make reasonable rules at a meeting to facilitate public comment in an orderly manner.

D. Public Announcement. For any member of the Drainage Board attending electronically, the member must make a public announcement at the outset of the meeting, to be included in the meeting minutes, that the member is in fact attending the meeting electronically. If the member is attending electronically for any other purpose other than for military duty, they shall identify their location by stating the city/township/village, county, and state from which they are attending.

E. Contacting Absent Members. Members of the public shall be noticed of the absence of a member of a Drainage Board through the notice required in Section IV of these Procedures. The public may contact those absent members prior to the meeting to provide input on any business that will come before the Drainage Board by emailing or calling the Drainage Board with information provided in the notice. The Commissioner shall compile the input and transmit it to the absent member in advance of the meeting. "Absent member" is defined as any member authorized to participate in a meeting electronically.

F. Roll Call. During the electronic and telephonic meeting, members of the Drainage Board will vote by roll call to avoid any questions about how each member of the Drainage Board votes. Each member of the Drainage Board must be asked how they vote, and their name and vote must be recorded in the meeting minutes.

G. Right to Record. The right of a person to participate in an electronic meeting includes the right to tape-record, to videotape, to broadcast live on radio, and to telecast live on television the proceedings of the meeting. The exercise of this right does not depend on the prior approval of the Drainage Board. However, individuals shall at a minimum provide written or oral notice to the Drainage Board prior to the start of an electronic meeting of their intent to tape-record, videotape, broadcast, or telecast the meeting.

H. Registration. The Drainage Board may not require a person participating in an electronic meeting to register or otherwise provide his or her name or other information or otherwise to fulfill a condition precedent to attendance, other than mechanisms necessary to permit the person to participate in the public comment period of the meeting.

I. Breach of Peace. A person must be permitted to address the Drainage Board during an electronic meeting under these Procedures, provided that no specific rules by order of the Drainage Board are needed to address specific circumstances or technical issues that arise during the meeting. A person must not be excluded from an electronic meeting otherwise open to the public except for a breach of the peace committed during the meeting.

J. Closed Session. Members of the general public participating in an electronic meeting may be excluded from participation in an electronic closed session of the Drainage Board if the closed session is convened and held in compliance with the requirements of the OMA.

K. Discussion, Deliberation, and Voting. The Drainage Board's electronic meeting will effectuate as fully as possible, the purposes of the OMA, which include promoting government accountability and fostering openness in government to enhance responsible decision-making. Except as it relates to closed sessions, the full discussions and deliberations of the Drainage Board, not just the voting, must still be done with public access.

L. Additional Rules. The chair or host of an electronic meeting has the authority to ensure that the meeting is conducted in an orderly manner. This includes the ability to institute additional rules and procedures reasonably necessary to further the requirements of the OMA.

Section VI. Review of Procedures. The Commissioner shall review these Procedures if any substantive changes are made to the current provisions of the Michigan Open Meetings Act, Act 267 of 1976, *et seq*, and present any proposed revisions to the Drainage Board for re-approval as necessary.

Section VII. Validity and Severability. If any part of these Procedures are declared by any court of competent jurisdiction to be invalid, that declaration does not affect the validity of the remainder of the Procedures.

Section VIII. Repealer. While in effect, these Procedures supersede all policies (or parts of policies) of the Drainage Board that conflict with these Procedures.

Section IX. Effective Date. These Procedures are effective immediately.

Adopted by the Eight and One half Mile Relief Drain Board on 4-12-2021.

EIGHT AND ONE-HALF MILE RELIEF DRAIN - 3/16/21 - 04/06/21

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
8 1/2 Mile Relief	Chapter 20 State of MI – 16.04% County of Macomb – 2.25% Dept. of Roads – 2.25% Eastpointe – 54.33% St. Clair Shores – 25.13%						
		Astorino	Access Interactive LLC	\$ 1,505.62	Invoice #INV000105599 - 3.22.21	Microsoft Windows Server License	
		Astorino	Access Interactive LLC	\$ 706.88	Invoice #INV000105701 - 3.29.21	SCADA Maintenance	\$ 19,286.25
		Astorino	Colville Electric Co., LLC	\$ 540.00	Invoice #210129 - 3.5.21	Change Filters on 4 Systems	
		Astorino	Colville Electric Co., LLC	\$ 1,184.64	Invoice #210175 - 3.26.21	Install Level Transmitters and Level Sensors	
		Astorino	Consumers Energy	\$ 1,137.48	Invoice #RBR10-XP9PF - 3.5.21	Monthly Utilities - 2.9.21 - 3.9.21	
		Astorino	Consumers Energy	\$ 640.02	Invoice #RBR10-XP9992 - 3.10.21	Monthly Utilities - 2.9.21 - 3.9.21	
		Astorino	Consumers Energy	\$ 821.64	Invoice #RBR10-XB6TL - 3.10.21	Monthly Utilities - 2.9.21 - 3.9.21	
		Astorino	Crane 1 Services	\$ 23,740.00	Invoice #IN21-00108 - 3.24.21	Equipment Crane	
		Astorino	Cross Construction Group	\$ 141,661.82	Invoice #WO19082 Est 4 - 3.24.21	Chapaton Lab & Mezzanine, Est. #4	\$ 383,085.17
		Astorino	De-Cal, Inc.	\$ 1,588.53	Invoice #WO9210084 - 2.10.21	Boiler Repair	
		Astorino	DTE Energy	\$ 542.78	Invoice #RB43Y-57RVK - 2.28.21	Monthly Electric - 2.1.21 - 2.28.21	
		Astorino	Fishbeck	\$ 19,711.75	Invoice #398925 - 2.24.21	Basin Rehab & SRF Project Plans	\$ 76,230.68
		Astorino	Fishbeck	\$ 3,701.00	Invoice #399157 - 2.26.21	Chapaton Renovation - CCA	\$ 11,619.65
		Astorino	HESCO	\$ 10,676.10	Invoice #60833 - 3.3.21	Level Sensor - Disinfection Tanks	
		Astorino	Lardner Elevator	\$ 925.00	Invoice #190411 - 3.2.21	Load Test	
		Astorino	Motor City Electric Technologies	\$ 645.91	Invoice #93494 - 3.1.21	Pump Repair	
		Astorino	SunSource	\$ 678.34	Invoice #5550829-01 - 3.19.21	Norco Filter Element	
		Astorino	TD Painting	\$ 5,523.91	Invoice #3515 - 12.7.20	Interior Garage Painting	
		Astorino	ULINE	\$ 700.47	Invoice #130258227 - 2.16.21	Latex Gloves	
		Astorino	Wade Trim	\$ 5,920.17	Invoice #2020554 - 3.25.21	Chapaton RTB Disinfection Improvements - CCA	\$ 64,337.80
Astorino	Weiss Construction	\$ 280,029.78	Invoice #PAY EST #4 - 3.23.21	Chapaton RTB Disinfection Improvements	\$ 478,900.97		
		Total		\$ 502,581.84			



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/23/21
4. SET ID		5. POST DATE
VP210324MA		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
Access Interactive LLC	V00035	01	INV000105599
			10. Invoice Date
			3/22/2021
			11. Invoice Amount
			\$ 4,015.00

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC	22 Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)					
A	8200166M	96901	CC0014	96901	WO18300	MIDDD	WIN SVR STD CORE - PWO000149	\$ 1,726.45	GEN			
B	8200166M	96901	CC0014	96901	WO20016	MIDDD (OMID)	WIN SVR STD CORE - PWO000149	\$ 281.05	GEN			
C	8200017M	96901	CC0014	96901	WO18006	8 1/2 Mile Relief	WIN SVR STD CORE - PWO000149	\$ 1,505.62	GEN			
D	8200072M	96901	CC0014	96901		Martin	WIN SVR STD CORE - PWO000149	\$ 301.12	GEN			
E	8203018M	96901	CC0014	96901	WO18218	SEMCWWDS (BH)	WIN SVR STD CORE - PWO000149	\$ 100.38	GEN			
F	8703018M	96901	CC0014	96901	WO18219	SEMCWWDS (V)	WIN SVR STD CORE - PWO000149	\$ 100.38	GEN			
G												

23. Total: \$ 4,015.00

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/MH	30. Drain:	Multiple
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2012
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

Access Interactive, LLC.
 46635 Magellan Drive
 Novi MI 48377

Invoice	INV000105599
Date	3/22/2021
Page	1

Phone (248) 567-3000

Bill To:

Macomb County Public Works Office (MCPWO)
 Attn: Accounts Payable
 21777 Dunham Road
 Clinton Township MI 48036

Ship To:

DPWK - Public Works Office
 Chapaton Pump Station
 23001 9 Mile Rd
 Saint Clair Shores MI 48080

Purchase Order No.	Customer ID	Salesperson ID	Shipping Method	Payment Terms	Req Ship Date	Master No.
PW000149	MACOMBDPW4257	1004	MAIL	Net 30	3/16/2021	111,521
Ordered	Shipped	B/O	Item Number	Description	Unit Price	Ext. Price
5	5	0	LIC-MSFT-9EM-00678	GV WIN SVR STD CORE 19 GOVT 16 LIC C	\$803.00	\$4,015.00

 Signature
 Thank you for your order!

 Date

Subtotal	\$4,015.00
Misc	\$0.00
Tax	\$0.00
Freight	\$0.00
Trade Discount	\$0.00

PURCHASE ORDER NO.

PW000149

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES AND SHIPPING
DOCUMENTS.

Vendor: **V00035**
ACCESS COMPUTERS INC
ACCESS INTERACTIVE LLC/SYSTIME INC
46635 MAGELLAN DR
NOVI, MI 48377

Ship To: **DPWK**
PUBLIC WORKS OFFICE
CHAPATON PUMP STATION
23001 9 MILE ROAD
SAINT CLAIR SHORES MI 48080

Requested by: Michelle Houvener

Req. Dt: 03/15/2021

ITEMS

ITEM #	ORGKEY	OBJECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
0001	8200166M	96901	9EM-00678 Microsoft Windows Server 2019 Standard - License - 16 cores	1.00		1,726.45	1,726.45
0002	8200166M	96901	9EM-00678 Microsoft Windows Server 2019 Standard - License - 16 cores	1.00		281.05	281.05
0003	8200017M	96901	9EM-00678 Microsoft Windows Server 2019 Standard - License - 16 cores	1.00		1,505.62	1,505.62
0004	8200072M	96901	9EM-00678 Microsoft Windows Server 2019 Standard - License - 16 cores	1.00		301.12	301.12

BILL TO:

MACOMB COUNTY PUBLIC WORKS
FINANCE DEPARTMENT
21777 DUNHAM ROAD
CLINTON TOWNSHIP, MI 48036

AUTHORIZED AGENT

Print Date: 03/22/2021

PURCHASE ORDER NO.

PW000149

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES AND SHIPPING
DOCUMENTS.

		cores				
0005	8703018M	96901		1.00	100.38	100.38
		9EM-00678				
		Microsoft Windows Server				
		2019 Standard - License - 16				
		cores				
0006	8703018M	96901		1.00	100.38	100.38
		9EM-00678				
		Microsoft Windows Server				
		2019 Standard - License - 16				
		cores				
					TOTAL	\$4,015.00

BILL TO:

MACOMB COUNTY PUBLIC WORKS
FINANCE DEPARTMENT
21777 DUNHAM ROAD
CLINTON TOWNSHIP, MI 48036

AUTHORIZED AGENT

Print Date: 03/22/2021

PURCHASE ORDER NO.

PW000149

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES AND SHIPPING
DOCUMENTS.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/31/21
4. SET ID VP20401MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Access Interactive LLC	7. VENDOR NUMBER V00035	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) INV000105701
		10. Invoice Date 3/29/2021	11. Invoice Amount \$ 1,885.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL			21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV		
A	8200166M	80146	CC0014	80146	WO20001	MIDDD	SCADA Maintenance	\$	810.55	GEN	
B	8200166M	80146	CC0014	80146	WO20016	MIDDD (OMID)	SCADA Maintenance	\$	131.95	GEN	0
C	8200017M	80146	CC0014	80146	WO20001	8 1/2 Mile Relief	SCADA Maintenance	\$	706.88	GEN	0
D	8200072M	80146	CC0014	80146	WO20001	Martin	SCADA Maintenance	\$	141.37	GEN	0
E	82003018M	80146	CC0014	80146	WO20001	SEMCWWDS	SCADA Maintenance	\$	94.25	GEN	0
F											
G											

23. Total: \$ **1,885.00**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/MH
26. Chief Deputy:	Multiple
27. Engineers:	\$19,286.25
28. Managers:	4/6/2021
29. Coordinator:	4/12/2021

**MACOMB COUNTY PUBLIC WORKS OFFICE
ENGINEERING INVOICE COVER SHEET**

WORK ORDER NUMBER WO20001

PROJECT NUMBER WWS-2020-004

PROJECT NAME SCADA Maintenance

DRAINAGE DISTRICT MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, EIGHT AND ONE-HALF MILE DRAINAGE DISTRICT, MARTIN SANITARY DIVERSION DRAINAGE DISTRICT, MACOMB COUNTY

CONSULTANT NAME BILL FEDAK (DESIGNATED REPRESENTATIVE)

INVOICE DATE 3/29/21

INVOICE START DATE 3/29/21

INVOICE END DATE

ORIGINAL CONTRACT AMOUNT	\$ 29,000.00
CHANGE ORDER TOTAL	\$ -
Change Order No. 1	
Change Order No. 2	
Change Order No. 3	
Change Order No. 4	
TOTAL REVISED CONTRACT AMOUNT	\$ 29,000.00
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 7,828.75
TOTAL AMOUNT DUE THIS INVOICE	\$ 1,885.00
TOTAL BUDGET REMAINING	\$ 19,286.25
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	

Access Interactive, LLC.
 46635 Magellan Drive
 Novi MI 48377

Invoice	INV000105701
Date	3/29/2021
Page	1

Phone (248) 567-3000

Bill To:

Macomb County Public Works Office (MCPWO)
 Attn: Accounts Payable
 21777 Dunham Road
 Clinton Township MI 48036

Ship To:

Macomb County Public Works Office (MCPWO)
 Brent Welser, SCADA System Mgr
 21777 Dunham Road
 Clinton Township MI 48036

Purchase Order No.	Customer ID	Salesperson ID	Shipping Method	Payment Terms	Req Ship Date	Master No.
WO20001	MACOMBDPW4257	1004		Net 30	3/30/2021	111,642
Ordered	Shipped	B/O	Item Number	Description	Unit Price	Ext. Price
13.00	13.00	0.00	LBR-HOUR-RHLABOR	Per Hour Labor by Randall Hudack 03/19/2021, 03/24/2021	\$145.00	\$1,885.00

 Signature

 Date

Thank you for your order!

If you have any questions regarding your invoice

Subtotal	\$1,885.00
Misc	\$0.00
Tax	\$0.00
Freight	\$0.00
Trade Discount	\$0.00
Total	\$1,885.00

SERVICE REPORT FORM

Timestamp	Email Address	Date	Company Name	Contact	Case Number	Onsite Time	Office Time/ Off-Site Time	Drive Time	Details	Case Status	Internal Comments	Sales Rep	Rate	OK to Bill? Y/N
3/24/2021 16:11	rhudack@access-interactive.com	3/19/2021	Macomb County Public Works	Brent Welser			3:00:00		Created 2019 Gold Image, Patched.	Complete				
3/24/2021 16:09	rhudack@access-interactive.com	3/24/2021	Macomb County Public Works	Brent Welser			10:00:00		Configured Remote Desktop Gateway, Linked with DUO, Configured Firewall, Created DNS records, Obtained SSL Certificate	Complete				



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/5/21
4. SET ID	5. POST DATE	
VP210311MA		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
Colville Electric Co., LLC	V50164	02	210129
			10. Invoice Date
			3/5/2021
			11. Invoice Amount
			\$ 540.00

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL			22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Job #202110178; Filters	\$ 540.00	GEN	
B										
C										
D										
E										
F										
G										

REV 09/2018

23. Total: \$ 540.00

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	3/16/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	03/05/2021
INVOICE #	210129
TERMS	NET 30

BILL TO
Macomb County DPW 23001 Nine Mile Rd. St. Clair Shores, MI, 48080

SERVICE LOCATION
Macomb County DPW Chaption East

JOB#	DATE	PO	DESCRIPTION
202110178	01/29/2021		Change filters on 4 systems. Materials were supplied by customer. Completion Notes:

Description	Qty	Rate	Total
Hydraulic Service	4.00	\$135.00	\$540.00

SUB-TOTAL: \$540.00
 TIME & LABOR: \$0.00
 EXPENSES: \$0.00
 PMTS/DEPS: \$0.00
 TOTAL DUE: \$540.00

CUSTOMER MESSAGE

Invoice Total: \$540.00
Deposits (-): \$0.00
Payments (-): \$0.00
Total Due: \$540.00



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/26/21
4. SET ID VP210330MA		5. POST DATE

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Colville Electric Co., LLC	7. VENDOR NUMBER V50164	8. ADDR CODE 02	9. Invoice No (MAX = 16 CHARACTERS) 210175
			10. Invoice Date 3/26/2021
			11. Invoice Amount \$ 1,184.64

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger		Job Ledger		16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object						
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Job #202110230; Install down lookers	\$ 1,184.64	GEN	
B										
C										
D										
E										
F										
G										

23. Total: \$ **1,184.64**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:	<i>BB</i>	31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	03/26/2021
INVOICE #	210175
TERMS	NET 30

BILL TO
Macomb County DPW 23001 Nine Mile Rd. St. Clair Shores, MI, 48080

SERVICE LOCATION
Macomb County DPW Chaption East

JOB#	DATE	PO	DESCRIPTION
202110230	03/24/2021		Install down lookers on tanks. Completion Notes: 3/23/21- Installed new tank level transmitters. 3/24/21- installed and wired transmitters level sensors

Description	Qty	Rate	Total
SS BOLT 34 350 Hex Head Screw 3/4"-10 18-8 Stainless 3-1/2" Long	24.00	\$4.00	\$96.00
SS LK WSH 34 Split Lock Washer 18-8 Stainless Steel 3/4" Bolt	24.00	\$0.75	\$18.00
SS HVY NUT 34 Heavy Hex Nut 18-8 Stainless Steel 3/4"-10	24.00	\$1.50	\$36.00
SS WSH 34 Flat Washer 18-8 Stainless Steel 3/4" Bolt	48.00	\$1.00	\$48.00
LT 075 90 CN 3/4' Liquidtite Non-metalic Conduit 90 Deg Connector	1.00	\$7.38	\$7.38
3"x4" Mastic Pad	1.00	\$4.26	\$4.26
03/23/2021 - Jared Hayosh			
Labor Time (2hr 36min)		\$90.00/hr	\$234.00
03/23/2021 - Anthony Michael			
Labor Time (2hr 36min)		\$90.00/hr	\$234.00

03/24/2021 - Anthony Michael

Labor Time (5hr 38min)

\$90.00/hr

\$507.00

SUB-TOTAL:
\$209.64

TIME & LABOR:
\$975.00

EXPENSES:
\$0.00

PMTS/DEPS:
\$0.00

TOTAL DUE:
\$1,184.64

CUSTOMER MESSAGE

Invoice Total:	\$1,184.64
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$1,184.64



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/18/21
4. SET ID		5. POST DATE
FSB Bill Pay 4/5/21		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date
CONSUMERS ENERGY	V01038	RBR10-XP9PF	4/5/2021
		11. Invoice Amount	1,137.48

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC	22 Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)					
A	8200017M	92102	CC0004	92102	WO18006	8 1/2 Mile Relief	1000 0005 7313, 2/9-3/9	\$	1,137.48	GEN		
B												
C												
D												
E												
F												
G												

23. Total: \$ 1,137.48

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	



Questions:
 Visit: ConsumersEnergy.com
 Call us: 800-805-0490

Amount Due: \$1,137.48
Please pay by: April 05, 2021

In case of an emergency, call us immediately day or night at 1-800-477-5050.

**CHAPTON PUMPING STATION
 MACOMB CO DRAIN COMM
 21777 DUNHAM RD
 CLINTON TOWNSHIP MI 48036-1005**

▶ **Thank You** - We received your last payment of \$923.98 on March 05, 2021

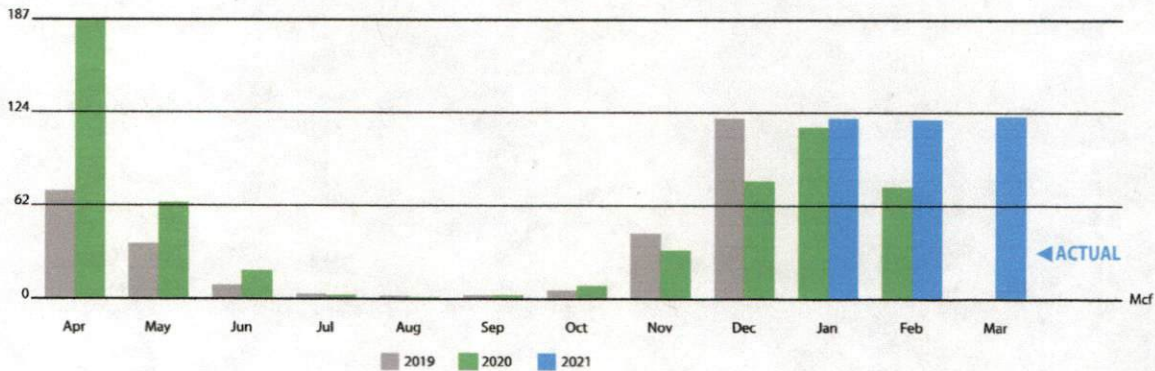
▶ **Service Address:**
 23001 E 9 MILE RD
 SAINT CLAIR SHORES MI
 48080-1576

RBR10-X9P9F

March Energy Bill

Service dates: February 09, 2021 - March 09, 2021 (29 days)

Total Natural Gas Use (Mcf - thousand cubic feet)



March Natural Gas Use
121.7 Mcf
 March 2020 use: 0 Mcf

Cost per day:
\$39.22

Mcf per day:
4.197

Prior 12 months of gas use:
757 Mcf

You are participating in Gas Customer Choice with an Alternative Gas Supplier.



Your current price is \$5.43 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity. Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$2.03 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

Learn more about Gas Customer Choice and compare prices at www.Michigan.gov/CompareMIGas



COVID-19: The latest information can be found at www.ConsumersEnergy.com/coronavirus. We are committed to the health and safety of our co-workers, customers and communities.

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



You can pay your bill by mail, by phone or online
 See reverse side for more information

Account: 1000 0005 7313

Service Address:
 MACOMB CO DRAIN COMM
 23001 E 9 MILE RD
 SAINT CLAIR SHORES MI 48080-1576

PAYMENT CENTER
 PO BOX 740309
 CINCINNATI OH 45274-0309

Amount Due: \$1,137.48
Please pay by: April 05, 2021
 Enclosed:



Need to talk to us? Visit ConsumersEnergy.com
or call **800-805-0490**
Hearing/speech impaired: Call 7-1-1

Service Address:
23001 E 9 MILE RD; SAINT CLAIR SHORES
MI 48080-1576
Account: 1000 0005 7313

Account Information

Bill Month: March
Service dates: 02/09/2021 - 03/09/2021
Days Billed: 29
Portion: 12 03/21

Rate Information

Gas Gen Serv Rate GS-2 - Com Cust Choice
Rate: 278

Meter Information

Your next scheduled meter read date is on or around 04/12/2021

Gas Service:

AMR Meter
Meter Number: 96482875
POD Number: 0000003537725
Beginning Read Date: 02-09
Ending Read Date: 03-09
Beginning Read: 4989
Ending Read: 6194 (Actual)
Differential: 1205
Constant: 0.1
Correction factor: 1.01028
Usage: 121.7 Mcf

Total Metered Energy Use: 121.7 Mcf

March Energy Bill

Invoice: 206168150393

Account Summary

Last Month's Account Balance	\$923.98
Payment on March 05, 2021	\$923.98-
Balance Forward	\$0.00

Payments applied after Mar 12, 2021 are not included.

Natural Gas Charges

Customer Charge		\$91.63
Gas Distribution	121.7@ 3.163700	\$385.02
Kratos Gas & Power (800/296-2203)		
Supplier Charge KR1	121.7@ 5.430000	\$660.83
Total Natural Gas		\$1,137.48

Total Energy Charges

\$1,137.48

Amount Due:

\$1,137.48

by April 05, 2021

If you pay after the due date, a 2% late payment charge will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front. Visit ConsumersEnergy.com/aboutmybill for details about the above charges.

NEWS AND INFORMATION

Compare natural gas prices among Consumers Energy and other gas providers at www.Michigan.gov/CompareMIGas.

ALERT - Beware of phone and email scams regarding utility payments: Consumers Energy

never demands payment using only a prepaid card. Many options at www.ConsumersEnergy.com/waystopay.

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

Ways to pay your energy bill:

 <p>Auto-pay Checking or savings Auto-pay Discover® MasterCard® or Visa® <small>(Eligibility varies)</small></p>	 <p>eLockbox via ACH Secure electronic payment with emailed remittance</p>	 <p>Same-day payment ConsumersEnergy.com Discover® MasterCard® or Visa® or eCheck</p>	 <p>Same-day payment 866-329-9593 Discover® MasterCard® or Visa® or eCheck</p>	 <p>By mail Check, money order Consumers Energy Payment Center P.O. Box 740309 Cincinnati, OH 45274-0309</p>	 <p>In person Cash, check, card or money order Varies by authorized payment location <small>See www.cec.com</small></p>
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ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/18/21
4. SET ID	5. POST DATE	
FSB Bill Pay 4/5/21		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date
CONSUMERS ENERGY	01	RBR10-X9992	3/10/2021
			11. Invoice Amount
			640.02

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL		20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)	19. Amount			
A	8200017M	92102	CC0004	92102	WO18006	8 1/2 Mile Relief	Ac#1000 0754 2333, 2/9-3/9	\$ 640.02	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 640.02

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	



Questions:
 Visit: ConsumersEnergy.com
 Call us: 800-805-0490

Amount Due: **\$640.02**
 Please pay by: **April 05, 2021**

In case of an emergency, call us immediately day or night at 1-800-477-5050.

MACOMB COUNTY DRAIN COMMISSION
 21777 DUNHAM RD
 CLINTON TOWNSHIP MI 48036-1005

► **Thank You** - We received your last payment of \$553.53 on March 05, 2021

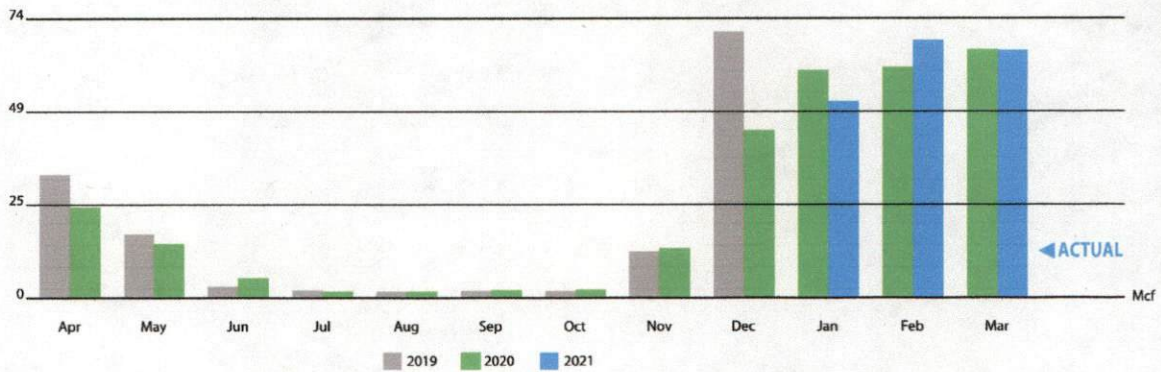
► **Service Address:**
 22999 E 9 MILE RD
 SAINT CLAIR SHORES MI
 48080-0000

RB210-X9992

March Energy Bill

Service dates: February 09, 2021 - March 09, 2021 (29 days)

Total Natural Gas Use (Mcf - thousand cubic feet)



March Natural Gas Use
65.7 Mcf
March 2020 use: 66 Mcf

Cost per day:
\$22.07

Mcf per day:
2.266

Prior 12 months of gas use:
295 Mcf

You are participating in Gas Customer Choice with an Alternative Gas Supplier.

Your current price is \$5.43 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity. Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$2.03 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

Learn more about Gas Customer Choice and compare prices at www.Michigan.gov/CompareMIGas



COVID-19: The latest information can be found at www.ConsumersEnergy.com/coronavirus. We are committed to the health and safety of our co-workers, customers and communities.

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



You can pay your bill by mail, by phone or online
See reverse side for more information

Account: 1000 0754 2333

Service Address:
 MACOMB COUNTY DRAIN COMMISSION
 22999 E 9 MILE RD
 SAINT CLAIR SHORES MI 48080-0000

PAYMENT CENTER
 PO BOX 740309
 CINCINNATI OH 45274-0309

Amount Due: **\$640.02**
 Please pay by: **April 05, 2021**
 Enclosed:



Need to talk to us? Visit ConsumersEnergy.com
or call **800-805-0490**
Hearing/speech impaired: Call 7-1-1

Service Address:
22999 E 9 MILE RD; SAINT CLAIR SHORES
MI 48080-0000
Account: **1000 0754 2333**

Account Information

Bill Month: March
Service dates: 02/09/2021 - 03/09/2021
Days Billed: 29
Portion: 12 03/21

Rate Information

Gas Gen Serv Rate GS-1 - Com Cust Choice
Rate: 277

Meter Information

Your next scheduled meter read
date is on or around 04/12/2021

Gas Service:

AMR Meter
Meter Number: 96516200
POD Number: 0000000435094
Beginning Read Date: 02-09
Ending Read Date: 03-09
Beginning Read: 2221
Ending Read: 2878 (Actual)
Differential: 657
Constant: 0.1
Correction factor: 1.00000
Usage: 65.7 Mcf

Total Metered Energy Use: 65.7 Mcf

March Energy Bill

Invoice: 203587496838

Account Summary

Last Month's Account Balance	\$553.53
Payment on March 05, 2021	\$553.53-
Balance Forward	\$0.00

Payments applied after Mar 12, 2021 are not included.

Natural Gas Charges

Customer Charge		\$15.00
Gas Distribution	65.7@ 4.083200	\$268.27
Kratos Gas & Power (800/296-2203)		
Supplier Charge KR1	65.7@ 5.430000	\$356.75
Total Natural Gas		\$640.02

Total Energy Charges	\$640.02
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Amount Due: \$640.02
by April 05, 2021

If you pay after the due date, a 2% late payment charge
will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front.
Visit ConsumersEnergy.com/aboutmybill for details about the above charges.

NEWS AND INFORMATION

Compare natural gas prices among Consumers
Energy and other gas providers at
www.Michigan.gov/CompareMIGas.

**ALERT - Beware of phone and email scams
regarding utility payments:** Consumers Energy

never demands payment using only a prepaid card.
Many options at
www.ConsumersEnergy.com/waystopay.

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

Ways to pay your energy bill:



Auto-pay
Checking or savings
Auto-pay
Discover® MasterCard®
or Visa®
(Eligibility varies)



eLockbox
via ACH
Secure electronic
payment with
emailed remittance



Same-day payment
ConsumersEnergy.com
Discover® MasterCard®
or Visa® or eCheck



Same-day payment
866-329-9593
Discover® MasterCard®
or Visa® or eCheck



By mail
Check, money order
Consumers Energy
Payment Center
P.O. Box 740309
Cincinnati, OH 45274-0309



In person
Cash, check, card
or money order
Varies by authorized
payment location
For more details



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/18/21
4. SET ID FSB Bill Pay 4/5/21	5. POST DATE	

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) CONSUMERS ENERGY	7. VENDOR NUMBER V01038	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) RBR10-XB6TL
		10. Invoice Date 3/10/2021	11. Invoice Amount \$ 821.64

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger		Job Ledger	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)							
A	8200017M	92102	CC0004	92102	8 1/2 MILE RELIEF	AC# 1000 0754 2523, 2/9-3/9	\$ 821.64	GEN		
B										
C										
D										
E										
F										
G										

23. Total: \$ **821.64** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 MILE RELIEF
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	



Questions:
 Visit: ConsumersEnergy.com
 Call us: **800-805-0490**

Amount Due: **\$821.64**
 Please pay by: **April 05, 2021**

**ATTN PUBLIC WORKS
 MACOMB COUNTY
 21777 DUNHAM RD
 CLINTON TOWNSHIP MI 48036-1005**

► **Thank You** - We received your last payment of **\$764.19** on **March 05, 2021**

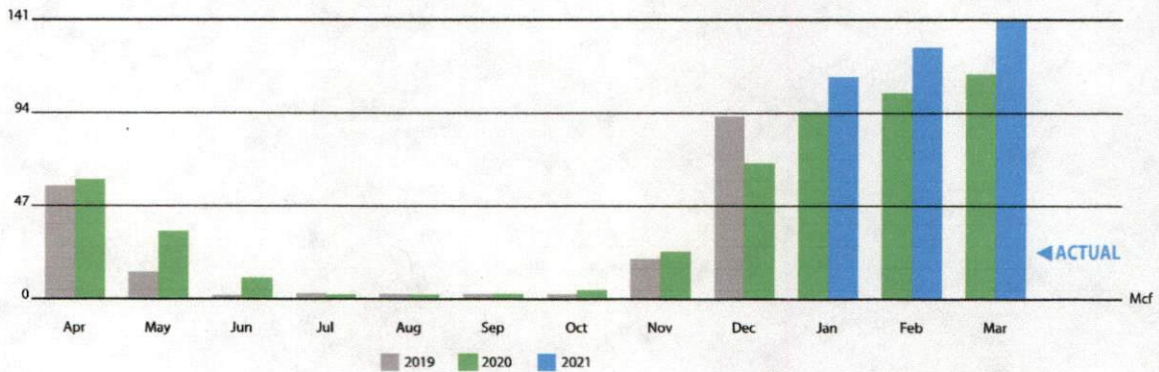
► **Service Address:**
 23301 E 9 MILE RD
 SAINT CLAIR SHORES MI
 48080-0000

RBR10-XB6TL

March Energy Bill

Service dates: February 09, 2021 - March 09, 2021 (29 days)

Total Natural Gas Use (Mcf - thousand cubic feet)



March Natural Gas Use
140.5 Mcf
March 2020 use: 113 Mcf

Cost per day: **\$28.33** (with calendar icon)

Mcf per day: **4.845** (with flame icon)

Prior 12 months of gas use: **588 Mcf** (with meter icon)

STAY SAFE: Call 9-1-1 and 800-477-5050. We'll respond day or night.

- Downed power lines.** Stay 25 feet away. Call from a safe location.
- If you smell natural gas.** If the "rotten egg" odor of gas is apparent, call from a safe location.

COVID-19 HELP COVID-19: The latest information can be found at www.ConsumersEnergy.com/coronavirus. We are committed to the health and safety of our co-workers, customers and communities.

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.

Consumers Energy **You can pay your bill by mail, by phone or online** **Account: 1000 0754 2523**
 Count on Us® See reverse side for more information

Service Address:
 MACOMB COUNTY
 23301 E 9 MILE RD
 SAINT CLAIR SHORES MI 48080-0000

PAYMENT CENTER
 PO BOX 740309
 CINCINNATI OH 45274-0309

Amount Due: **\$821.64**
 Please pay by: **April 05, 2021**
 Enclosed:



Need to talk to us? Visit ConsumersEnergy.com
or call **800-805-0490**
Hearing/speech impaired: Call 7-1-1

Service Address:
23301 E 9 MILE RD; SAINT CLAIR SHORES
MI 48080-0000
Account: **1000 0754 2523**

Account Information

Bill Month: March
Service dates: 02/09/2021 - 03/09/2021
Days Billed: 29
Portion: 12 03/21

Rate Information

Gas Gen Serv Rate GS-2 - Com
Rate: 262

Meter Information

Your next scheduled meter read
date is on or around 04/12/2021

Gas Service:

AMR Meter
Meter Number: 98117224
POD Number: 0000000435095
Beginning Read Date: 02-09
Ending Read Date: 03-09
Beginning Read: 3251
Ending Read: 4656 (Actual)
Differential: 1405
Constant: 0.1
Correction factor: 1.00000
Usage: 140.5 Mcf

Total Metered Energy Use: 140.5 Mcf

March Energy Bill

Invoice: 203587496839

Account Summary

Last Month's Account Balance	\$764.19
Payment on March 05, 2021	\$764.19-
Balance Forward	\$0.00

Payments applied after Mar 12, 2021 are not included.

Natural Gas Charges

Customer Charge		\$91.63
Gas Distribution	140.5@ 3.163700	\$444.50
Gas Cost Recovery	140.5@ 2.032100	\$285.51
Total Natural Gas		\$821.64

Total Energy Charges **\$821.64**

Amount Due: **\$821.64**
by April 05, 2021

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will be added to your next bill.

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Visit ConsumersEnergy.com/aboutmybill for details about the above charges.

NEWS AND INFORMATION

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Energy and other gas providers at
www.Michigan.gov/CompareMIGas.

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regarding utility payments: Consumers Energy

never demands payment using only a prepaid card.
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www.ConsumersEnergy.com/waystopay.

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

Ways to pay your energy bill:

 <p>Auto-pay Checking or savings Auto-pay Discover® MasterCard® or Visa® <small>(Eligibility varies)</small></p>	 <p>eLockbox via ACH Secure electronic payment with emailed remittance</p>	 <p>Same-day payment ConsumersEnergy.com Discover® MasterCard® or Visa® or eCheck</p>	 <p>Same-day payment 866-329-9593 Discover® MasterCard® or Visa® or eCheck</p>	 <p>By mail Check, money order Consumers Energy Payment Center P.O. Box 740309 Cincinnati, OH 45274-0309</p>	 <p>In person Cash, check, card or money order Varies by authorized payment location www.consumersenergy.com</p>
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ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/24/21
4. SET ID VP210324MA		
5. POST DATE		

PARENT RECORD INFORMATION	
6. VENDOR NAME (Check to be issued to) Crane 1 Services, Inc.	7. VENDOR NUMBER V67981
8. ADDR CODE 02	9. Invoice No (MAX = 16 CHARACTERS) IN21-00108
10. Invoice Date 3/24/2021	11. Invoice Amount \$ 23,740.00

General Ledger		Job Ledger		OPTIONAL		CHILD RECORD DETAIL INFORMATION		
Line	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	
A	8200017M	97002	CC0004	97002	WO18006	8 1/2 Mile Relief	Cust #331325; PW000126	
B	8200017M	72903	CC0004	72903	WO18006	8 1/2 Mile Relief	Cust #331325; PW000126	
C								
D								
E								
F								
G								
							19. Amount	20. DIV
							\$ 23,540.00	GEN
							\$ 200.00	GEN
							0	21. MISC
							0	22. Sep CK

23. Total: \$ **23,740.00**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
PW000126 - Hatch hoist

25. Finance Officer:	BM/mh
26. Chief Deputy:	8 1/2 Mile Relief
27. Engineers:	N/A
28. Managers:	4/6/2021
29. Coordinator:	4/12/2021
30. Drain:	8 1/2 Mile Relief
31. Project Balance:	N/A
32. Staff Date:	4/6/2021
33. Board Date:	4/12/2021
34. Select For Pay Date:	



SERVICE · SAFETY · SYSTEMS

1-855-242-7263

Crane 1 Services Inc.

1027 Byers Road
 Miamisburg, OH 45342
 United States

Invoice

Number:	IN21-00108
Page:	1
Date:	3/24/2021

Please make checks payable to: Crane 1 Services, Inc., PO Box 88989, Milwaukee, WI 53288-8989

Sold To:	MACOMB COUNTY PUBLIC WORKS 21777 DUNHAM CLINTON TWP, MI 48036 US
----------	---

Ship To:	Chapaton Sub Station 23001 E 9 Mile Rd Saint Clair Shores, MI 48080-1576 US
----------	--

Reference - P.O. No.	Customer No.	Salesperson	Ship Via	Terms Code
PW000126	331325		PREPAID	Net 30 Days

Description/Comments	Amount
Re: J21-00108 PHM	
LINE 0001 (1) 4-TON MONORAIL TROLLEY	20,450.00
LINE 0002 FLEX 4 EX RADIO CONTROL	1,250.00
LINE 0003 INSTALL, START-UP & LOAD TEST	1,840.00
LINE 0004 FREIGHT	200.00

Subtotal before taxes	23,740.00
Total taxes	0.00
Total amount	23,740.00
Payment received	
Amount due	

For your convenience we now accept: VISA, MASTERCARD & AMERICAN EXPRESS.
 Please note that all credit card payments will be subject to a 3% convenience fee.
 "THANK YOU FOR YOUR BUSINESS"



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/31/21
4. SET ID VP210401MA		
5. POST DATE		

PARENT RECORD INFORMATION				
6. VENDOR NAME (Check to be issued to) Cross Construction Group	7. VENDOR NUMBER V081148	8. ADDR CODE 01	9. Invoice No. (MAX = 16 CHARACTERS) WO19082 Est 4	10. Invoice Date 3/24/2021
				11. Invoice Amount \$ 141,661.82

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22 Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object							
A	8200017M	80126	CC0004	80126	WO19082	8 1/2 Mile Relief	Chap Lab & Mezzanine, Est #4	\$ 141,661.82	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 141,661.82

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Retainage recording of \$15,740.20. Total retained to date \$28,920.00

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$383,085.17; \$28,920 Retained
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

**MACOMB COUNTY PUBLIC WORKS OFFICE
CONTRACTOR INVOICE COVER SHEET**

WORK ORDER NUMBER WO19082

PROJECT NUMBER WWS-2020-010

PROJECT NAME Chapaton Lab Relocation & Mezzanine Renovation

DRAINAGE DISTRICT 8 1/2 Mile Relief Drain Drainage District

CONTRACTOR NAME Cross Construction Group

INVOICE DATE 3/24/2021

INVOICE START DATE 3/1/2021

INVOICE END DATE 3/31/2021

ORIGINAL CONTRACT AMOUNT			\$ 667,777.00
CHANGE ORDER TOTAL			
			\$ 4,508.19
Change Order No. 1	Date Executed:	3/31/2021	\$ 4,508.19
Change Order No. 2	Date Executed:		
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT			\$ 672,285.19
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED			\$ 118,618.20
TOTAL AMOUNT DUE THIS INVOICE			\$ 141,661.82
TOTAL BUDGET REMAINING			\$ 412,005.17
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			

Contractor's Application for Payment

Owner:	<u>8 1/2 Mile Relief Drain Drainage District</u>	Owner's Project No.:	<u>WWS-2020-010</u>
Engineer:	<u>Fishbeck</u>	Engineer's Project No.:	<u>191498</u>
Contractor:	<u>Cross Construction Group</u>	Contractor's Project No.:	<u>BH-724</u>
Project:	<u>Chapaton Pump Station Lab Relocation & Mezzanine Renovation</u>		
Contract:	<u>Chapaton Pump Station Lab Relocation & Mezzanine Renovation</u>		
Application No.:	<u>004</u>	Application Date:	<u>3/24/2021</u>
Application Period:	From <u>3/1/2021</u>	to	<u>3/31/2021</u>


1. Original Contract Price	\$ 667,777.00
2. Net change by Change Orders	\$ 4,508.19
3. Current Contract Price (Line 1 + Line 2)	\$ 672,285.19
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 289,200.02
5. Retainage	
a. <u>10%</u> X \$ <u>289,200.02</u> Work Completed	\$ 28,920.00
b. _____ X \$ _____ Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 28,920.00
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 260,280.02
7. Less previous payments (Line 6 from prior application)	\$ 118,618.20
8. Amount due this application	\$ 141,661.82
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 383,085.17

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

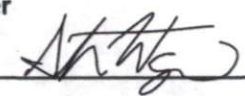
Contractor: Cross Construction Group

Signature:  **Date:** 3/24/2021

Recommended by Engineer


By: N/A
Title: _____
Date: _____

Approved by Owner

By: 
Title: Engineer II
Date: 03/31/2021

Approved by Funding Agency

By: N/A
Title: _____
Date: _____

By: 
Title: Operations & Flow Manager
Date: 03/31/2021

Retainage Entry \$ 15,740.20

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: 8 1/2 Mile Relief Drain Drainage District
Engineer: Fishbeck
Contractor: Cross Construction Group
Project: Chapaton Pump Station Lab Relocation & Mezzanine Renovation
Contract: Chapaton Pump Station Lab Relocation & Mezzanine Renovation

Owner's Project No.: WWS-2020-010
Engineer's Project No.: 191498
Contractor's Project No.: BH-724

Application No.: 004		Application Period: From 03/01/21 to 03/31/21		Application Date: 03/24/21					
Item No.	Description	C Scheduled Value (\$)	D Work Completed (D + E) From Previous Application (\$)		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			D (\$)	E (\$)					
Original Contract									
1	Bonds	\$10,000.00	10,000.00	-	-	-	10,000.00	100%	-
2	Insurance	\$4,000.00	4,000.00	-	-	-	4,000.00	100%	-
3	Project Management	\$15,000.00	5,250.00	5,250.00	-	-	10,500.00	70%	4,500.00
4	Site Supervision	\$30,000.00	9,000.00	10,500.00	-	-	19,500.00	65%	10,500.00
5	Dumpsters	\$3,500.00	700.00	1,050.00	-	-	1,750.00	50%	1,750.00
6	Submittals	\$10,000.00	9,500.00	400.00	-	-	9,900.00	99%	100.00
7	Demolition	\$10,000.00	10,000.00	-	-	-	10,000.00	100%	-
8	Metal Stud Framing	\$4,000.00	4,000.00	-	-	-	4,000.00	100%	-
9	Doors & Hardware	\$2,000.00	-	1,800.00	-	-	1,800.00	90%	200.00
10	Gyp Board & FRP	\$2,500.00	2,500.00	-	-	-	2,500.00	100%	-
11	Ceiling Installation	\$1,500.00	900.00	600.00	-	-	1,500.00	100%	-
12	Painting	\$2,000.00	-	2,000.00	-	-	2,000.00	100%	-
13	Flooring	\$8,000.00	-	2,000.00	-	-	2,000.00	25%	6,000.00
14	Lab Casework	\$24,000.00	18,000.00	6,000.00	-	-	24,000.00	100%	-
15	Mechanical	\$20,000.00	7,000.00	13,000.00	-	-	20,000.00	100%	-
16	Electrical	\$8,000.00	5,200.00	2,800.00	-	-	8,000.00	100%	-
17	Plumbing	\$10,000.00	8,500.00	1,000.00	-	-	9,500.00	95%	500.00
18	Demolition & Abatement	\$30,000.00	10,500.00	16,500.00	-	-	27,000.00	90%	3,000.00
19	Concrete	\$3,000.00	-	3,000.00	-	-	3,000.00	100%	-
20	Masonry	\$8,000.00	-	-	-	-	-	0%	8,000.00
21	Structural Steel	\$17,000.00	-	-	-	-	-	0%	17,000.00
22	Metal Stud Framing	\$30,000.00	-	18,000.00	-	-	18,000.00	60%	12,000.00
23	Millwork Installation	\$22,000.00	-	-	-	-	-	0%	22,000.00
24	Glazing Installation	\$13,000.00	-	-	-	-	-	0%	13,000.00
25	Doors & Hardware	\$10,000.00	-	3,000.00	-	-	3,000.00	30%	7,000.00
26	Gyp Board & FRP	\$20,000.00	-	-	-	-	-	0%	20,000.00
27	Painting	\$7,500.00	-	-	-	-	-	0%	7,500.00
28	Ceiling Installation	\$2,000.00	-	-	-	-	-	0%	2,000.00
29	Lockers	\$4,000.00	-	-	-	-	-	0%	4,000.00
30	Kitchen Appliance Install	\$1,500.00	-	-	-	-	-	0%	1,500.00
31	Bathroom Accessories	\$2,500.00	-	-	-	-	-	0%	2,500.00
32	Visual Display Boards	\$2,000.00	-	-	-	-	-	0%	2,000.00
33	Corner Guard Installation	\$2,000.00	-	-	-	-	-	0%	2,000.00
34	Flooring	\$19,547.00	-	-	-	-	-	0%	19,547.00
35	Tile Installation	\$3,000.00	-	-	-	-	-	0%	3,000.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: 8 1/2 Mile Relief Drain Drainage District
Engineer: Fishbeck
Contractor: Cross Construction Group
Project: Chapaton Pump Station Lab Relocation & Mezzanine Renovation
Contract: Chapaton Pump Station Lab Relocation & Mezzanine Renovation

Owner's Project No.: WWS-2020-010
Engineer's Project No.: 191498
Contractor's Project No.: BH-724

Application No.: 004		Application Period: From 03/01/21 to 03/31/21		Application Date: 03/24/21				
A Item No.	B Description	C Scheduled Value (\$)	D Work Completed		F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)	This Period (\$)				
36	Roller Shade Installation	\$4,300.00	-	-	-	-	0%	4,300.00
37	Mechanical	\$75,000.00	11,250.00	15,000.00	-	26,250.00	35%	48,750.00
38	Electrical	\$55,000.00	5,500.00	27,500.00	-	33,000.00	60%	22,000.00
39	Plumbing	\$35,000.00	5,250.00	7,000.00	-	12,250.00	35%	22,750.00
40	Lutz Roofing	\$6,880.00	-	5,160.00	-	5,160.00	75%	1,720.00
41	Abel Electronics	\$51,683.00	-	-	-	-	0%	51,683.00
42	Macomb County IT	\$43,012.00	-	-	-	-	0%	43,012.00
43	Interior Environment	\$25,355.00	-	13,000.00	-	13,000.00	51%	12,355.00
44	Building Permit	\$10,000.00	4,748.00	-	-	4,748.00	47%	5,252.00
Original Contract Totals		\$ 667,777.00	\$ 131,798.00	\$ 154,560.00	\$ -	\$ 286,358.00	43%	\$ 381,419.00

SWORN STATEMENT

STATE OF MICHIGAN

COUNTY OF

} §

Blair Ackman

, being duly sworn, states the following:

Cross Construction Group is the contractor for an improvement to the following real property in
Macomb County, Michigan, described as follows:

Chapaton Lab & Mezzanine
 23001 E. 9 Mile Rd.
 St. Clair Shores,, MI 48080-

The following is a statement of each subcontractor and supplier and laborer, for whom payment of wages or fringe benefits and withholdings is due but unpaid, with whom the contractor has contracted for performance under the contract with the owner or lessee, and the amounts due to the persons as of the date of this statement are correctly and fully set forth opposite their names:

Name, Address and Phone Number of Subcontractor, Supplier or Laborer	Type of Improvement	Total Contract Price	Amount Already Paid	Amount Currently Owing	Balance To Complete
Bell Electronics Co Inc 27201 Harper Avenue Saint Clair Shores, MI 48081	SUBCONTRACTORS	51,682.98	.00	.00	51,682.98
Blue Star, Inc. 21950 Hoover Warren, MI 48089	SUBCONTRACTORS	30,440.00	.00	.00	30,440.00
Continental Contracting Co. 23450 Telegraph Rd. Southfield, MI 48033	SUBCONTRACTORS	15,000.00	.00	.00	15,000.00
Continuum Services 23640 Research Drive Farmington, MI 48335 (248) 286-5200	SUBCONTRACTORS	135,060.00	.00	.00	135,060.00
Detroit Technical Equipment C 1091 Centre Rd, Suite 100 Auburn Hills, MI 48326	SUBCONTRACTORS	24,559.14	24,559.14	.00	.00
Interior Environments 48700 Grand River Novi, MI 48374	SUBCONTRACTORS	26,012.40	.00	.00	26,012.40
LaForce PO Box 10068 Green Bay, WI 54307 (248) 588-5601	MATERIALS	10,735.00	360.91	.00	10,374.09
Masters Millwork 30700 Stephenson Hwy Madison Heights, MI 48071	SUBCONTRACTORS	19,675.00	.00	.00	19,675.00

Name, Address and Phone Number of Subcontractor, Supplier or Laborer	Type of Improvement	Total Contract Price	Amount Already Paid	Amount Currently Owing	Balance To Complete
Omega Floors 35370 Union Lake Rd. Harrison Twp, MI 48045 (586) 218-6800	SUBCONTRACTORS	12,250.00	.00	.00	12,250.00
Resurrection Carpentry.	SUBCONTRACTORS	64,397.00	11,025.00	1,225.00	52,147.00
Rochester Hills Contract Glazi 1155 Centre Drive Auburn Hills, MI 48236 (248) 852-6465	SUBCONTRACTORS	12,680.00	536.40	59.60	12,084.00
RSC Electrical, Inc. 43750 Garfield Rd. Clinton Twp, MI 48038 (877) 248-8400	SUBCONTRACTORS	62,872.00	.00	.00	62,872.00
Totals		465,363.52	36,481.45	1,284.60	427,597.47

The contractor has not procured material from, or subcontracted with, any person other than those set forth and owes no money for the improvement other than the sums set forth.*

I make this statement as the contractor or as CFO of the contractor to represent to the owner or lessee of the property and his or her agents that the property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth in this statement and except for claims of construction liens by laborers that may be provided under Section 109 of the Construction Lien Act, 1980 PA 497, MCL 570.1109.

WARNING TO OWNER OR LESSEE: AN OWNER OR LESSEE OF THE PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1109 TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED.

IF THIS SWORN STATEMENT IS IN REGARD TO A RESIDENTIAL STRUCTURE, ON RECEIPT OF THIS SWORN STATEMENT, THE OWNER OR LESSEE, OR THE OWNER'S OR LESSEE'S DESIGNEE MUST GIVE NOTICE OF ITS RECEIPT, EITHER IN WRITING, OR BY TELEPHONE, OR PERSONALLY, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING UNDER SECTION 109 OR, IF A NOTICE OF FURNISHING IS EXCUSED UNDER SECTION 108 OR 108A, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER NAMED IN THE SWORN STATEMENT. IF A SUBCONTRACTOR, SUPPLIER WHO HAS PROVIDED A NOTICE OF FURNISHING OR WHO IS NAMED IN THE SWORN STATEMENT MAKES A REQUEST, THE OWNER, LESSEE, OR DESIGNEE SHALL PROVIDE THE REQUESTER A COPY OF THE SWORN STATEMENT WITHIN 10 BUSINESS DAYS AFTER RECEIVING THE REQUEST.

text Blair Ackman CFO

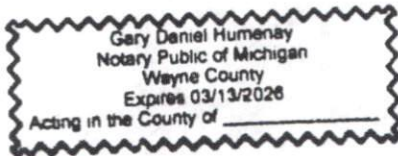


Deponent Signature

WARNING TO DEPONENT: A PERSON WHO GIVES A FALSE SWORN STATEMENT WITH INTENT TO DEFRAUD IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1110.

Subscribed and sworn to before me this

23rd day of March 2021




Notary Public

County, Michigan

My Commission Expires: 3-13-2026

*Materials furnished by a contractor or a subcontractor out of his or her own inventory, and which has not been purchased specifically for the purpose of performing the contract, need not be listed.

CONTRACTOR'S DECLARATION

(To be attached to the Contractor's periodic Request for Payment)

Project Name: Chapaton Pump Station Lab Relocation & Mezzanine Renovation

Contract No.: WO 19082

Contract Date: 12/8/2020

Contractor: Cross Construction Group

Owner: 8 1/2 Mile Relief Drain Drainage District


Certification Period (From the Date of the Contract to the Date of this Declaration) 3/31/2021

I hereby certify that I have not, during the above noted certification period, 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 I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Attached Summary, Dated _____

(Contractor to check this box if no claim letters are submitted to date)

CONTRACTOR

By: 
(Authorized Signature)

Name: Blair Ackman
(Print Name)

Title: CFD

Date: 3/24/2021

END OF SECTION 00 61 13.1

Chapaton Pump Station

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Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/3/21
4. SET ID	5. POST DATE	
VP210311MA		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
De-Cal, Inc.	V59694	01	WO9210084
			10. Invoice Date
			2/10/2021
			11. Invoice Amount
			\$ 1,588.53

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL			22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Job #9210084 - Boiler repair	\$ 1,588.53	GEN	
B										
C										
D										
E										
F										
G										

23. Total: \$ 1,588.53

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/rmh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	3/16/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	



DE-CAL, Inc.
 24659 Schoenherr Rd.
 Warren, MI 48089-4775
 Service Phone: 586-619-0281
 Service Fax: 586-486-5242

Service Invoice

Invoice #: WO9210084

Date: 02/10/2021

Billed To: Macomb County Chapaton
 23001 E. 9 Mile Rd.
 St. Clair Shores MI 48080

Location: Macomb Chapaton Pumping
 23001 E. 9 Mile Rd.
 St. Clair Shores MI 48080

Attn: Accounts Payable

Client PO#:	Employee:	Due Terms: 30DY
--------------------	------------------	------------------------

Assembly#	Part#	Description	Quantity	Price	Ext Price	Sales Tax
		See Attached	1.0000	1,588.530000	1,588.53	N

Notes:
 See Work Order for Details

Chapaton

De-Cal Service Group is a division of De-Cal, Inc.

Please Make Checks Payable to: De-Cal, Inc.

Thank you for your prompt payment!

Amount Due: \$ 1,588.53



De - Cal Service Group

Commercial & Industrial HVAC Service, Building Automation

Chillers, Boilers, Piping & Plumbing

24659 Schoenherr Rd.

Warren, MI 48089

Phone: 586-619-0281

www.de-cal.com

Customer Name:	Macomb County Chapaton	Date:		De-Cal Job #	9210084
Job Site Location:					
Description Of Work Performed:	Lochinvar Knight Boiler down. Also, leaking hot water tank.	PO #			
		Site Contact:			
LABOR HOURS					
Labor Type	Dates, Technicians	Total Hours	Total		
HVAC Technician		7.0	\$	787.50	
Controls Technician			\$	-	
Boiler Technician			\$	-	
Chiller Technician			\$	-	
OT		2.0	\$	290.00	
DT		1.5	\$	262.50	
Veh/Tool Allowance		1.0	\$	75.00	
MATERIALS/SUBCONTRACTORS UTILIZED					
Unit #	Material Description	Part #	Quantity	Price	
	Consumables		1.0	\$	20.00
	PPE Fee		1.0	\$	10.00
	Sensor		1.0	\$	133.71
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
Total Work Order				Material Tax %	\$ 9.82
				Sell For	
				TOTAL BILLING:	\$ 1,588.53

Service Report

Service Report No : 9210084-1



Date: January 16, 2021

Client P.O. #: N/A

HVAC Service

Ready to Invoice/Work Complete

Site:
Macomb Chapaton Pump station
23001 E. 9 Mile Rd., St. Clair Shores , MI ,
48080

Client:
Macomb County Chapton
23001 E. 9 Mile Rd., St. Clair Shores , MI ,
48080

Reason for Call:

Lochinvar Knight Boiler down, also leaking domestic Hot Water Tank.

Need service today 1/15/2021

Description of Service:

Intermittent issue, Fault code of "outlet temperature difference". Checked the pumps and flow up to the mezzanine area. Opened the zone valves to the air handlers to confirm flow. Troubleshoot the outlet sensor. 2 stage sensor, confirmed the resistance readings to the charts. Locate and replace the outlet sensor based on fault code and troubleshooting. Strapped up the control wiring and returned to normal operation.

1-18, Located and checked out the hot water tank for pilot/ burner issues. Gas is present to the gas valve. Light off occurs and drops out immediately and the pilot will not relight. Pulled the burner, cleaned the pilot and the burner. Cleaned the intake screen. Reassembled and retried. Operation is the same. Faulty gas valve. Called in for replacement. Tank is 13 years of age.

Technician Work

Name	Date	Reg. hrs	OT / DT
Dan Mosey	Jan 15, 2021	4	2 / 1.5
Dan Mosey	Jan 18, 2021	3	0



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/9/21
4. SET ID		
5. POST DATE		
FSB Bill Pay 4/1/21		

PARENT RECORD INFORMATION				
6. VENDOR NAME (Check to be issued to) DTE Energy	7. VENDOR NUMBER V01270	8. ADDR CODE 08	9. Invoice No (MAX = 16 CHARACTERS) RB43Y-57RVK	10. Invoice Date 2/28/2021
			11. Invoice Amount \$ 542.78	

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)					
A	8200017M	92101	CC0004	92101	WO18006	8 1/2 Mile Relief	Ac#9100 0005 6739, 2/1-2/28	\$	542.78	GEN		
B												
C												
D												
E												
F												
G												

23. Total: \$ **542.78**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh
26. Chief Deputy:	8 1/2 Mile Relief
27. Engineers:	N/A
28. Managers:	3/16/2021
29. Coordinator:	4/12/2021



Payment Coupon

Account Number	910000056739
Due Date:	* April 01, 2021
Total Due:	\$542.78

MACOMB COUNTY
21777 DUNHAM RD
CLINTON TWP MI 48036-1005

RB43Y-57RYK

Mail Payments to:
DTE Energy
P.O. Box 740786
Cincinnati OH 45274-0786

Please detach and return coupon with account number on check. Agencies are not authorized to accept payment of this bill.

Account Information

MACOMB COUNTY
21777 DUNHAM RD
CLINTON TWP, MI 48036

Account Number	9100-0005-6739
----------------	----------------

DTE-Energy Federal ID No.	38-3217752
---------------------------	------------

Programs you are enrolled in: _____

How to contact us: _____

Billing Inquiry 1-734-397-4309

Please make any inquiry or complaint about this bill to DTE Energy before the Due Date.
DTE Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

Important Information



Summary Of Charges

Account Number 9100-0005-6739

Previous Balance as of 02/01/2021	555.41
Payment(s) and Credit(s)	- 555.41
Remaining Balance	\$0.00

Current Charges

Service Location	Item	Service Type	Rate	Bill Period	Amount
	7004422277	Street Lights OH Standard	EFS_E1UOHS	02/01 - 02/28/21	542.78
		Taxes			0.00
		Miscellaneous Charges			0.00
		Current Bill			\$542.78

Amount Due on or before Due Date of 04/01/2021 **\$542.78**

Your current charges are due on April 1, 2021. A 2% late payment charge will be applied if paid after the due date.

Detail Charges

Invoice: 200022779382 Service Name: Streetlight
Item: 7004422277 Cycle: 20

Cust Ref #90-M-300
Street Lights OH Standard

Billing Status Information

Total Number of days in the Billing Period	28	DAYS
Avg Kilowatthours Used Per Day This Period	60	KWH
Avg Kilowatthours Used Per Day A Year Ago	58	KWH
kWh percentage change from a year ago	3	PCT

Charges for 02/01/2021 through 02/28/2021

Power Supply Charges:

Energy Charge:					
Power Supply Non Capacity Charge	1,673	KWH	@ \$	0.0447000	Per Total KWH 74.78
Surcharges:					
Power Supply Cost Recovery Factor	1,673	KWH	@ \$	0.0032200	Per Total KWH 5.39
Sub Total:					80.17

Delivery Charges:

Luminaire:					
100 Watt High Pressure Sodium	10	EA	@ \$	15.4700000	154.70
250 Watt High Pressure Sodium	10	EA	@ \$	23.8100000	238.10
Multiple Lamp Discount	2	EA	@ \$	-0.5100000	- 1.02
Surcharges:					
Nuclear Surcharge	1,673	KWH	@ \$	0.0008420	Per Total KWH 1.41
Other Delivery Surcharges					69.42
Sub Total:					462.61

Invoice Subtotal

Michigan State Sales Tax On Taxable Portion 542.78

Invoice Total

0.00
\$542.78



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/16/21
4. SET ID V#210311MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Fishbeck	7. VENDOR NUMBER V44063	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) 398925
			10. Invoice Date 2/24/2021
			11. Invoice Amount \$ 19,711.75

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL			21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	
A	8200017M	80138	CC0004	80138	8 1/2 Mile Relief	WO19005	Pjt #190051 through 2/19/21	\$ 19,711.75	GEN	22 Sep CK
B										
C										
D										
E										
F										
G										

23. Total: \$ 19,711.75

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
As Needed Services

25. Finance Officer:	BM/mh
26. Chief Deputy:	8 1/2 Mile Relief
27. Engineers:	\$76,230.68
28. Managers:	3/16/2021
29. Coordinator:	4/12/2021

**MACOMB COUNTY PUBLIC WORKS OFFICE
ENGINEERING INVOICE COVER SHEET**

WORK ORDER NUMBER	WO19005
PROJECT NUMBER	WWS-2019-001
PROJECT NAME	As-Needed General Engineering Services
DRAINAGE DISTRICT	Eight and One-Half Mile Relief Drain Drainage District
CONSULTANT NAME	Fishbeck
INVOICE DATE	2/24/2021
INVOICE START DATE	12/26/2020
INVOICE END DATE	2/19/2021
ORIGINAL CONTRACT AMOUNT	\$ 151,919.00
CHANGE ORDER TOTAL	\$ 75,000.00
Change Order No. 1	\$ 75,000.00
Change Order No. 2	
Change Order No. 3	
Change Order No. 4	
TOTAL REVISED CONTRACT AMOUNT	\$ 226,919.00
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 130,976.57
TOTAL AMOUNT DUE THIS INVOICE	\$ 19,711.75
TOTAL BUDGET REMAINING	\$ 76,230.68
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	



Payment Options

Remit Wire/ACH payments to Acct: 100094457 ABA: 072413829
 Remit checks to: 1515 Arboretum Drive, SE, Grand Rapids, Michigan 49546
 Remittance Advice: accounts.receivable@fishbeck.com
 616.575.3824
 Federal I.D. No. 38-1841857 | Incorporated

Attention: Mr Vincent Astorino
Macomb County Public Works Commissioner
 21777 Dunham Road
 Clinton Township, MI 48036
 United States

Invoice : 398925
Invoice Date : 2/24/2021
Project : 190051
Project Name : Macomb Co PW/8.5 As-needed
 Engineering
Bill Term : 1

For Professional Services Rendered Through 2/19/2021

WO19005

	Fee	Available	Billings		
			To Date	Previous	Current
1 - Task 1 - Genral As Needed	43,912.61	43,912.61	0.00	0.00	0.00
1.A - Task 1a - Chapaton Structural Study	46,910.34	0.00	46,910.34	46,910.34	0.00
1.B - Task 1b - 9 Mile Pipe Repair (WO19105)	20,816.15	0.00	20,816.15	20,816.15	0.00
1.C - Task 1c - In-System Storage As-Needed	5,250.00	5,250.00	0.00	0.00	0.00
1.D - Task 1d - Office Improvements	21,393.90	0.00	21,393.90	21,393.90	0.00
1.E - Task 1e - Maps	7,500.00	5,678.59	1,821.41	1,821.41	0.00
1.F - Task 1f - Chapaton Sampling Plan	4,065.60	0.00	4,065.60	4,065.60	0.00
1.G - Task 1g - Chapaton Survey	2,084.25	0.00	2,084.25	2,084.25	0.00
1.H - Task 1h - Chapaton Bar Screen Hydraulic Isolation	2,976.75	0.00	2,976.75	2,976.75	0.00
1.I - Task 1i - Chapaton Environmental Study	8,521.60	0.01	8,521.59	8,521.59	0.00
1.j - Task 1j - Chapaton Flow Meter Drawings	2,680.00	0.00	2,680.00	2,680.00	0.00
1.k - Task 1k - Chapaton High Water Protection	4,783.80	0.00	4,783.80	4,783.80	0.00
1.l - Task 1l - Chapaton 3D Animation	3,557.00	0.00	3,557.00	3,557.00	0.00
1.M - Task 1m - Chapaton Ground Penetrating Radar	4,589.00	0.00	4,589.00	4,589.00	0.00
1.N - Task 1n - Chapaton Div 01 Specs	3,428.00	0.00	3,428.00	3,428.00	0.00
1.O - Task 1o - RTB & 9EB Structural Repair	19,950.00	16,601.02	18,579.73	3,348.98	15,230.75
Rate Labor	1,040.00				
Expenses	14,190.75				
1.P - Task 1p - SRF 5685-01 Project Plan Amendment	24,500.00	24,500.00	4,481.00	0.00	4,481.00
Rate Labor	4,481.00				

Current Billings	<u>19,711.75</u>
Amount Due This Bill	<u>19,711.75</u>

WW - Water Wastewater

Rate Labor

<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Senior Engineer	2.50	164.0000	410.00
	3.50	180.0000	630.00
Total Senior Engineer	6.00		1,040.00
Total Rate Labor			1,040.00

Total Bill Task: WW - Water Wastewater

1,040.00

NTH - Outside Services - NTH

Expenses

<i>Account / Vendor</i>	<i>Cost</i>	<i>Multiplier</i>	<i>Amount</i>
Subconsultant			
NTH Consultants Ltd	13,515.00	1.05	14,190.75
Total Expenses			14,190.75

1.P - Task 1p - SRF 5685-01 Project Plan Amendment

Rate Labor

<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Engineering Specialist	2.50	89.0000	222.50
Production Support	1.50	70.0000	105.00
Senior Engineer	4.00	130.0000	520.00
	2.00	164.0000	328.00
Total Senior Engineer	6.00		848.00
Senior Engineering Specialist	5.50	136.0000	748.00
Staff Engineer	23.25	110.0000	2,557.50
Total Rate Labor			4,481.00

Total Bill Task: 1.P - Task 1p - SRF 5685-01 Project Plan Amendment

4,481.00

Total Project: 190051 - Macomb Co PW/8.5 As-needed Engineering

19,711.75



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/8/21
4. SET ID V P210311MA		5. POST DATE

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to) Fishbeck	7. VENDOR NUMBER V44063	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) 399157	10. Invoice Date 2/26/2021	11. Invoice Amount 3,701.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22 Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object							
A	8200017M	80138	CC0004	80138	WO19082	8 1/2 Mile Relief	Pjt #191498 thru 2/26/21	\$ 3,701.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **3,701.00**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Chapaton Building Renovation

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$11,619.65
27. Engineers:		32. Staff Date:	3/16/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

Payment Options

Remit Wire/ACH payments to Acct: 100094457 ABA: 072413829
 Remit checks to: 1515 Arboretum Drive, SE, Grand Rapids, Michigan 49546
 Remittance Advice: accounts.receivable@fishbeck.com
 616.575.3824
 Federal I.D. No. 38-1841857 | Incorporated

Attention: Mr Vincent Astorino
Macomb County Public Works Commissioner
 21777 Dunham Road
 Clinton Township, MI 48036
 United States

Invoice : 399157
Invoice Date : 2/26/2021
Project : 191498
Project Name : Macomb Co PW/Chapaton Bldg
 Renovation
Bill Term : 1

For Professional Services Rendered Through 2/19/2021

WO19082 WWS-2019-016

Fee	% Complete	Billings		
		To Date	Previous	Current
105,100.00	88.94	93,480.35	89,779.35	3,701.00
			Current Billings	<u>3,701.00</u>
			Amount Due This Bill	<u>3,701.00</u>

Rate Labor			
<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Engineer	6.50	130.0000	845.00
Production Support	7.50	82.0000	615.00
Senior Architect	9.00	155.0000	1,395.00
Technician	9.00	94.0000	846.00
	Total Rate Labor		3,701.00
Total Bill Task: 191498 - Macomb Co PW/Chapaton Bldg Renovation			3,701.00

Total Project: 191498 - Macomb Co PW/Chapaton Bldg Renovation **3,701.00**



ONESolution
 ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

PREPARED BY	PHONE NUMBER	DATE
Houvenner	95966	3/8/2021
SET ID	POST DATE	
VP210311MA		

PARENT RECORD INFORMATION			
VENDOR NAME	VENDOR NUMBER	ADDR CODE	INVOICE DATE
HESCO	V66420	02	3/3/2021
			INVOICE AMOUNT
			10,676.10

CHILD RECORD DETAIL INFORMATION										
GENERAL LEDGER			JOB LEDGER							
ORG KEY	OBJECT	COST CENTER	OBJECT	WORK ORDER NUMBER	DRAIN NAME	DESCRIPTION	AMOUNT	DIV	MISC	SEP CK
8200017M	97002	CC0014	97002	WO18006	8 1/2 Mile Relief	PW000147; HydroRanger	\$ 7,870.50	GEN		
8200072M	97002	CC0014	97002		Martin	PW000147; HydroRanger	\$ 1,574.10	GEN		
8703018M	97002	CC0014	97002	WO18218	SEMCWWDS (BH)	PW000147; HydroRanger	\$ 524.70	GEN		
8703018M	97002	CC0014	97002	WO18219	SEMCWWDS (V)	PW000147; HydroRanger	\$ 524.70	GEN		
8200017M	72903	CC0014	72903	WO18006	8 1/2 Mile Relief	PW000147; Shipping	\$ 136.57	GEN		
8200072M	72903	CC0014	72903		Martin	PW000147; Shipping	\$ 27.31	GEN		
8703018M	72903	CC0014	72903	WO18218	SEMCWWDS (BH)	PW000147; Shipping	\$ 9.11	GEN		
8703018M	72903	CC0014	72903	WO18219	SEMCWWDS (V)	PW000147; Shipping	\$ 9.11	GEN		

TOTAL: \$ 10,676.10

COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

HydroRanger

Finance Manager:	BM/mh	Drain:	Multiple
Chief Engineer:		Project Balance:	N/A
Engineer(s):		Staff Date:	3/16/2021
Manager(s):		Board Date:	4/12/2021
Coordinator:		Select for Pay Date:	



Knowledgeable • Professional • Attentive • Likeable

Hesco Industrial LLC
 23905 Freeway Park Drive
 Farmington Hills, MI 48335

Invoice

Invoice #	Invoice Date
60833	3/3/2021

Bill to:

Macomb County Public Works
 FINANCE DEPARTMENT
 21777 Dunham Road
 Clinton Township, MI 48036

Ship to:

Macomb County Public Works Commission
 Chapaton Pump Station
 23001 Nine Mile Rd.
 St. Clair Shores, MI 48080

★ Chap Scada

Order Number		Purchase Order Number		Terms	Net Due Date	Salesperson
20689		PW000147		Net 30	4/2/2021	JBenn
Qty	Item Number	Item Description			Price Each	Extended Price
3	7ML5034-4AA01	Siemens HydroRanger 200 Ultrasonic level controller for up to six pumps that provides control, differential control and open channel flow monitoring. 4 = Mounting: 4 button HMI, Wall mount, standard enclosure A = Input voltage: 100 to 230 VAC A = Number of measurement points: Single point model, 6 relays 0 = Data Communications: Without module 1 = Approvals: General Purpose CE, FM, CSA US/C, UL listed, RCM, EAC, KCC			1,890.00	5,670.00
					Subtotal	
					Sales Tax (6.0%)	
					Total	
					Payments/Credits	
					Balance Due	

--

Hesco Industrial LLC
23905 Freeway Park Drive
Farmington Hills, MI 48335

Invoice

Invoice #	Invoice Date
60833	3/3/2021

Bill to:

Macomb County Public Works
FINANCE DEPARTMENT
21777 Dunham Road
Clinton Township, MI 48036

Ship to:

Macomb County Public Works Commission
Chapaton Pump Station
23001 Nine Mile Rd.
St. Clair Shores, MI 48080

Order Number	Purchase Order Number	Terms	Net Due Date	Salesperson
20689	PW000147	Net 30	4/2/2021	JBenn
Qty	Item Number	Item Description	Price Each	Extended Price
3	7ML1118-0ED30	EchoMax XPS-15 Ultrasonic level transducer: continuous, non-contact, 15 m (49.21 ft), for liquids and solids. 0 = Mounting thread and facing: 1" NPT ((Taper), ANSI/ASME B1.20.1) E = Cable length: 30 m (98.43 ft) D = Flange: 6" ASME style, 150 lb 3 = Approvals: ATEX II 2GD, FM Class I Div 2/SAA Class 1 Zone 1 0 = Manual: Multi-Language, Quick Start	1,608.00	4,824.00
1	Freight	PPA Shipping and handling charges- FED EX Tracking# 773026841316	182.10	182.10

Subtotal \$10,676.10

Sales Tax (6.0%) \$0.00

Total \$10,676.10

Payments/Credits \$0.00

Balance Due \$10,676.10

NEW Remit to address:
Hesco
23905 Freeway Park Drive
Farmington Hills, MI 48335

Phone:	Fax:
586-978-7700	586-978-7700

PURCHASE ORDER NO.
PW000147
PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES AND SHIPPING DOCUMENTS.

Vendor: **V66420**
HESCO

28838 VAN DYKE AVENUE
WARREN, MI 48093

Ship To: **DPWK**
PUBLIC WORKS OFFICE
CHAPATON PUMP STATION
23001 9 MILE ROAD
SAINT CLAIR SHORES MI 48080

Requested by: Michelle Houvener

Req. Dt: 02/17/2021

ITEMS

ITEM #	ORGKEY	OBJECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
0001	8200017M	97002		1.00		7,870.50	7,870.50
			Part Number: 7ML5034-4AA01				
			and				
			Part Number: 7ML1118-0ED30				
0002	8200072M	97002		1.00		1,574.10	1,574.10
			Part Number: 7ML5034-4AA01				
			and				
			Part Number: 7ML1118-0ED30				
0003	8703018M	97002		1.00		524.70	524.70
			Part Number: 7ML5034-4AA01				

BILL TO:

MACOMB COUNTY PUBLIC WORKS
 FINANCE DEPARTMENT
 21777 DUNHAM ROAD
 CLINTON TOWNSHIP, MI 48036

AUTHORIZED AGENT

Print Date: 03/06/2021

PURCHASE ORDER NO.

PW000147

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES AND SHIPPING
DOCUMENTS.

and

Part Number:
7ML1118-0ED30

0004	8703018M	97002	1.00	524.70	524.70
------	----------	-------	------	--------	--------

Part Number:
7ML5034-4AA01

and

Part Number:
7ML1118-0ED30

0005	8200017M	72903	1.00	136.57	136.57
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Shipping

0006	8200072M	72903	1.00	27.31	27.31
------	----------	-------	------	-------	-------

Shipping

0007	8703018M	72903	1.00	9.11	9.11
------	----------	-------	------	------	------

Shipping

0008	8703018M	72903	1.00	9.11	9.11
------	----------	-------	------	------	------

Shipping

TOTAL	<u>\$10,676.10</u>
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BILL TO:

MACOMB COUNTY PUBLIC WORKS
FINANCE DEPARTMENT
21777 DUNHAM ROAD
CLINTON TOWNSHIP, MI 48036

AUTHORIZED AGENT

Print Date: 03/06/2021



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/16/21
4. SET ID VP210311MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Lardner Elevator	7. VENDOR NUMBER V02788	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) 190411
			10. Invoice Date 3/2/2021
			11. Invoice Amount \$ 925.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	OPTIONAL			22 Sep CK	
							17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount		20. DIV
A		8200017M	93005	CC0004	93005	WO18006	8 1/2 Mile Relief	Acc#00-6198-3, Job #3110	925.00	GEN	
B											
C											
D											
E											
F											
G											

23. Total: \$ **925.00**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Perform no load Cat 1 test


25. Finance Officer:	BM/mh
26. Chief Deputy:	8 1/2 Mile Relief
27. Engineers:	N/A
28. Managers:	3/16/2021
29. Coordinator:	4/12/2021
30. Drain:	8 1/2 Mile Relief
31. Project Balance:	N/A
32. Staff Date:	3/16/2021
33. Board Date:	4/12/2021
34. Select For Pay Date:	

LARDNER↑ ↓ELEVATOR

729 Meldrum, Detroit, MI 48207
 Phone: (313) 568-1600 Fax: (313) 568-0488
 Email: info@lardnerelevator.com
 www.lardnerelevator.com

INVOICE

Invoice #
190411

Bill To: 
 Chapaton Pump Station
 21777 Dunham Rd.
 Attn: Macomb Co. Public Works
 Clinton Twp, MI 48036

Account: Chapaton Pump Station
 23001 E. Nine Mile
 St. Clair Shores, MI 48080
Account #: 00-6198-3

Date	Mar 02, 2021	Terms	Upon Receipt	Route	196	Job #	3110
Inv #	190411	PO #	18-9318	Territory	LECO	Type	Repair

Quantity	Description	Taxable	Measure	Price	Amount
1.00	Category 1 Test - #221 & 241	No	Each	925.00	\$925.00
2/2/2021 TT# 161740 & 161742 E# 11101 Perform no load Cat 1 test. (passed)					
					Taxable \$0.00
					Non-Taxable \$925.00
					Sub-Total \$925.00
					Sales Tax \$0.00
					TOTAL \$925.00

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
 729 Meldrum
 Detroit, MI 48207

Account # 00-6198-3
 Chapaton Pump Station
Invoice # 190411
Amount \$ 925.00
Paid \$

LARDNER ELEVATOR COMPANY 729 Meldrum St. • Detroit, MI 48207-4323 • Ph: 313-568-1600 • Fax: 313-568-0488

Customer Name Chapaton Pumping Station Customer I.D. No. 00-6198-2 Date 2-2-21
 Address 23001 9 Mile Rd, St Clair Shores Job No. 3110 Elevator No. 11101

Ticket No. <u>161740</u>	Employee Name and No. <u>MIKE B 221</u>	Mileage	Zone <u>10.52</u>	Parking	Cartage	Other												
MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY		SUNDAY	
RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT	OT	DT	OT	DT
			<u>2</u>															

Ticket No. <u>161742</u>	Employee Name and No. <u>Prock J 241</u>	Mileage	Zone <u>TRUCK</u>	Parking	Cartage	Other												
MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY		SUNDAY	
RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT	OT	DT	OT	DT
			<u>2</u>															

Work Performed Perform No Load Cat 1 test. (Passed)

Recommendation _____

Materials _____

Exam
 Service Call
 Repair Work
 Construction
 Modernization
 FLT
 NLT
 Shop
 Chargeable Work Yes No
 Job Completed Yes No

Customer P.O. No. _____ Customer Signature [Signature] Print Name X

We require our workmen to have their time approved by the customer or his representative. We allow our workmen actual time going to and from the job. 190411



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/4/21
4. SET ID		
5. POST DATE		

VP210311MA

PARENT RECORD INFORMATION										
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount					
Motor City Electric Technologies	V17465	02	93494	3/1/2021	\$ 645.91					

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)						
A	8200017M	93002	CC0014	93002	WO18006	8 1/2 Mile Relief		Job #921501, 2/2/21	\$ 645.91	GEN		
B												
C												
D												
E												
F												
G												

23. Total: \$ 645.91

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Dropped off Intermediate Pump #4 and supplies

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	3/16/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	



MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

10090 8 1/2

13030 MACOMB COUNTY PUBLIC WORKS
21777 DUNHAM ROAD
CLINTON TOWNSHIP, MI 48036

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921501	0	001	2/2/2021	3/1/2021	93494

BRENT WELSER

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M	\$645.91	-	\$645.91	\$645.91	-	-
Totals:		\$645.91		\$645.91	\$645.91		
Less Retained:				-			
Invoice Total:				\$645.91			

EDED ELECTRICAL AND ENGINEERING SERVICE

ITAHCED INVOICE SUMMARY AND FIELD REPORT

ERED MATERIAL ON 2/2/2021

te electrical construction

we hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof.



Invoice Summary

Macomb County Public Works

Motor City Electric Technologies Inc.
9440 Grinnell, Detroit, MI 48213-1151

Job No: 921501
Invoice No: 93494
Invoice Date: 3/1/2021

Invoice Detail

INVOICE DETAIL	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	INVOICE TOTAL
Labor	0.25			\$21.25		\$0.00	\$0.00	\$21.25
Material				\$543.18	\$0.00	\$81.48	\$81.48	\$624.66
Invoice Totals:	0.25			\$564.43		\$81.48	\$0.00	\$645.91

Invoice Detail by Field Report

2/2/2021 Chapaton West

Report Number: G210202-1414	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	REPORT TOTAL
Labor	0.25			\$21.25		\$0.00	\$0.00	\$21.25
Material				\$543.18	\$0.00	\$81.48	\$0.00	\$624.66
Report Totals:	0.25			\$564.43		\$81.48	\$0.00	\$645.91



9440 GRINNELL, DETROIT, MI 48213-1151

FIELD REPORT

MOTOR CITY ELECTRIC TECHNOLOGIES

REPORT NO: **G210202-141427**

CUSTOMER: Macomb County Public Works DATE: 2/2/2021 MCE JOB NO: 921501 SHEET OF

LOCATION OF WORK: Chapaton West CUSTOMER ORDER NO:

WORK PERFORMED:

Dropped off the intermediate pump #4 supplies

LABOR

LABOR CLASSIFICATION / NAME	STRAIGHT TIME			TIME AND ONE HALF			DOUBLE TIME			TOTAL	
	HRS	RATE	COST	HRS	RATE	COST	HRS	RATE	COST		
<i>1/21-Engineer-Controls/PLC/SCADA/Automation</i>										<i>Subtotal:</i>	<i>\$21.25</i>
Wysocki, Adam	0.25	\$85.00	\$21.25		\$115.00	\$0.00		\$145.00	\$0.00		\$21.25
										TOTAL:	\$21.25

MATERIAL

QTY	DESCRIPTION	UNIT COST	U/M	EXTENDED COST	
4	24VDC Cutler Hammer Relav	\$40.79		\$163.16	
1	120VAC Omron Relav	\$16.10		\$16.10	
1	Omron Relav Base	\$9.71		\$9.71	
2	Cutler Hammer Red :Pilot Light	\$93.64		\$187.28	
1	Cutler Hammer Contact Block	\$23.31		\$23.31	
1	Cutler Hammer Aux Contact	\$143.62		\$143.62	
				TOTAL:	\$543.18

REPORT SUMMARY	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	REPORT TOTAL
Labor	0.25			\$21.25		\$0.00	\$0.00	\$21.25
Material				\$543.18	\$0.00	\$81.48	\$0.00	\$624.66
REPORT TOTALS:	0.25			\$564.43	\$0.00	\$81.48	\$0.00	\$645.91



FIELD REPORT

MOTOR CITY ELECTRIC TECHNOLOGIES - (313) 921-5300/FAX (313) 923-5310

CUSTOMER: Macomb County Public Works DATE: February 2, 2021 JOB NO: 921501 SHEET 1 OF 2

LOCATION OF WORK: Chapaton West CUSTOMER ORDER NO: _____

WORK PERFORMED: Dropped of the intermediate pump #4 supplies.
(BE AS DESCRIPTIVE AS POSSIBLE)

LABOR

	NAME	CLASSIFICATION	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME	SHIFT	COMMENTS
1	Adam Wysocki	ENGINEER	0.25	0.00	0.00	1	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
TOTAL HOURS			0.25	0.00	0.00		

EQUIPMENT

	DESCRIPTION	QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION	QUANTITY
1	Service Truck	0 18		35		
2	Pick Up Truck	0 19		36		
3	Rolling Set Up	0 20		37		
4	Manlift Scissors to 25'	0 21		38		
5	Manlift Boom to 40'	0 22		39		
6	< None >	0 23		40		
7		24		41		
8		25		42		
9		26		43		
10		27		44		
11		28		45		
12		29		46		
13		30		47		
14		31		48		
15		32		49		
16		33		50		
17		34		51		



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 3/23/21
4. SET ID NP210324MA		5. POST DATE

PARENT RECORD INFORMATION		
6. VENDOR NAME (Check to be issued to) SunSource	7. VENDOR NUMBER V68391	11. Invoice Amount 678.34
8. ADDR CODE 02	9. Invoice No (MAX = 16 CHARACTERS) 5550829-01	10. Invoice Date 3/19/2021

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger			Job Ledger		OPTIONAL		19. Amount	20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)			
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Cust #4402518, Norco Filter Element	\$ 645.80	GEN	
B	8210017M	72903	CC0004	72903	WO18006	8 1/2 Mile Relief	Cust #4402518, Shipping/Handling	\$ 32.54	GEN	0
C										
D										
E										
F										
G										

23. Total: \$ **678.34**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Balance of PW000139

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	



INVOICE

DOCUMENT: Invoice

Sales Inquiries: Geoff Curtis (800)572-9418/
 gcurtis@sunsource.com
 Credit Inquiries: Marjie Bain (630)317-2747/
 mbain@sunsource.com

CUST.#: 4402518

INVOICE DATE		INVOICE NO.
03/19/21		5550829-01
P.O. DATE	P.O. NO.	PAGE #
02/02/21	FW000139	1

BILL TO: MACOMB COUNTY OF PUBLIC WORKS
 21777 DUNHAM ROAD

 CLINTON TOWNSHIP, MI 48036

REMIT TO: STS Operating, Inc.
 P.O. Box 74007453
 Chicago, IL 60674-7453

SHIP TO: MACOMB COUNTY OF PUBLIC WORKS
 23001 9 MILE ROAD
 PO# FW000139 CHAPTON PUMP ST
 ST CLAIR SHORES, MI 48080

INSTRUCTIONS: STAGING AREA:

SHIP POINT	VIA	SHIPPED	TERMS
SunSource-Savage Distribution	UPS Ground	03/19/21	net 30

**** GO GREEN! Contact creditservices@sunsource.com for details on emailed/faxed invoices and ACH ****

LINE NO.	PRODUCT AND DESCRIPTION	QUANTITY ORDERED	QUANTITY B.O.	QTY. SHIPPED	QTY. U/M	NET PRICE	PRICE U/M	EXTENDED AMOUNT

*** ATTN: PLEASE NOTE OUR NEW REMIT TO ADDRESS LISTED ABOVE AND								
*** MAKE THE NECESSARY CHANGES TO YOUR RECORDS. THANK YOU								

2	IL-I-B-40-3 NORCO FILTER ELEMENT U.S.A. Tariff # 8421.99.00.80 Canadian Tariff # 8421.99.00.90 Country Of Origin USA Customs Date: 01/01/06	2	0	2	EA	217.30	EA	434.60
3	IL-R-A-25-0 NORCO FILTER ELEMENT	1	0	1	EA	211.20	EA	211.20
2	Lines Total	Qty Shipped Total		3			Total	645.80
							Frt & Hndlg	32.54
							Invoice Total	678.34

Tracking Information:
 1Z5535670328590578

Customer Name : MACOMB COUNTY OF PUB
 Customer No. : 4402518
 Invoice Date : 03/19/21
 Invoice No. : 5550829-01
 Invoice Amt. : 678.34
 Amt. Remitted :
 Check No. :

Last Page

Thank you for your business. Please visit our website at www.sun-source.com. For on-line ordering visit www.sunsourceconnect.com



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/23/21
4. SET ID	5. POST DATE	
VP210323MA		

PARENT RECORD INFORMATION				
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date
TD Painting & Wallcovering	V77152	01	3515	12/7/2020
				11. Invoice Amount
				\$ 5,523.91

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger			Job Ledger			OPTIONAL			21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	
A	8200017M	93001	CC0004	93001	WO18006	8 1/2 Mile Relief	Interior Garage Painting	\$ 5,523.91	GEN	22 Sep CK
B										
C										
D										
E										
F										
G										

REV 09/2018

23. Total: \$ 5,523.91

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

V77152

TD Painting and Wallcovering Inc.
49236 Gratiot Ave.
Chesterfield Township, MI
48051
586-204-2257
tom@tdpaintingandwallcovering.com



INVOICE

BILL TO

Macomb County Public
Works
23001 E 9 Mile Rd
St. Clair Shores, Mi
48080

INVOICE # 3515
DATE 12/07/2020
DUE DATE 12/07/2020
TERMS Due on receipt

ACTIVITY	AMOUNT
Services	5,523.91
Painting of Garage 2nd Side Interior	

Thank you for your business. If you require additional information please call at 586-204-2257.

BALANCE DUE

\$5,523.91



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/5/21
4. SET ID		5. POST DATE
VP210311MA		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
ULINE	V14027	02	130258227
			10. Invoice Date
			2/16/2021
			11. Invoice Amount
			\$ 933.96

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22 Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)						
A	8200017M	72613	CC0004	72613	WO18006	8 1/2 Mile Relief		Customer #15344576; Order #51088610	\$ 700.47	GEN		
B	8200072M	72613				Martin		Customer #15344576; Order #51088610	\$ 140.09	GEN		0
C	8703018M	72613			WO18218	SEMCWWDS (BH)		Customer #15344576; Order #51088610	\$ 46.70	GEN		0
D	8703018M	72613			WO18219	SEMCWWDS (V)		Customer #15344576; Order #51088610	\$ 46.70	GEN		0
E												
F												
G												

23. Total: \$ 933.96

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh
26. Chief Deputy:	Multiple
27. Engineers:	N/A
28. Managers:	3/16/2021
29. Coordinator:	4/12/2021
30. Drain:	Multiple
31. Project Balance:	N/A
32. Staff Date:	3/16/2021
33. Board Date:	4/12/2021
34. Select For Pay Date:	



1-800-295-5510

uline.com

PO Box 88741 • Chicago IL 60680-1741

INVOICE NO.

130258227

**

INVOICE

ULINE FED ID#: 36-3684738

SHIPPING SUPPLY SPECIALISTS

THANK YOU FOR YOUR ORDER. ULINE CUSTOMER SINCE 2018

YOUR ORDER # 51088610

SOLD TO:

SHIP TO:

MDG2017 00008108 1 AB 042 8 15344576
MACOMB COUNTY PUBLIC WORKS
PUBLIC WORKS
21777 DUNHAM RD
CLINTON TOWNSHIP MI 48036-1005

MACOMB CO PUBLIC WORKS
23001 E 9 MILE RD
SAINT CLAIR SHORES MI 48080-1576



U100-9-2013

CUSTOMER NO.	PURCHASE ORDER NO.	SHIP VIA	ORDER DATE	DATE SHIPPED	TERMS	INVOICE DATE
15344576	KRISTOFER	UPS GROUND	2/16/21	2/16/21	NET 30 DAYS	2/16/21
QUANTITY		ITEM NUMBER	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	
ORDERED	U/M					BACK ORDERED
40	CT		S-13450X	SAFEGRIP 12 MIL LATEX GLOVE-XL	22.00	880.00
			8 1/2	\$ 700.47		
			Martin	\$ 140.09		
			B.H.	\$ 46.70		
			Violet	\$ 46.70		

ORDER PLACED BY: KRISTOFER BENDA

TSULLIVAN /P

SUB-TOTAL	SALES TAX	FRT/HNDLING	AMOUNT DUE
880.00	.00	53.96	933.96

PLEASE PAY FROM THIS INVOICE REFER TO THIS INVOICE NUMBER WHEN CONTACTING US REGARDING THIS TRANSACTION.

CUSTOMER NAME	CUSTOMER NUMBER	INVOICE NUMBER	INVOICE DATE	AMOUNT DUE
MACOMB COUNTY PUBLIC WORKS	15344576	130258227	2/16/21	933.96

AMOUNT ENCLOSED IF DIFFERENT THAN AMOUNT DUE \$ _____
EXPLAIN DIFFERENCES ON REVERSE SIDE



MAKE CHECK PAYABLE AND MAIL TO:

ULINE
ATTN: ACCOUNTS RECEIVABLE
PO BOX 88741
CHICAGO IL 60680-1741

IMPORTANT - PLEASE DETACH AND RETURN THIS PORTION TO INSURE PROPER CREDIT



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	3/25/21
4. SET ID	5. POST DATE	
VP210325MA		

PARENT RECORD INFORMATION		
6. VENDOR NAME (Check to be issued to)	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
Wade Trim	02	2020554
		10. Invoice Date
		3/25/2021
		11. Invoice Amount
		\$ 5,920.17

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger			Job Ledger			OPTIONAL			21 MISC	22 Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV		
A	8200017M	80138	CC0004	80138	WO19073	8 1/2 Mile Relief	Pjt #MCW200601T, 2/20-3/19	\$ 5,920.17	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 5,920.17

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Chapaton RTB Disinfection Improvements

25. Finance Officer:	BM/mh
26. Chief Deputy:	
27. Engineers:	
28. Managers:	
29. Coordinator:	
30. Drain:	8 1/2 Mile Relief
31. Project Balance:	\$64,337.80
32. Staff Date:	4/6/2021
33. Board Date:	4/12/2021
34. Select For Pay Date:	

**MACOMB COUNTY PUBLIC WORKS OFFICE
CONSULTANT INVOICE COVER SHEET**

WORK ORDER NUMBER 19073

PROJECT NUMBER WWS-2019-017

PROJECT NAME Chapaton RTB Disinfection Improvements

DRAINAGE DISTRICT Eight and One-Half Mile

CONSULTANT NAME Wade Trim Associates, Inc.

INVOICE DATE 3/25/2021

INVOICE START DATE 2/20/2021

INVOICE END DATE 3/19/2021

ORIGINAL CONTRACT AMOUNT			\$ 107,780.00
CHANGE ORDER TOTAL			\$ 74,917.50
Change Order No. 1	Date Executed:	9/21/2020	\$ 74,917.50
Change Order No. 2	Date Executed:		
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT			\$ 182,697.50
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED			\$ 112,439.53
TOTAL AMOUNT DUE THIS INVOICE			\$ 5,920.17
TOTAL BUDGET REMAINING			\$ 64,337.80
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			



WADE TRIM

25251 Northline Road • Taylor, MI 48180
734.947.9700 • www.wadetrim.com

INVOICE

Terms: Net 30 Days
1.5% Per Month After 30 Days
18% Annual Rate

ACH payments accepted. Send inquiries to remit@wadetrim.com

Remit Payment To: Wade Trim, 25251 Northline Road, Taylor, MI 48180

Attention: Vince Astorino
Operations and Flow Manager
Macomb County Public Works
21777 Dunham Road
Clinton Township, MI 48036

Invoice : 2020554
Invoice Date : 3/25/2021
Project : MCW200601T
Project Name : Chapaton RTB Disinfection
Improvements

For Professional Services Rendered For 2/20/2021 Through 3/19/2021

		<u>Billings</u>				
		<u>Fee</u>	<u>Available</u>	<u>To Date</u>	<u>Previous</u>	<u>Current</u>
		182,697.50	70,257.97	118,359.70	112,439.53	5,920.17
<i>Rate Labor</i>	5,831.25					
<i>Unit Rate Expense</i>	88.92					
					Current Billings	<u>5,920.17</u>
					Amount Due This Bill	<u>5,920.17</u>

Total Fee : 182,697.50
To Date Billings : 118,359.70
Total Remaining : 64,337.80

600 - Project Management - Construction Phase

Rate Labor				
<i>Class / Employee</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Project Aide III				
Melanie A Phillips	3/9/2021	0.50	130.0000	65.00
Senior Professional				
John Arvai	2/23/2021	2.00	265.0000	530.00
	2/25/2021	0.25	265.0000	66.25
	3/8/2021	0.50	265.0000	132.50
	3/10/2021	0.50	265.0000	132.50
	3/15/2021	0.50	265.0000	132.50
Total Senior Professional		3.75		993.75
Total Rate Labor				1,058.75
Total Bill Task: 600 - Project Management - Construction Phase				1,058.75

700 - CEI Services - Construction Phase

Rate Labor				
<i>Class / Employee</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Engineer II				
Jason Obrycki-Smith	2/22/2021	4.00	105.0000	420.00
	2/23/2021	3.00	105.0000	315.00
	2/24/2021	1.00	105.0000	105.00
	2/25/2021	1.00	105.0000	105.00
	2/26/2021	3.00	105.0000	315.00
	3/1/2021	3.00	105.0000	315.00
	3/2/2021	2.50	105.0000	262.50
	3/3/2021	1.00	105.0000	105.00
	3/4/2021	1.00	105.0000	105.00
	3/5/2021	2.00	105.0000	210.00
	3/8/2021	3.00	105.0000	315.00
	3/9/2021	3.00	105.0000	315.00
	3/10/2021	6.00	105.0000	630.00
	3/11/2021	1.00	105.0000	105.00
	3/15/2021	3.00	105.0000	315.00
	3/12/2021	2.00 OT	157.5000	315.00
Total Jason Obrycki-Smith		39.50		4,252.50
Total Engineer II		39.50		4,252.50
Engineer III				
Oneida Westhoff	3/10/2021	3.00	130.0000	390.00
	3/11/2021	0.50	130.0000	65.00
Total Engineer III		3.50		455.00
Project Aide III				
John K Golden	2/24/2021	0.50	130.0000	65.00
Total Rate Labor				4,772.50
Total Bill Task: 700 - CEI Services - Construction Phase				4,772.50

800 - Expenses - Construction Phase

Unit Rate Expenses

Account / Unit / Vendor

	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
Employee Mileage - Regular Rate			
Employee Mileage			
Jason Obrycki-Smith	156.00	0.5700	88.92
Total Employee Mileage - Regular Rate			----- 88.92
			Total Unit Rate Expenses 88.92
Total Bill Task: 800 - Expenses - Construction Phase			88.92

Total Project: MCW200601T - Chapaton RTB Disinfection Improvements

5,920.17

Work Description: Project management and administration coordination activities, staff and team meetings. Prepared monthly invoice and progress report. Review of contractor submittals, RFIs and pay applications. Progress Meeting #2 attendance and meeting minutes preparation. On site construction observation effort as requested by MCPWO.



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvenier	95966	3/30/21
4. SET ID		5. POST DATE
VP210330MA		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	9. Invoice No (MAX = 16 CHARACTERS)	11. Invoice Amount
Weiss Construction	V081320	PAY EST #4	\$ 331,146.18
8. ADDR CODE	01	10. Invoice Date	3/23/2021

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)			
A	8200017M	80126	CC0004	80126	WO19073	8 1/2 Mile Relief	Pay Est #4, 3/1-3/31	\$ 280,029.78	GEN	
B	8200072M	80126			WO19074	Martin	Pay Est #4, 3/1-3/31	\$ 51,116.40	GEN	0
C										
D										
E										
F										
G										

23. Total: \$ 331,146.18

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Record retainage (WO19073) \$31,114.42 for total retainage of \$41,498.42. Record retainage (WO19074) \$5,679.60 for total retainage of \$8,569.80

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile; Martin
26. Chief Deputy:		31. Project Balance:	\$478,900.97 (\$50,068.22 Retainage)
27. Engineers:		32. Staff Date:	4/6/2021
28. Managers:		33. Board Date:	4/12/2021
29. Coordinator:		34. Select For Pay Date:	

**MACOMB COUNTY PUBLIC WORKS OFFICE
CONTRACTOR INVOICE COVER SHEET**

WORK ORDER NUMBER WO19073

PROJECT NUMBER WWS-2020-09

PROJECT NAME Chapaton RTB & Martin RTB Disinfection Improvements

DRAINAGE DISTRICT 8 1/2 Mile Relief Drain Drainage Distric

CONTRACTOR NAME Weiss Construction LLC

INVOICE DATE March 26, 2021

INVOICE START DATE March 1, 2021

INVOICE END DATE March 31, 2021

ORIGINAL CONTRACT AMOUNT			\$ 995,925.00
CHANGE ORDER TOTAL			\$ (16,337.83)
Change Order No. 1	Date Executed:	12/21/2020	\$ (16,337.83)
Change Order No. 2	Date Executed:		
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT			\$ 979,587.17
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED			\$ 119,471.40
TOTAL AMOUNT DUE THIS INVOICE			\$ 331,146.18
TOTAL BUDGET REMAINING			\$ 528,969.59
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			

* 478,900.97 + Retained \$ 50,068.62

Contractor's Application for Payment

Owner:	<u>Macomb County Public Works</u>	Owner's Project No.:	<u>WWS-2020-09</u>
Engineer:	<u>Wade Trim Associates</u>	Engineer's Project No.:	<u>Mcw 2006-01T</u>
Contractor:	<u>Weiss Construction</u>	Contractor's Project No.:	<u>2020-07</u>
Project:	<u>Chapaton RTB and Martin RTB Disinfection Improvements</u>		
Contract:	<u>WWS-2020-09</u>		

Application No.: 4 **Application Date:** 3/23/2021
Application Period: **From** 3/1/2021 **to** 3/31/2021

1. Original Contract Price	\$	995,925.00
2. Net change by Change Orders	\$	(16,337.83)
3. Current Contract Price (Line 1 + Line 2)	\$	979,587.17
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$	500,686.20
5. Retainage		
a. <u>10%</u> X <u>\$ 500,686.20</u> Work Completed	\$	50,068.62
b. _____ X <u>\$ -</u> Stored Materials	\$	-
c. Total Retainage (Line 5.a + Line 5.b)	\$	50,068.62
6. Amount eligible to date (Line 4 - Line 5.c)	\$	450,617.58
7. Less previous payments (Line 6 from prior application)	\$	119,471.40
8. Amount due this application	\$	331,146.18
9. Balance to finish, including retainage (Line 3 - Line 4)	\$	478,900.97

Contractor's Certification

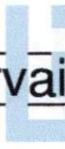
The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

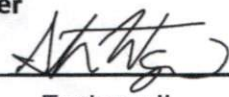
Contractor: Weiss Construction - Josh Wittenbach

Signature: Joshua Wittenbach Digitally signed by Joshua Wittenbach
Date: 2021.03.26 14:05:24 -04'00' **Date:** 3/28/2021

Recommended by Engineer


By:  Digitally signed by John Arvai
DN: C=US,
E=jarvai@wadetrim.com,
O=Wade Trim, OU=Vice
President, CN=John Arvai
Date: 2021.03.26
15:02:43-04'00'
Title: John Arvai
Date: _____

Approved by Owner

By: 
Title: Engineer II
Date: 03/29/2021

Approved by Funding Agency

By: N/A
Title: _____
Date: _____

By: 
Title: Operations & Flow Manager
Date: 03/29/2021

Record retainage entry

W019073 \$ 31,114.42 TOTAL RET. \$ 41,498.42
W019074 \$ 5,679.60 TOTAL RET \$ 8,569.80

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: Macomb County Public Works
Engineer: Wade Trim Associates
Contractor: Weiss Construction
Project: Chapaton RTB and Martin RTB Disinfection Improvements
Contract: WWS-2020-09

Owner's Project No.: WWS-2020-09
Engineer's Project No.: Mcw 2006-01T
Contractor's Project No.: 2020-07

Application No.: 4		Application Period: From 03/01/21 to 03/31/21		Application Date: 03/23/21					
Item No.	Description	C Scheduled Value (\$)	D Work Completed (D + E) From Previous Application (\$)		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)	This Period (\$)					
			Original Contract						
01	GENERAL CONDITIONS - CHAPATON	\$81,000.00	27,000.00		6,750.00		33,750.00	42%	47,250.00
02	GENERAL CONDITIONS - MARTIN	\$19,020.00	6,340.00		1,585.00		7,925.00	42%	11,095.00
03	PROCURE - PIPE MATERIALS (UPSTAIRS)	\$16,088.00	16,088.00		-		16,088.00	100%	-
04	PROCURE - PIPE MATERIALS (BASIN)	\$114,000.00	-		108,300.00		108,300.00	95%	5,700.00
05	PROCURE - AIR COMPRESSOR	\$12,500.00	-		12,500.00		12,500.00	100%	-
06	CHAPATON MOBILIZATION	\$19,500.00	19,500.00		-		19,500.00	100%	-
07	CHAPATON BYPASS PIPING	\$9,500.00	-		-		-	0%	9,500.00
08	DEMO CHAPATON PUMP ROOM PIPING	\$5,025.00	-		-		-	0%	5,025.00
09	INSTALL CHAPATON PUMP ROOM PUMPS & PIPING	\$18,500.00	9,250.00		1,850.00		11,100.00	60%	7,400.00
10	DEMO CHAPATON PUMP ROOM PUMPS & PADS	\$21,000.00	-		-		-	0%	21,000.00
11	INSTALL NEW PUMP PADS IN CHAPATON PUMP ROOM	\$19,000.00	19,000.00		-		19,000.00	100%	-
12	DEMO CHAPATON TANK ROOM PUMPS & PIPING	\$3,850.00	-		-		-	0%	3,850.00
13	INSTALL CHAPATON TANK ROOM PIPING	\$13,800.00	6,900.00		-		6,900.00	50%	6,900.00
14	FURNISH & INSTALL CHAPATON TANK ROOM PUMPS	\$17,625.00	-		-		-	0%	17,625.00
15	DEMO & INSTALL NEW AIR COMPRESSOR	\$8,500.00	-		-		-	0%	8,500.00
16	CHAPATON ROOM FINISHES	\$5,250.00	-		-		-	0%	5,250.00
17	FURNISH & INSTALL CHAPATON VFD'S	\$65,100.00	-		65,100.00		65,100.00	100%	-
18	FURNISH & INSTALL CHAP. MAGNETIC FLOWMETERS	\$28,350.00	-		24,097.50		24,097.50	85%	4,252.50
19	FURNISH & INSTALL CHAP. ELECT. CONDUIT & WIRING	\$57,062.00	-		19,971.70		19,971.70	35%	37,090.30
20	CHAPATON O&M MANUALS	\$2,625.00	-		-		-	0%	2,625.00
21	CHAPATON TRAINING	\$2,100.00	-		-		-	0%	2,100.00
22	CHAPATON START-UP	\$8,925.00	-		-		-	0%	8,925.00
23	INSTALL CHEMICAL LINES IN BASIN	\$76,750.00	-		38,375.00		38,375.00	50%	38,375.00
24	INSTALL CHEMICAL LINES FOR 9 MILE DIFFUSER IN BASIN	\$51,250.00	-		7,687.50		7,687.50	15%	43,562.50
25	INSTALL SAMPLE LINES IN BASIN	\$75,750.00	-		26,512.50		26,512.50	35%	49,237.50
26	TEST & PUT CHAPATON BASIN PIPING INTO SERVICE	\$5,150.00	-		-		-	0%	5,150.00
27	DEMO EXISTING PIPING IN BASIN	\$61,500.00	-		-		-	0%	61,500.00
28	PROCURE - MARTIN PIPE MATERIALS	\$15,285.00	11,464.00		-		11,464.00	75%	3,821.00
29	MARTIN MOBILIZATION	\$5,000.00	5,000.00		-		5,000.00	100%	-
30	MARTIN BYPASS PIPING	\$3,100.00	-		-		-	0%	3,100.00
31	DEMO MARTIN HYDROCHLORITE PUMP 1 & PIPING	\$2,950.00	-		-		-	0%	2,950.00
32	INSTALL MARTIN HYDROCHLORITE PUMP 1 & PIPING	\$29,350.00	-		11,740.00		11,740.00	40%	17,610.00
33	DEMO MARTIN HYDROCHLORITE PUMP 2 & PIPING	\$2,950.00	-		-		-	0%	2,950.00
34	INSTALL MARTIN HYDROCHLORITE PUMP 2 & PIPING	\$29,350.00	-		11,740.00		11,740.00	40%	17,610.00
35	REMOVE & INSTALL MARTIN RECIRCULATING PUMP & PIPING	\$3,395.00	-		-		-	0%	3,395.00

Progress Estimate - Lump Sum Work

Owner: Macomb County Public Works
Engineer: Wade Trim Associates
Contractor: Weiss Construction
Project: Chapaton RTB and Martin RTB Disinfection Improvements
Contract: WWS-2020-09

Owner's Project No.: WWS-2020-09
Engineer's Project No.: Mcw 2006-01T
Contractor's Project No.: 2020-07

Contractor's Application for Payment

Application No.:		4		Application Period:		03/01/21		to		03/31/21		Application Date:		03/23/21	
Item No.	Description	Scheduled Value (\$)	Work Completed		Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to Date (D + E + F) (\$)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)							
			(D + E) From Previous Application (\$)	This Period (\$)											
36	DEMO MARTIN PUMPS & PADS	\$3,900.00	-	-	-	-	0%	3,900.00							
37	INSTALL MARTIN PUMP PADS	\$4,400.00	4,400.00	-	-	4,400.00	100%	-							
38	FURNISH & INSTALL MARTIN VFD'S	\$27,300.00	-	21,021.00	21,021.00	21,021.00	77%	6,279.00							
39	FURNISH & INSTALL MARTIN MAGNETIC FLOWMETERS	\$12,600.00	-	10,710.00	10,710.00	10,710.00	85%	1,890.00							
40	FURNISH & INSTALL MARTIN ELEC. CONDUIT & WIRING	\$17,500.00	-	-	-	-	0%	17,500.00							
41	MARTIN O&M MANUALS	\$1,575.00	-	-	-	-	0%	1,575.00							
42	MARTIN TRAINING	\$2,100.00	-	-	-	-	0%	2,100.00							
43	MARTIN START-UP	\$4,725.00	-	-	-	-	0%	4,725.00							
44	ROOFING ALLOWANCE - CHAPATON	\$1,725.00	-	-	-	-	0%	1,725.00							
45	PERMIT ALLOWANCE - CHAPATON	\$5,000.00	6,106.00	-	6,106.00	6,106.00	122%	(1,106.00)							
46	PERMIT ALLOWANCE - MARTIN	\$5,000.00	1,698.00	-	1,698.00	1,698.00	34%	3,302.00							
Original Contract Totals		\$ 995,925.00	\$ 132,746.00	\$ 367,940.20	\$ -	\$ 500,686.20	50%	\$ 495,238.80							

Progress Estimate - Lump Sum Work Contractor's Application for Payment

Owner: Macomb County Public Works	Owner's Project No.: WWS-2020-09
Engineer: Wade Trim Associates	Engineer's Project No.: Mcw 2006-01T
Contractor: Weiss Construction	Contractor's Project No.: 2020-07
Project: Chapaton RTB and Martin RTB Disinfection Improvements	
Contract: WWS-2020-09	

Application No.:	4	Application Period: From			03/01/21	to	03/31/21	Application Date: 03/23/21			
		A	B	C	D		E	F	G	H	I
					(D + E) From Previous Application (\$)	Work Completed This Period (\$)					
Change Orders											
001		Credit for Recirculating Pumps	(16,337.83)						-	0%	(16,337.83)
									-		
									-		
									-		
									-		
									-		
									-		
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									-		
									-		
									-		
									-		
Change Order Totals			\$ (16,337.83)	\$	-	\$	-	\$	-	0%	\$ (16,337.83)
Original Contract and Change Orders											
Project Totals			\$ 979,587.17	\$ 132,746.00	\$ 367,940.20	\$	-	\$ 500,686.20	\$	51%	\$ 478,900.97

CONTRACTOR'S DECLARATION

(To be attached to the Contractor's periodic Request for Payment)

Project Name: Chapaton RTB and Martin RTB Disinfection Improvements

Contract No.: WWS-2020-009

Contract Date: 10/21/2020

Contractor: Weiss Construction, LLC

Owner: 8 1/2 Mile Relief Drain Drainage District

Certification Period (From the Date of the Contract to the Date of this Declaration) _____

October 12, 2020 - March 31, 2021

I hereby certify that I have not, during the above noted certification period, 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 I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Attached Summary, Dated _____

(Contractor to check this box if no claim letters are submitted to date)

CONTRACTOR

By: _____ Digitally signed by
(Authorized Signature) Joshua Wittenbach
Name: Joshua Wittenbach Date: 2021.03.26
Print Name 14:04:31 -04'00'

Title: _____

Date: _____

END OF SECTION 00 61 13.1

Budget to Actual
8.5 Mile Relief
As of Mar 31, 2021 = 50%

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Interest Earned	175,000		7,239	167,761	4.1%
Other Revenue	4,000		1,319	2,681	33.0%
8.5 O&M/Charge Required Revenue	4,509,865		4,509,865	-	100.0%
PY Revenue-Fund Balance	4,522,050			4,522,050	0.0%
Rental Fee	16,460		-	16,460	0.0%
<i>Total Revenue Accounts</i>	9,227,375	-	4,518,423	4,708,952	49.0%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	12,850		9,044	3,806	70.4%
Engineering					
Flushing systems replacement-Design	1,328,480			1,328,480	0.0%
Basin Structural Repairs-Desing & Construction	750,000			750,000	0.0%
Equipment Hatch crane replacement	100,000			100,000	0.0%
9 Mile Bypass Pipe Structural Repairs	500,000			500,000	0.0%
As needed Engineering	87,810		23,061	64,749	26.3%
Chapaton Improvements-Office Space	820,000		142,188	677,812	17.3%
Disinfection system upgrade (Design and Construction)	901,625		165,958	735,667	18.4%
Chapaton Improvements-Lab Relocation	166,910			166,910	0.0%
In-System Storage-Construction & Const Admin	2,250,000		488,390	1,761,610	21.7%
9 Mile Bypass Design	44,165			44,165	0.0%
New Equipment ⁽¹⁾	15,500		20,146	(4,646)	130.0%
Office Supplies	750		180	570	24.0%
Operating Supplies	63,700		15,288	48,412	24.0%
Other Professional Srvcs	46,700		2,203	44,497	4.7%
Personnel Services	1,061,320			1,061,320	0.0%
Repair & Maintenance	161,000		84,006	76,994	52.2%
Pumping and screening improvements	211,540		200,070	11,470	94.6%
SRF Replacement Reserve	259,215			259,215	0.0%
Scada System	165,710		26,920	138,790	16.2%
Utilities	274,100		19,650	254,450	7.2%
<i>Total Expense Accounts</i>	9,227,375	-	1,203,104	8,024,271	13.0%

	O&M Balance 9/30/2020	O&M	Total 3/31/2021
Cash - Operating	12,629,705	3,315,319	15,945,024
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		4,518,423	4,518,423
Expenditures		1,203,104	1,203,104
			0
Equity*	12,629,705		15,945,024

Detail of 2020 Equity*

Disinfection system upgrade (Design and Construction)	832,752	Pumping and screening improve	319,594
Chapaton Improvements-Office Space/HVAC	736,909	SCADA Reserve	84,385
Chapaton Improvements-Lab Relocation	250,000	Capital Reserve	1,118,359
LSCWWI 04B Transfer	738,112	PLC Replacements at Chapaton Ea:	40,000
Project Contribution from Macomb Cty	2,000,000	As Needed Engineering	88,981
In System Contribution from SEMSD	1,000,000	Design 9 Mile Bypass	27,283
Expansion Contribution From State	975,109	Flushing Study	75,000
In-System Storage Design/Const Admin/Const	2,250,000	Pickup Truck ⁽¹⁾	19,500
SRF Replacement Reserve	2,073,720		